Groundwater & Environmental Services, Inc.

MARYLAND OFFICE

May 13, 2016

Ms. Ellen Jackson
Oil Control Program
Maryland Department of the Environment
1800 Washington Blvd.
Baltimore, Maryland 21230

RE: **FIRST QUARTER 2016 MONITORING REPORT**
Wally's BP (Former Citgo)
19200 Middletown Road
Parkton, Maryland
OCP Case #2006-0319-BA2

Dear Ms. Jackson,

Groundwater & Environmental Services, Inc. (GES), on behalf of Carroll Independent Fuel Company (Carroll), is pleased to submit the First Quarter 2016 Monitoring Report for the abovementioned facility (Site). In summary, the following activities were conducted for the case during this monitoring period:

- Quarterly monitoring and sampling of all monitoring wells and recovery wells;
- Quarterly POET system sampling at 1606 and 1612 Rayville Road;
- Bi-monthly, onsite system maintenance including monthly system and recovery well sampling at select locations;
- The submittal of *Fourth Quarter 2015 Monitoring Report – February 15, 2016* to the MDE;
- A carbon change for the two (2) onsite liquid phase granular activated carbon (LGAC) vessels on February 19, 2016;
- And the full water column of monitoring well 1608R (approximately 900 gallons) was purged and recycled through the onsite system from January 13-19, 2016.

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 3705 or 3726, respectively, or Herb Meade at 410-261-5450.

Sincerely,

Lindsay Keeney
Associate Geologist

Peter Reichardt
Project Hydrogeologist

Enclosure

c: Ellen Jackson – MDE (3 additional hard copies & CD)
Kevin Koepenick – Baltimore County DEPS (hard copy & CD)
Herb Meade – Carroll Independent Fuels Company (e-copy)
Jerry Phillips – 19200 Middletown Road (hard copy & CD)

Richard Martin – 1606 Rayville Road (hard copy & CD)
Gail Fissel – 1612 Rayville Road (hard copy & CD)
File – GES-MD (PSID # 581061)

MDE Contact: Ms. Ellen Jackson, Maryland Department of the Environment

Consultant Contact: Mr. Peter Reichardt, Groundwater & Environmental Services, Inc., Odenton, MD

Carroll Independent Fuel Contact: Mr. Herb Meade, Carroll Independent Fuel Company (CIFC)

SITE DESCRIPTION

Site Use: Wally's BP (former Citgo) is an active service station that currently operates three double-walled steel underground storage tanks (USTs), one 12,000-gallon gasoline, one 10,000-gallon diesel, and one 8,000-gallon gasoline, and three 2,000-gallon heating oil aboveground storage tanks (ASTs).

Surrounding Area: Commercial and residential properties.

Sensitive Receptors: Potable Wells – The Site is served by three onsite supply wells.

Surrounding commercial and residential properties are all served by potable wells.

Basements/Underground Receptors – The former Bait and Tackle Shop located adjacent to the Site contains a basement.

Surface Water/Wetlands – A tributary of Frog Hollow Creek is located approximately 1,500 feet to the west. The Pretty Boy Reservoir is located 1.14 miles to the southwest.

Hospitals/Childcare/Schools – None

Date of Most Recent Regulatory Correspondence: March 18, 2016

MONITORING ACTIVITIES

Monitoring Well Sampling

Frequency: Quarterly. Monitoring wells MW-5B, MW-6, MW-8A/B, MW-9A/B, MW-12B, MW-13A/B, MW-17A and RW-3 are sampled on a semi-annual basis effective Second Quarter 2014 per the MDE's Notice of Dispute Response dated March 6, 2014.

Laboratory Analyses: Full-suite volatile organic compounds (VOCs), including oxygenates and naphthalene, via EPA Method 8260 and TPH-GRO and TPH-DRO via EPA Method 8015.

Monitoring Well Gauging

Frequency: Routine monthly monitoring well gauging will be conducted on infiltration gallery monitoring wells when the system is operating. Routine gauging of all other monitoring and recovery wells will be conducted quarterly or semi-annually as required.

System Discharge Sampling

Frequency: Twice Monthly

Laboratory Analyses: Full-suite VOCs, including oxygenates and naphthalene, via EPA Method 524.2 and TPH-GRO and TPH-DRO via EPA Method 8015.

Residential Potable Well POET System Sampling

Location:	**Well Number(s):**	**Sampling Frequency:**
1606 Rayville Road:	Unknown	Quarterly
1612 Rayville Road:	Unknown	Quarterly

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

Residential Potable Well Sampling

Location:	**Sampling Frequency:**
1614, 1616, 1620, 1624, and 1717 Rayville Road; and 19119, 19124, 19200 (PW01, PW02, and PW03), 19201, and 19222 Middletown Road	Semi-annually

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

FIELD ACTIVITIES

Quarterly Groundwater Sampling Data Summary

Groundwater Sampling Dates: February 8-12, 2016 and March 9, 2016

# of Monitoring Wells in study area / # Sampled: 32/43

Groundwater Sampling Notes:

-Monitoring well sampling methodology for each individual well is summarized in **Table 5**.

-Monitoring well sampling data collection forms are attached in **Appendix C**

-Groundwater concentration hydrographs for each individual well are attached in **Appendix D**

-Groundwater purged from monitoring wells during sampling and development was processed through the groundwater P&T system for treatment prior to being discharged to the infiltration gallery.

Apparent Groundwater Flow Direction:

South and west based on groundwater elevations observed in monitoring wells; actual transport flows in bedrock in preferential pathways predominantly along bedrock strike to the SW.

Maximum Concentration:

Benzene:	18 µg/L (MW-5) on February 11, 2016
BTEX:	3,168 µg/L (MW-5) on February 11, 2016
MTBE:	2,500 µg/L (1608R) on January 13, 2016
TPH-GRO:	15,000 µg/L (MW-5) on February 11, 2016
TPH-DRO:	22,000 µg/L (MW-5) on February 11, 2016

Residential Potable Well POET System Sampling Summary

- Quarterly samples were collected from the influent, mid-fluent and effluent locations of the POET system at 1606 and 1612 Rayville Road.
- Analytical data from the residential POET system sampling is summarized in **Table 3**.

Other Field Activities Conducted First Quarter 2016

- Routine bi-monthly system O&M and discharge sampling, the first including all treatment trains and RW-2 and RW-4, the second bi-monthly O&M event including effluent and a mid-point train sample.
- Analytical data from treatment train sampling during O&M events is summarized in **Table 6**.
- A full water column from monitoring well 1608R (approximately 900 gallons) was purged, sampled and then recycled through the onsite system from January 13-19, 2016.

REMEDIAL SYSTEM DATA

Groundwater P&T System Operation

System Operating Days:	80.5 out of 95 days (December 18, 2015 to March 22, 2016)
Wells Used During Reporting Period:	RW-2 and RW-4
Groundwater Recovery	
System (Period/Cumulative):	200,816 gallons / 3,072,046 gallons
RW-1 (Period/Cumulative):	0 gallons / 873,404 gallons
RW-2 (Period/Cumulative):	66,376 gallons / 1,632,390 gallons
RW-4 (Period/Cumulative):	134,440 gallons / 566,252 gallons
Average Daily Flow (for 31 day month)	
System:	1.7 gallons per minute
RW-1:	0 gallons per minute
RW-2:	0.6 gallons per minute
RW-4:	1.2 gallons per minute
Recovery	
Dissolved-Phase BTEX (Period/Cumulative):	0.0 pounds / 0.0 pounds
Dissolved-Phase MTBE (Period/Cumulative):	0.1 pounds / 9.7 pounds
Dissolved Phase TPH-GRO (Period/Cumulative):	0.1 pounds / 5.4 pounds

System Operation Notes:

- The system was restarted on January 11, February 15, March 3, and March 15, 2016 following power interruptions;
- The onsite remediation system's carbon was replaced on February 19, 2016. The waste manifest for the change out is attached in **Appendix E – Waste Manifest**;
- The system was shut down for repairs through February 19-24 and March 18-22, 2016; and
- The water level transducer in recovery well RW-2 was replaced on April 4, 2016.

PERMITS

Water Appropriations Permit:

Permit Number:	BA2010G001(01)
Withdrawal Allocation:	Daily average of 10,000 gallons on a yearly basis Daily average of 14,400 gallons for the month of maximum use
Year to date daily average:	2,114 gallons per day (December 18th to March 22nd)
Daily average for the month of maximum use:	2,344 gallons per day (January)

Air Quality General Permit to Construct for Groundwater Air Stripping Equipment:

Identification Number:	005-9-1417 Model 4.4P
COMAR 26.11.06.06 VOC emission limit:	20 pounds per day, unless reduced by 85 percent or more overall
Maximum discharge rate during quarter:	0.02 pounds per day

Infiltration Gallery Discharge Criteria and Period Maximum Concentration:

Petroleum Constituent	Discharge Limit	Maximum Concentration During Period
Benzene	2.5 µg/L	<0.1
Toluene	50 µg/L	<0.1
Ethylbenzene	50 µg/L	<0.1
Total Xylenes	50 µg/L	<0.1
Cumulative BTEX	50 µg/L	<0.4
MTBE	10 µg/L	<0.1
Naphthalene	1.4 µg/L	<0.2
1,2 Dichloroethane	2.5 µg/L	<0.1
TPH-DRO	15 mg/L	<45
TPH-GRO	15 mg/L	<20

FUTURE ACTIVITIES

Second Quarter 2016:

- Routine gauging and sampling of monitoring and residential potable wells on a quarterly and semi-annual sampling schedule.
- Continuation of routine bi-monthly system O&M and discharge sampling including additional monthly influent sampling from RW-2 and RW-4, treatment trains during the first O&M, and effluent and a mid-point sample during second O&M.
- Monthly gauging of recovery wells and injection points.

ATTACHMENTS

LIST OF FIGURES

Figure 1 Local Area Map
Figure 2 Site Map
Figure 3 Potable Well Location Map
Figure 4 Groundwater Contour Map – Shallow A Series Wells, February 8, 2016
Figure 5 Groundwater Contour Map – Deep B Series Wells, February 8, 2016
Figure 6 Monitoring Well and POET System Potable Well Concentration Map, First Quarter 2016
Figure 7 Potable and POET Well Concentration Map, First Quarter 2016

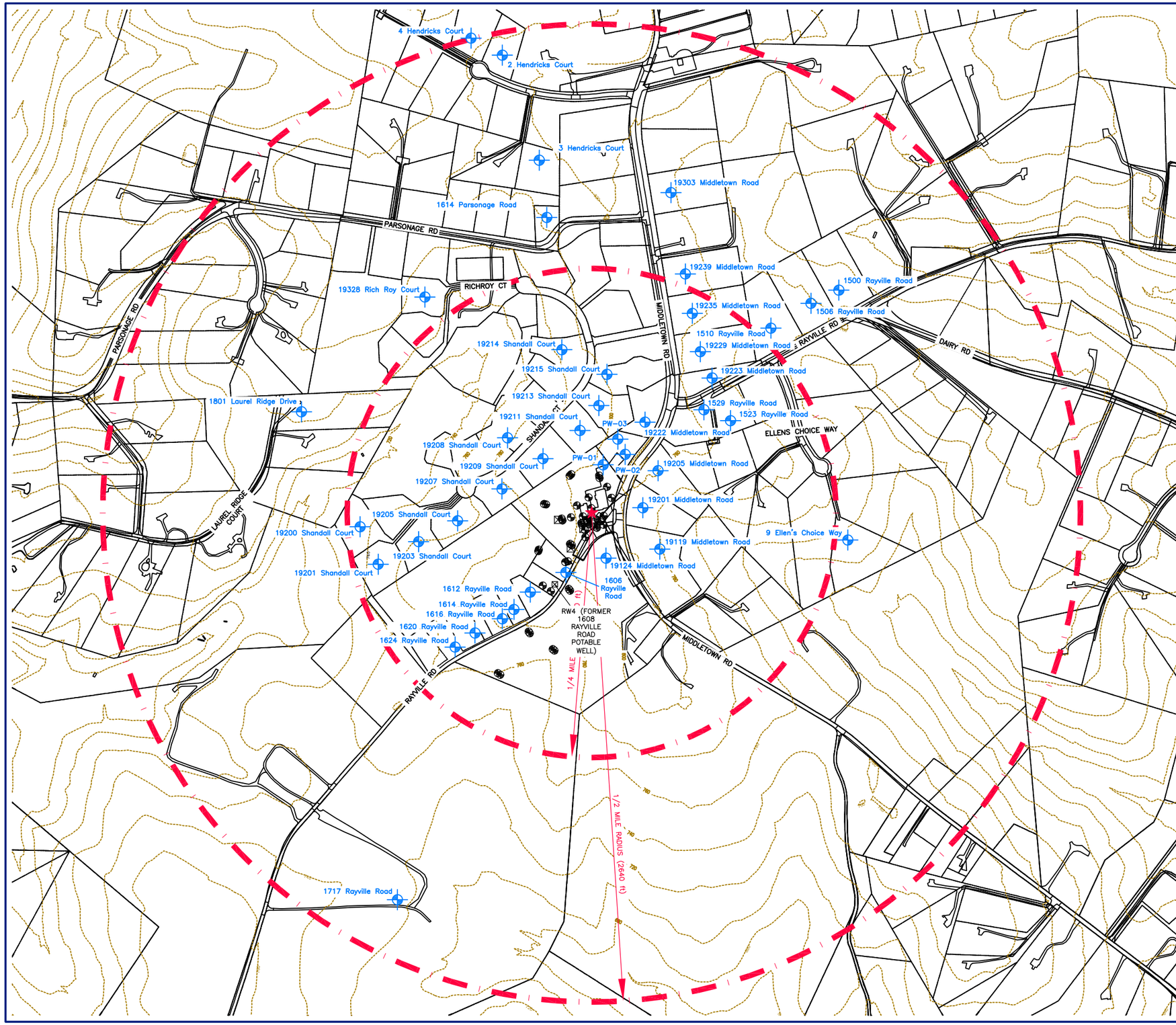
LIST OF TABLES

Table 1 Historical Groundwater Data Summary
Table 2 Historical Potable Well Data Summary
Table 3 Historical POET System Data Summary
Table 4 Monitoring Well Construction Details
Table 5 Monitoring Well Sampling Methods
Table 6 System Analytical Data Summary
Table 7 System Recovery Data Summary
Table 8 System Operational Data Summary

APPENDICES

Appendix A Historical Activity Summary
Appendix B Laboratory Reports and Chain of Custody Documentation (attached electronic on CD)
Appendix C Monitoring Well Low-Flow Sampling Purge Data
Appendix D Concentration Hydrographs
Appendix E Waste Manifest

FIGURES



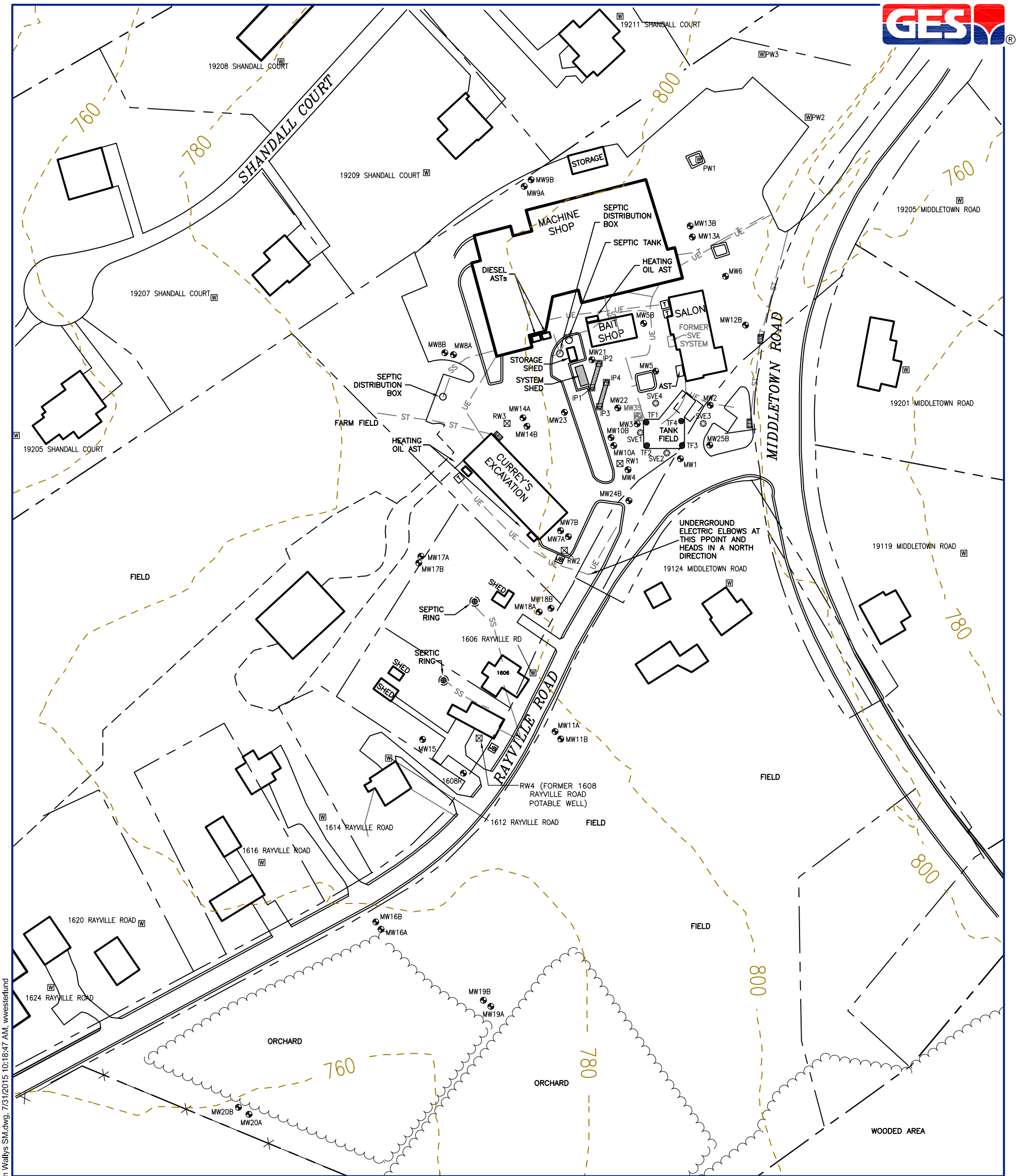
LEGEND

- SITE LOCATION
- PROPERTY BOUNDARY
- TOPOGRAPHIC CONTOUR (20 ft)
- SITE RADIUS
- TANK FIELD WELL
- MONITORING WELL
- RECOVERY WELL
- SOIL VAPOR EXTRACTION WELL
- APPROXIMATE POTABLE WELL LOCATION

SOURCE: BALTIMORE COUNTY GIS DATA. BASED ON MAP PROVIDED BY ENVIRONMENTAL ALLIANCE, INC. TITLED POTABLE WELL LOCATION MAP, DATED 8/19/2010.

DRAFTED BY: W.A.W. (N.J.)	LOCAL AREA MAP
CHECKED BY: S.A.	WALLY'S CITGO STATION 19200 MIDDLETOWN ROAD PARKTON, MARYLAND
REVIEWED BY: G.R.	
NORTH	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113
	SCALE IN FEET (APPROXIMATE) 0 550 — DATE 7-31-15 — FIGURE 1

M:\Graphics\0400-Crofton\Misc\Carroll Fuels\Carroll Fuels Parkton Wallys\Carroll Fuels Parkton Wallys LAM.dwg, 7/31/2015 12:36:19 PM, wwesterlund

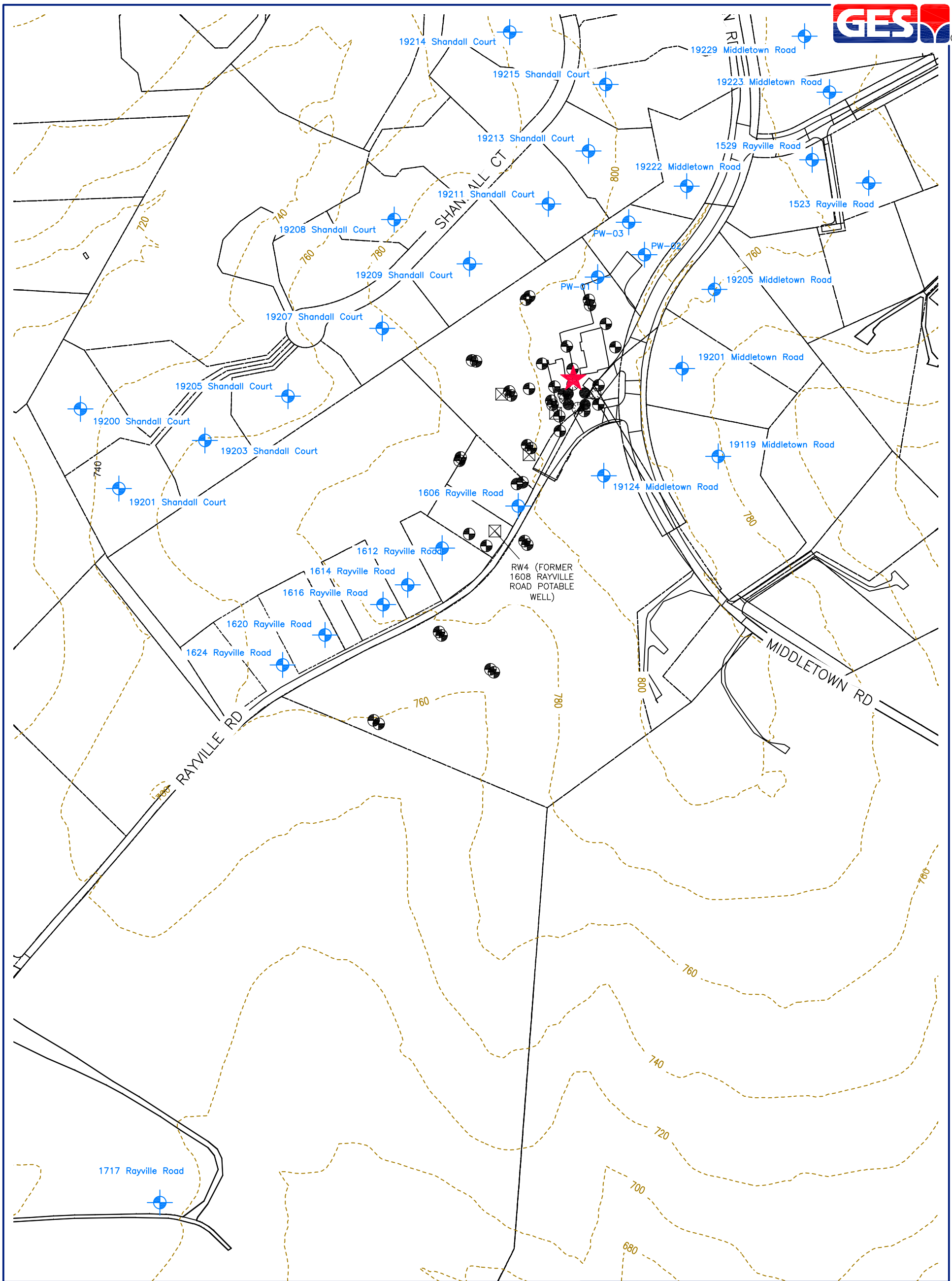


LEGEND

- PROPERTY BOUNDARY
- CATCH BASIN
- TRANSFORMER
- POTABLE WELL
- TANK FIELD WELL
- MONITORING WELL
- RECOVERY WELL
- SOIL VAPOR EXTRACTION WELL
- ABANDONED WELL
- INJECTION POINT
- SS — UNDERGROUND SANITARY SEWER LINE
- ST — UNDERGROUND STORM SEWER LINE
- T — UNDERGROUND TELEPHONE LINE
- UE — UNDERGROUND ELECTRIC LINE
- OHU — OVERHEAD UTILITY LINE
- SYSTEM SHED
- INFILTRATION GALLERY
- JB — REMEDIAL SYSTEM JUNCTION BOX

DRAFTED BY: W.A.W. (N.J.)	SITE MAP
CHECKED BY: S.A.	WALLY'S CITGO STATION 19200 MIDDLETOWN ROAD PARKTON, MARYLAND
REVIEWED BY: G.R.	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113
NORTH	SCALE IN FEET: 0 APPROXIMATE 120 / DATE: 7-31-15 / FIGURE: 2

M:\Graphics\0400-Crofton\Misc\Carroll Fuels\Carroll Fuels Parkton Wallys\Carroll Fuels Parkton Wallys SM.dwg, 7/31/2015 10:18:47 AM, wwesterlund



LEGEND

- ★ SITE LOCATION
- PROPERTY BOUNDARY
- TOPOGRAPHIC CONTOUR (20 ft)
- TANK FIELD WELL
- MONITORING WELL
- RECOVERY WELL
- SOIL VAPOR EXTRACTION WELL
- APPROXIMATE POTABLE WELL LOCATION

SOURCE: BALTIMORE COUNTY GIS DATA. BASED ON MAP PROVIDED BY ENVIRONMENTAL ALLIANCE, INC. TITLED POTABLE WELL LOCATION MAP, DATED 8/19/2010.

DRAFTED BY: W.A.W. (N.J.)

CHECKED BY: S.A.

REVIEWED BY: G.R.

NORTH

POTABLE WELL LOCATION MAP

WALLY'S CITGO STATION
19200 MIDDLETOWN ROAD
PARKTON, MARYLAND

Groundwater & Environmental Services, Inc.
1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113

SCALE IN FEET	DATE	FIGURE
0 APPROXIMATE 240	7-31-15	3

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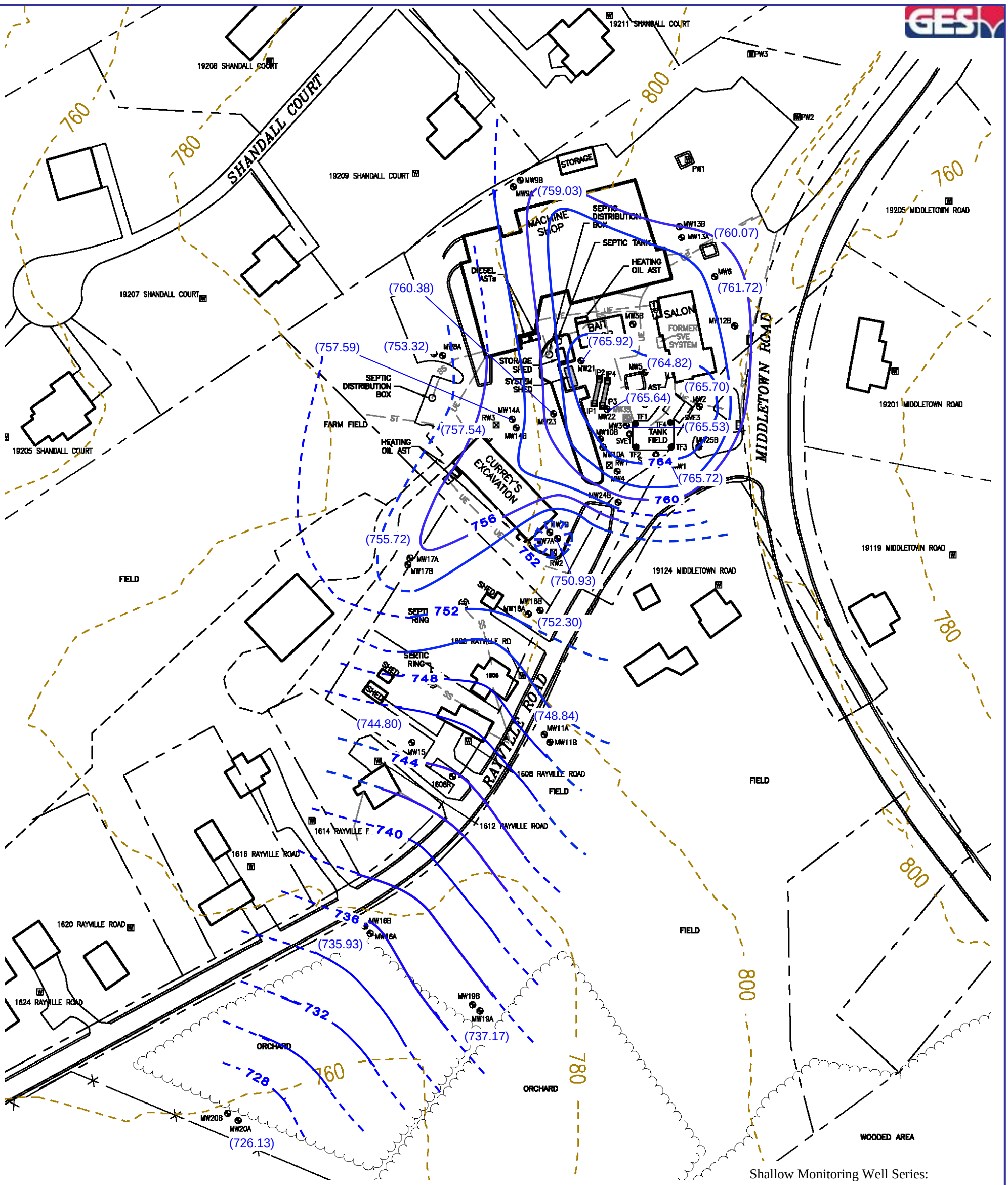


Shallow Monitoring Well Series:

MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7A, MW-8A, MW-9A MW-10A, MW-11A, MW-13A, MW-14A, MW-15, MW-16A, MW-17A, MW-18A, MW-19A, MW-20A, MW-21, MW-22, MW-23, RW-1, RW-2, and RW-3.

Note:

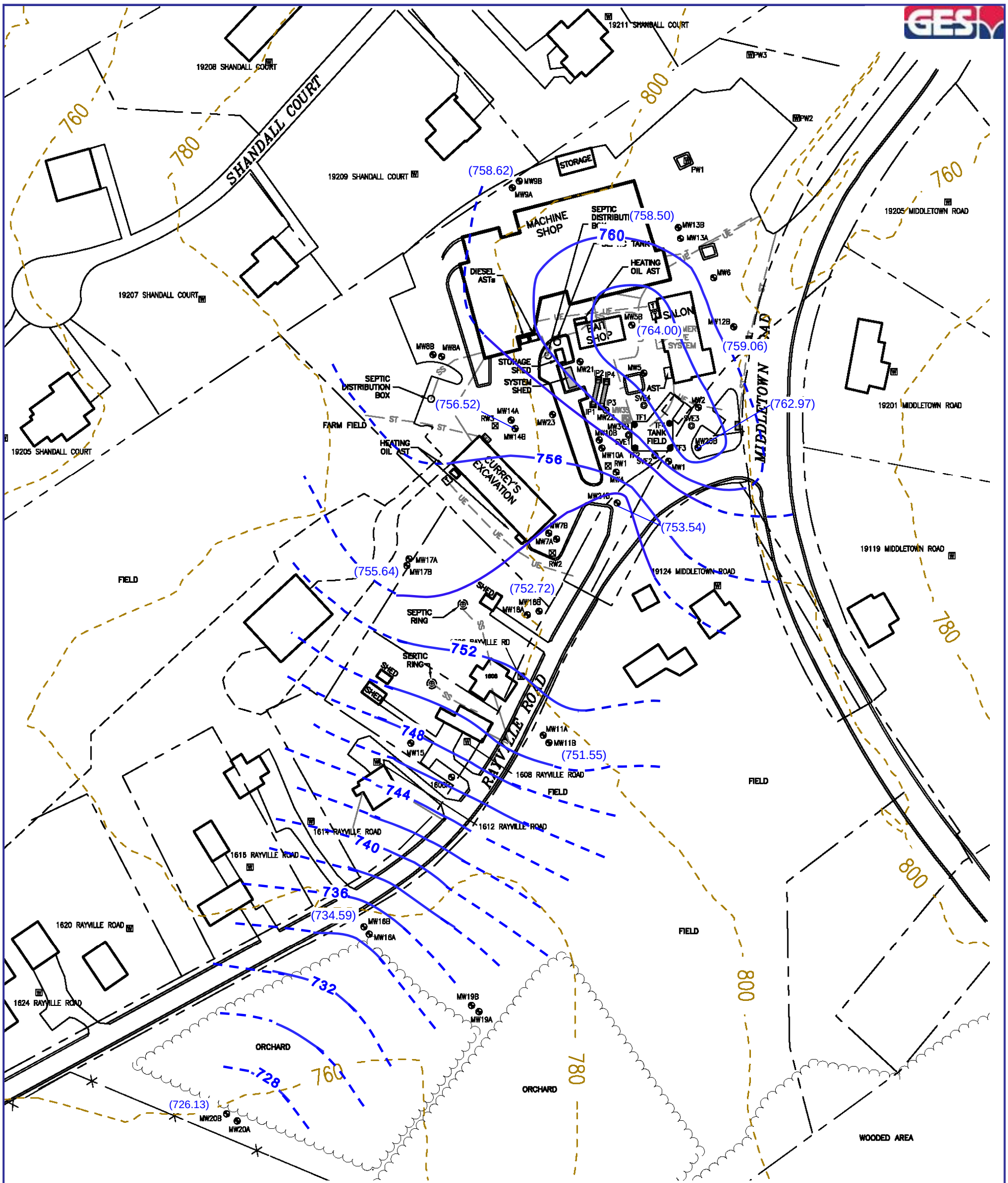
MW-4, RW-1, RW-2, and MW-10A were not measured due to large snow piles over manholes.

LEGEND

- CATCH BASIN
- POTABLE WELL
- TANK FIELD WELL
- MONITORING WELL
- RECOVERY WELL
- SOIL VAPOR EXTRACTION WELL
- ABANDONED WELL
- INJECTION POINT
- SS — UNDERGROUND SANITARY SEWER LINE
- ST — UNDERGROUND STORM SEWER LINE
- T — UNDERGROUND TELEPHONE LINE
- UE — UNDERGROUND ELECTRIC LINE
- OHU — OVERHEAD UTILITY LINE
- SYSTEM SHED
- INFILTRATION GALLERY

- GROUNDWATER CONTOUR INTERVAL (feet)
- INFERRED CONTOUR INTERVAL (feet)
- (723.58) GROUNDWATER ELEVATION

DRAFTED BY: LK	GROUNDWATER CONTOUR MAP SHALLOW A SERIES WELLS, February 8, 2016
CHECKED BY: DM	WALLY'S CITGO STATION 19200 MIDDLETOWN ROAD PARKTON, MARYLAND
REVIEWED BY: GR	Groundwater & Environmental Services, Inc. 1350 Blair Drive, Suite A, Odenton, Maryland 21113
NORTH	Scale in Feet 0 120 / DATE 04-11-2016 / FIGURE 4



LEGEND

- CATCH BASIN
- POTABLE WELL
- TANK FIELD WELL
- MONITORING WELL
- RECOVERY WELL
- SOIL VAPOR EXTRACTION WELL
- ABANDONED WELL
- INJECTION POINT
- SS — UNDERGROUND SANITARY SEWER LINE
- ST — UNDERGROUND STORM SEWER LINE
- T — UNDERGROUND TELEPHONE LINE
- UE — UNDERGROUND ELECTRIC LINE
- OHU — OVERHEAD UTILITY LINE
- SYSTEM SHED
- INFILTRATION GALLERY

Notes:

Monitoring wells MW-7B, MW-8B, and MW-10B were not measured due to large snow piles over manholes.

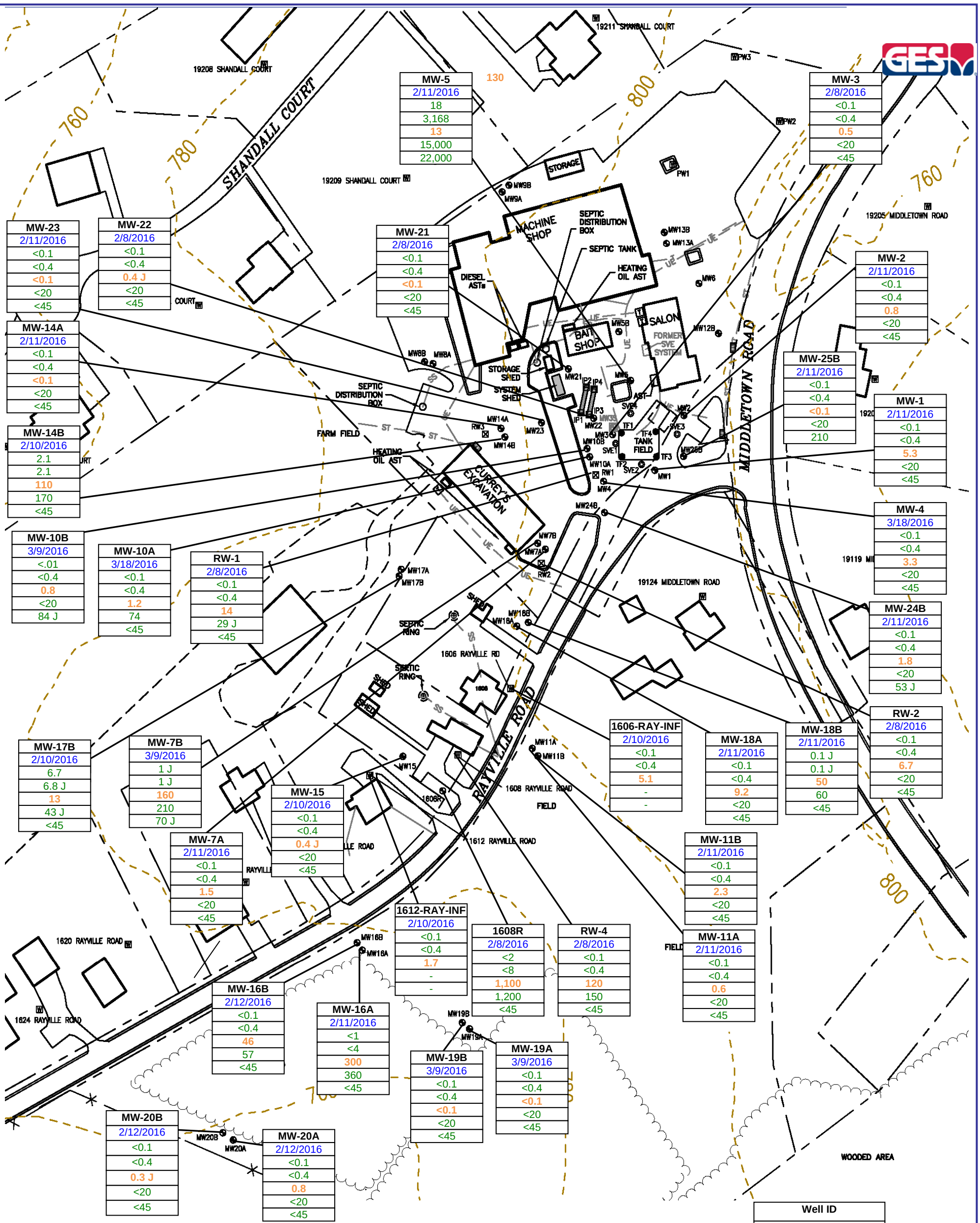
Groundwater elevation data from monitoring well MW-19B was not included due to its inconsistently high elevation of 761.35 feet, see **Table 1** for historic groundwater elevation data.

Monitoring Wells Contoured:

MW-5B, MW-7B, MW-9B, MW-10B, MW-11B, MW-12B, MW-13B, MW-14B, MW-16B, MW-17B, MW-18B, MW-19B, MW-20B, MW-24B, and MW-25B

- **GROUNDWATER CONTOUR INTERVAL (feet)**
- **INFERRED CONTOUR INTERVAL (feet)**
- (723.58) **GROUNDWATER ELEVATION**

DRAFTED BY: LK	**GROUNDWATER CONTOUR MAP DEEP B SERIES WELLS, February 8, 2016**
CHECKED BY: DM	**WALLY'S CITGO STATION 19200 MIDDLETOWN ROAD PARKTON, MARYLAND**
REVIEWED BY: GR	**Groundwater & Environmental Services, Inc.** 1350 Blair Drive, Suite A, Odenton, Maryland 21113
NORTH	Scale in Feet 0 120 / DATE **04-15-2016** / FIGURE **5**



Well ID
Date
Benzene
BTEX
MTBE
TPH-GRO
TPH-DRO

LEGEND

- CATCH BASIN
- POTABLE WELL
- TANK FIELD WELL
- MONITORING WELL
- RECOVERY WELL
- SOIL VAPOR EXTRACTION WELL
- ABANDONED WELL
- INJECTION POINT
- SS — UNDERGROUND SANITARY SEWER LINE
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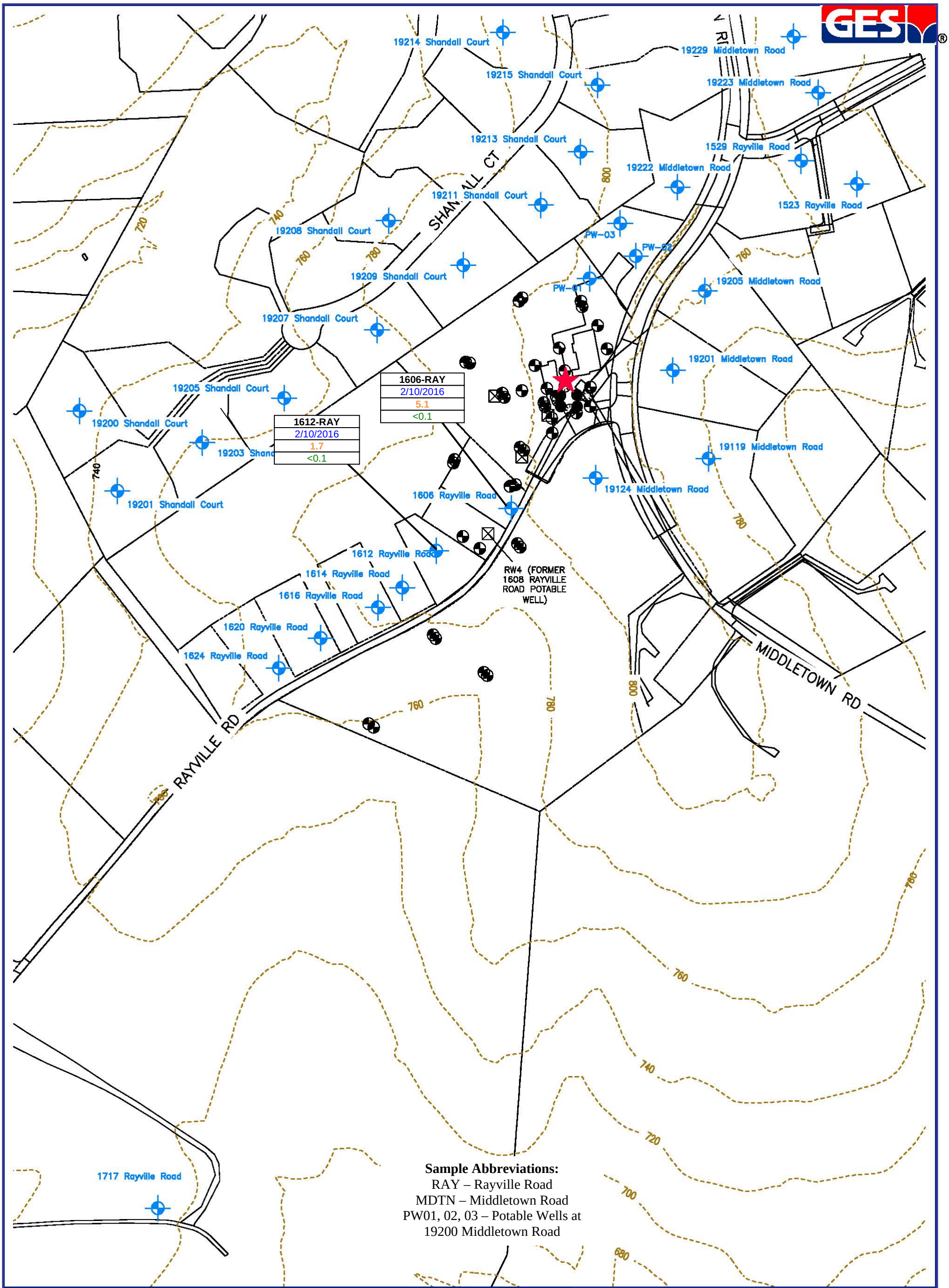
- T — UNDERGROUND TELEPHONE LINE
- UE — UNDERGROUND ELECTRIC LINE
- OHU — OVERHEAD UTILITY LINE
- SYSTEM SHED
- INFILTRATION GALLERY

Notes:

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

DRAFTED BY: BH	MONITORING WELL AND POET SYSTEM POTABLE WELL CONCENTRATION MAP FIRST QUARTER 2016
CHECKED BY: DM	WALLY'S CITGO STATION 19200 MIDDLETOWN ROAD PARKTON, MARYLAND
REVIEWED BY:	Groundwater & Environmental Services, Inc. 1350 Blair Drive, Suite A, Odenton, Maryland 21113
NORTH	Scale in Feet 0 120 / DATE 04-18-2016 / FIGURE 6



LEGEND

- ★ SITE LOCATION
- PROPERTY BOUNDARY
- TOPOGRAPHIC CONTOUR (20 ft)
- ● TANK FIELD WELL
- MONITORING WELL
- ⊠ RECOVERY WELL
- SOIL VAPOR EXTRACTION WELL
- APPROXIMATE POTABLE WELL LOCATION

SOURCE: BALTIMORE COUNTY GIS DATA. BASED ON MAP PROVIDED BY ENVIRONMENTAL ALLIANCE, INC. TITLED POTABLE WELL LOCATION MAP, DATED 8/19/2010.

Well ID
Sample Date
MTBE (ug/L)
Benzene (ug/L)

DRAFTED BY: JH

CHECKED BY: DM

REVIEWED BY:

NORTH

POTABLE AND POET WELL CONCENTRATION MAP
FIRST QUARTER 2016

WALLY'S CITGO STATION
19200 MIDDLETOWN ROAD
PARKTON, MARYLAND

Groundwater & Environmental Services, Inc.
1350 Blair Drive, Suite A, Odenton, Maryland 21113

Scale in Feet: 0 – 120

DATE: 04-18-2016

FIGURE: 7

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TABLES

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
IP-1	12/01/2011	NR	7.98	-	8.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/06/2011	NR	8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/07/2011	NR	7.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/08/2011	NR	7.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/09/2011	NR	7.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/13/2011	NR	7.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/19/2011	NR	8.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/22/2011	NR	7.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/28/2011	NR	7.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	01/03/2012	NR	8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	01/09/2012	NR	7.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	01/16/2012	NR	7.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	01/24/2012	NR	7.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	01/31/2012	NR	7.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	02/08/2012	NR	7.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	02/15/2012	NR	7.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	02/22/2012	NR	7.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	02/27/2012	NR	7.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	03/09/2012	NR	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	03/27/2012	NR	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	04/06/2012	NR	7.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	04/16/2012	NR	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	05/15/2012	NR	6.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	06/05/2012	NR	7.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	06/19/2012	NR	7.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	07/12/2012	NR	8.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	07/25/2012	NR	7.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	08/20/2012	NR	7.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	09/04/2012	NR	7.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	10/25/2012	NR	7.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	11/05/2012	NR	7.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/12/2012	NR	7.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	01/22/2013	NR	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	02/11/2013	NR	7.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	03/07/2013	NR	7.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	04/18/2013	NR	7.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	05/13/2013	NR	7.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	06/03/2013	NR	7.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	07/26/2013	NR	7.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	08/05/2013	NR	7.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	09/05/2013	NR	7.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	10/08/2013	NR	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	11/18/2013	NR	7.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/20/2013	NR	7.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	01/23/2014	NR	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
IP-1	02/10/2014	NR	8.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	03/11/2014	NR	8.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	03/21/2014	NR	6.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	04/04/2014	NR	7.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	04/21/2014	NR	7.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	05/06/2014	NR	7.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	05/22/2014	NR	6.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	06/09/2014	NR	8.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	06/27/2014	NR	7.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	07/10/2014	NR	8.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	11/03/2014	NR	8.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	02/02/2015	NR	7.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	02/10/2015	NR	7.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	02/16/2015	NR	7.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	02/27/2015	NR	7.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	03/19/2015	NR	7.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	04/08/2015	NR	7.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	04/20/2015	NR	7.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	05/01/2015	NR	7.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	05/18/2015	NR	7.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	06/04/2015	NR	7.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	07/10/2015	NR	7.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	08/03/2015	NR	6.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	09/01/2015	NR	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	10/19/2015	NR	7.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	11/02/2015	NR	7.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	12/08/2015	NR	6.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	01/04/2016	NR	7.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-1	03/04/2016	NR	6.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/01/2011	NR	8.80	-	9.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/06/2011	NR	8.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/07/2011	NR	8.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/08/2011	NR	8.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/09/2011	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/13/2011	NR	8.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/19/2011	NR	8.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/22/2011	NR	8.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/28/2011	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	01/03/2012	NR	8.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	01/09/2012	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	01/16/2012	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	01/24/2012	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	01/31/2012	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/08/2012	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/15/2012	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
IP-2	02/22/2012	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/27/2012	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	03/09/2012	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	03/27/2012	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	04/06/2012	NR	8.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	04/16/2012	NR	8.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	05/15/2012	NR	7.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	06/05/2012	NR	8.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	06/19/2012	NR	8.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	07/12/2012	NR	8.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	07/25/2012	NR	8.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	08/20/2012	NR	8.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	09/04/2012	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	10/25/2012	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	11/05/2012	NR	8.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/12/2012	NR	8.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	01/22/2013	NR	8.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/11/2013	NR	8.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	03/07/2013	NR	8.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	04/18/2013	NR	8.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	05/13/2013	NR	8.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	06/03/2013	NR	8.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	07/26/2013	NR	8.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	08/05/2013	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	09/05/2013	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	10/08/2013	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	11/18/2013	NR	8.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/20/2013	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/10/2014	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/24/2014	NR	8.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/26/2014	NR	8.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	03/11/2014	NR	8.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	03/21/2014	NR	7.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	04/04/2014	NR	8.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	04/21/2014	NR	8.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	05/06/2014	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	05/22/2014	NR	8.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	06/09/2014	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	06/23/2014	NR	8.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	07/10/2014	NR	8.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	11/03/2014	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/02/2015	NR	8.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/10/2015	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/16/2015	NR	8.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	02/27/2015	NR	8.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
IP-2	03/19/2015	NR	8.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	04/08/2015	NR	8.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	04/20/2015	NR	8.40																									
IP-2	05/01/2015	NR	8.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	05/18/2015	NR	8.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	06/04/2015	NR	8.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	07/10/2015	NR	8.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	08/03/2015	NR	8.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	09/01/2015	NR	8.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	10/19/2015	NR	8.23																									
IP-2	11/02/2015	NR	8.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	12/08/2015	NR	8.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	01/04/2016	NR	8.38																									
IP-2	02/08/2016	NR	8.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-2	03/04/2016	NR	7.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/01/2011	NR	8.15	-	8.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/06/2011	NR	8.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/07/2011	NR	7.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/08/2011	NR	7.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/09/2011	NR	8.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/13/2011	NR	8.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/19/2011	NR	8.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/22/2011	NR	8.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/28/2011	NR	7.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	01/03/2012	NR	8.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	01/09/2012	NR	8.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	01/16/2012	NR	8.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	01/24/2012	NR	8.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	01/31/2012	NR	8.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/08/2012	NR	8.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/15/2012	NR	8.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/22/2012	NR	8.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/27/2012	NR	7.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	03/09/2012	NR	7.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	03/27/2012	NR	7.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	04/06/2012	NR	8.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	04/16/2012	NR	7.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	05/15/2012	NR	7.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	06/05/2012	NR	7.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	06/19/2012	NR	7.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	07/12/2012	NR	8.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	07/25/2012	NR	7.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	08/20/2012	NR	7.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	09/04/2012	NR	8.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	10/25/2012	NR	7.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
IP-3	12/12/2012	NR	7.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	01/22/2013	NR	7.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/11/2013	NR	7.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	03/07/2013	NR	7.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	04/18/2013	NR	7.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	05/13/2013	NR	7.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	06/03/2013	NR	7.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	07/26/2013	NR	7.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	08/05/2013	NR	7.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	09/05/2013	NR	7.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	10/08/2013	NR	7.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	11/18/2013	NR	7.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/20/2013	NR	7.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	01/23/2014	NR	7.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/10/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/24/2014	NR	7.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/26/2014	NR	7.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	03/11/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	04/04/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	04/21/2014	NR	7.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	05/06/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	05/22/2014	NR	7.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	06/09/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	06/23/2014	NR	7.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	07/10/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	11/03/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/02/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/10/2015	NR	8.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/16/2015	NR	8.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	02/27/2015	NR	7.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	03/19/2015	NR	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	04/08/2015	NR	7.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	04/20/2015	NR	7.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	05/01/2015	NR	7.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	05/18/2015	NR	7.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	06/04/2015	NR	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	07/10/2015	NR	7.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	08/03/2015	NR	7.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	09/01/2015	NR	7.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	10/19/2015	NR	7.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	11/02/2015	NR	7.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	12/08/2015	NR	7.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-3	01/04/2016	NR	7.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/01/2011	NR	DRY	-	7.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/06/2011	NR	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
IP-4	12/07/2011	NR	7.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/08/2011	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/09/2011	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/13/2011	NR	DRY	-	7.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/19/2011	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/22/2011	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/28/2011	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	01/03/2012	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	01/09/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
IP-4	01/16/2012	NR	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	01/24/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	01/31/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/08/2012	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/15/2012	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/22/2012	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/27/2012	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	03/09/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	03/27/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	04/06/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	04/16/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	05/15/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	06/05/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	06/19/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	07/12/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	07/25/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	08/20/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	09/04/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	10/25/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	11/05/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/12/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	01/22/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/11/2013	NR	DRY	-	7.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	03/07/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	04/18/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	05/13/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	06/03/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	07/26/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	08/05/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	09/05/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	10/08/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	11/18/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/20/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	01/23/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/10/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/24/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
IP-4	02/26/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	03/11/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	03/21/2014	NR	DRY	-	7.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	04/04/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	04/21/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	05/06/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	05/22/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	06/09/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	06/23/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	07/10/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	11/03/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/02/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/10/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/16/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/27/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	03/19/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	04/08/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	04/20/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	05/01/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	05/18/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	06/04/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	07/10/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	08/03/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	09/01/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	10/19/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	11/02/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/08/2015	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	01/04/2016	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	02/08/2016	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	03/04/2016	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	09/12/2005	802.09	41.25	760.84	-	3 J	<0.7	<0.8	14	17	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/01/2005	802.09	41.50	760.59	-	3 J	1 J	<0.8	17	21	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	01/20/2006	802.09	39.02	763.07	-	2 J	<0.7	<0.8	10	12	3 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/12/2006	802.09	41.52	760.57	-	3 J	<0.7	<0.8	11	14	3 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	09/20/2006	802.09	42.71	759.38	-	3 J	<0.7	<0.8	12	15	4 J	-	<0.8	<0.8	48 J	900	360	-	-	<1	-	-	-	-	-	-	-	-
MW-1	11/02/2006	802.09	42.04	760.05	61.5	2 J	<0.7	<0.8	6	8	6	-	<0.8	<0.8	35 J	360	280	-	-	<1	-	-	-	-	-	-	-	-
MW-1	04/23/2007	802.09	36.33	765.76	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	04/24/2007	802.09	36.33	765.76	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	220	-	-	<1	-	-	-	-	-	-	-	-
MW-1	08/08/2007	802.09	42.46	759.63	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.9 J	-	<0.8	<0.8	<10	110	270	-	-	<1	-	-	-	-	-	-	-	-
MW-1	11/07/2007	802.09	45.06	757.03	-	1 J	<0.7	<0.8	4 J	5	22	-	<0.8	0.8 J	26 J	300	12,000	-	-	<1	-	-	-	-	-	-	-	-
MW-1	02/21/2008	802.09	40.77	761.32	-	<0.5	<0.7	<0.8	1 J	1	61	-	<0.8	1 J	33 J	120	260	-	-	<1	-	-	-	-	-	-	-	-
MW-1	05/14/2008	802.09	36.32	765.77	-	<0.5	<0.7	<0.8	<0.8	<2.8	6	-	<0.8	<0.8	<10	<20	360	-	-	<1	-	-	-	-	-	-	-	-
MW-1	08/13/2008	802.09	40.88	761.21	-	<0.5	<0.7	<0.8	<0.8	<2.8	4 J	-	<0.8	<0.8	<10	<20	180	-	-	<1	-	-	-	-	-	-	-	-
MW-1	11/19/2008	802.09	43.45	758.64	-	<0.5	<0.7	<0.8	<0.8	<2.8	8	-	<0.8	<0.8	<10	<20	140	-	-	<1	-	-	-	-	-	-	-	-
MW-1	02/10/2009	802.09	41.77	760.32	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-1	05/18/2009	802.09	38.23	763.86	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-1	08/17/2009	802.09	42.11	759.98	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-1	11/23/2009	802.09	38.16	763.93	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	61.5	108	-	-	<1	-	-	-	-	-	-	-	-
MW-1	02/17/2010	802.09	37.23	764.86	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	34.3	104	-	-	<1	-	-	-	-	-	-	-	-
MW-1	05/18/2010	802.09	39.19	762.90	-	<2	<2	<2	<2	<8	<2	-	<2	<2	<10	<100	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-1	06/03/2010	802.09	40.01	762.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	08/17/2010	802.09	42.87	759.22	-	<1	<1	<1	<1	<4	10.3	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-1	11/22/2010	802.09	44.01	758.08	-	<1	<1	<1	<1	<4	36.5	-	<1	<1	<5	<100	297	-	-	<1	-	-	-	-	-	-	-	-
MW-1	02/14/2011	802.09	44.44	757.65	-	<1	<1	<1	<1	<4	6.95	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-1	04/25/2011	802.09	35.27	766.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	04/28/2011	802.09	37.29	764.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/24/2011	802.09	36.94	765.15	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-1	08/22/2011	802.09	42.30	759.79	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	162	-	-	<1	-	-	-	-	-	-	-	-
MW-1	11/28/2011	802.09	36.10	765.99	61.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/30/2011	802.09	37.02	765.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/01/2011	802.09	37.02	765.07	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<180	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-1	12/06/2011	802.09	36.81	765.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/07/2011	802.09	39.49	762.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/08/2011	802.09	39.87	762.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/09/2011	802.09	37.80	764.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/13/2011	802.09	36.27	765.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/19/2011	802.09	38.81	763.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/28/2011	802.09	36.60	765.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	01/03/2012	802.09	39.47	762.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	01/09/2012	802.09	40.16	761.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	01/16/2012	802.09	40.85	761.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	01/17/2012	802.09	40.85	761.24	-	<1	<1	<1	<2	<5	66.1	<1	<1	<1	79.6	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-1	01/24/2012	802.09	41.13	760.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	01/31/2012	802.09	41.58	760.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/08/2012	802.09	41.96	760.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/15/2012	802.09	42.12	759.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/22/2012	802.09	42.31	759.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/27/2012	802.09	40.62	761.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	03/05/2012	802.09	42.70	759.39	61.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	03/07/2012	802.09	44.21	757.88	60.95	<1	<1	<1	<2	<5	110	<1	<1	2.08	<5	<100	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-1	04/06/2012	802.09	41.77	760.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/07/2012	802.09	46.39	755.70	60.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/08/2012	802.09	46.28	755.81	60.97	<2	<2	<2	<4	<10	104	<2	<2	<2	117	<100	246	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-1	06/05/2012	802.09	46.47	755.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	07/25/2012	802.09	49.03	753.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	08/20/2012	802.09	49.25	752.84	61.00	<1	<1	<1	<2	<5	112	<1	<1	2.08	214	463	194	<1	<1	<1	<1	<1	1 VC	1 VC	<1	<1	<1	<1
MW-1	09/04/2012	802.09	43.10	758.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	10/25/2012	802.09	43.57	758.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/05/2012	802.09	38.91	763.18	60.97	<2	<2	<2	<4	<10	224	<2	<2	2.94	184	<100	<153	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-1	12/12/2012	802.09	40.75	761.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-1	01/22/2013	802.09	43.37	758.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/11/2013	802.09	38.45	763.64	60.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/12/2013	802.09	NR	-	-	<1	<1	<1	<2	<5	31.1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
MW-1	03/07/2013	802.09	41.26	760.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	04/18/2013	802.09	42.24	759.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/13/2013	802.09	43.00	759.09	60.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/14/2013	802.09	NR	-	-	<0.5	<0.5	<0.5	<1	<3	54.6	<0.5	<0.5	0.88	95.2	130	<154	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-1	06/03/2013	802.09	42.03	760.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	07/26/2013	802.09	44.18	757.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	08/05/2013	802.09	44.28	757.81	60.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	08/06/2013	802.09	NR	-	-	<2	<2	<2	<4	<10	69.3	<2	<2	<2	191	134	241	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-1	09/05/2013	802.09	44.31	757.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	10/08/2013	802.09	45.69	756.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/18/2013	802.09	45.06	757.03	60.94	<2	<2	<2	<4	<10	81.4	<2	<2	<2	125	99.30 J	55.4 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-1	12/20/2013	802.09	43.92	758.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/24/2014	802.09	36.94	765.15	60.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/25/2014	802.09	NR	-	-	<1	<1	<1	<2	<5	9.85	<1	<1	<1	<5	29.0 J	<27.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-1	05/06/2014	802.09	32.59	769.50	61.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/07/2014	802.09	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<23.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-1	08/06/2014	802.09	40.58	761.51	60.95	<1	<1	<1	<2	<5	14	<1	<1	<1	<5	<13	31.4 J	<1	<1	<1	<1	<1 2e	<1	<1	<1	<1	<1	<1
MW-1	11/03/2014	802.09	43.82	758.27	61.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/04/2014	802.09	NR	-	-	<1	<1	<1	<2	<5	15.9	<1	<1	<1	<5	24.8 J	65.0 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-1	02/02/2015	802.09	43.25	758.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/04/2015	802.09	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	9.6	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-1	05/18/2015	802.09	39.91	762.18	60.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/19/2015	802.09	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	23	<0.1	<0.1	0.2 J	9.0 J	30 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-1	08/10/2015	802.09	40.53	761.56	60.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	08/11/2015	802.09	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	18	<0.1	<0.1	0.2 J	15	29 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	0.1 J	<0.1
MW-1	11/02/2015	802.09	40.84	761.25	60.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	11/03/2015	802.09	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	14	<0.1	<0.1	0.2 J	12	30 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.1
MW-1	02/08/2016	802.09	36.37	765.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	02/11/2016	802.09	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	5.3	<0.1	<0.1	<0.1	5.8 J	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-2	09/12/2005	801.83	42.66	759.17	-	4 J	<0.7	<0.8	29	33	7	-	-	-	-	-	-											
MW-2	12/01/2005	801.83	40.62	761.21	-	3 J	<0.7	<0.8	26	29	5 J	-	-	-	-	-	-											
MW-2	01/20/2006	801.83	38.97	762.86	-	1 J	<0.7	<0.8	10	11	3 J	-	-	-	-	-	-											
MW-2	05/12/2006	801.83	40.68	761.15	-	1 J	<0.7	<0.8	5	6	2 J	-	-	-	-	-	-											
MW-2	09/20/2006	801.83	41.63	760.20	-	1 J	<0.7	<0.8	6	7	3 J	-	<0.8	<0.8	41 J	800	240	-	-	<1	-	-	-	-	-	-	-	-
MW-2	11/02/2006	801.83	40.82	761.01	-	0.9 J	<0.7	<0.8	4 J	5	2 J	-	<0.8	<0.8	26 J	580	290	-	-	<1	-	-	-	-	-	-	-	-
MW-2	04/24/2007	801.83	36.45	765.38	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.7 J	-	<0.8	<0.8	17 J	36 J	1,700	-	-	<1	-	-	-	-	-	-	-	-
MW-2	08/08/2007	801.83	41.35	760.48	-	<0.5	<0.7	<0.8	<0.8	<2.8	1 J	-	<0.8	<0.8	<10	120	<290	-	-	<1	-	-	-	-	-	-	-	-
MW-2	11/07/2007	801.83	43.38	758.45	-	<0.5	<0.7	<0.8	2 J	2	2 J	-	<0.8	<0.8	11 J	130	<290	-	-	<1	-	-	-	-	-	-	-	-
MW-2	02/21/2008	801.83	40.77	761.06	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	190	-	-	<1	-	-	-	-	-	-	-	-
MW-2	05/14/2008	801.83	36.95	764.88	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	370	-	-	<1	-	-	-	-	-	-	-	-
MW-2	08/13/2008	801.83	39.89	761.94	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	190	-	-	<1	-	-	-	-	-	-	-	-
MW-2	11/19/2008	801.83	42.13	759.70	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.6 J	-	<0.8	<0.8	<10	<20	89 J	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-2	02/10/2009	801.83	40.23	761.60	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-2	05/18/2009	801.83	38.34	763.49	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-2	08/17/2009	801.83	41.06	760.77	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-2	11/23/2009	801.83	37.90	763.93	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	35.2	166	-	-	<1	-	-	-	-	-	-	-	-
MW-2	02/17/2010	801.83	37.14	764.69	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	34.4	122	-	-	<1	-	-	-	-	-	-	-	-
MW-2	05/18/2010	801.83	38.52	763.31	-	<2	<2	<2	<2	<8	<2	-	<2	<2	<10	<100	<600	-	-	<2	-	-	-	-	-	-	-	-
MW-2	06/03/2010	801.83	39.15	762.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	08/17/2010	801.83	41.51	760.32	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-2	11/22/2010	801.83	42.53	759.30	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	189	-	-	<1	-	-	-	-	-	-	-	-
MW-2	02/14/2011	801.83	43.08	758.75	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-2	04/25/2011	801.83	36.02	765.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	04/28/2011	801.83	36.03	765.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/24/2011	801.83	36.08	765.75	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-2	08/22/2011	801.83	41.19	760.64	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-2	11/28/2011	801.83	36.71	765.12	59.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/30/2011	801.83	36.83	765.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/01/2011	801.83	36.83	765.00	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<155	<1	<1	<1	<1	1 MS	<1	<1	<1	<1	<1	<1
MW-2	12/06/2011	801.83	37.17	764.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/07/2011	801.83	37.23	764.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/08/2011	801.83	37.33	764.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/09/2011	801.83	36.90	764.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/13/2011	801.83	36.46	765.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/19/2011	801.83	36.07	765.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/28/2011	801.83	35.45	766.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	01/03/2012	801.83	35.95	765.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	01/09/2012	801.83	36.35	765.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	01/16/2012	801.83	36.72	765.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	01/17/2012	801.83	36.73	765.10	-	<1	<1	<1	<2	<5	9.08	<1	<1	<1	49.9	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-2	01/24/2012	801.83	37.10	764.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	01/31/2012	801.83	37.45	764.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/08/2012	801.83	37.96	763.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/15/2012	801.83	38.23	763.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/22/2012	801.83	38.39	763.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/27/2012	801.83	38.56	763.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	03/05/2012	801.83	38.67	763.16	59.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	03/07/2012	801.83	38.88	762.95	59.57	<1	<1	<1	<2	<5	1.85	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-2	04/06/2012	801.83	39.90	761.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/07/2012	801.83	41.12	760.71	59.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/08/2012	801.83	41.12	760.71	59.57	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	182	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-2	06/05/2012	801.83	40.26	761.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	07/25/2012	801.83	41.54	760.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	08/20/2012	801.83	42.08	759.75	59.56	<1	<1	<1	<2	<5	1.77	<1	<1	<1	8.4	147	<150	<1	<1	<1	<1	<1	1 VC	1 VC	<1	<1	<1	<1
MW-2	09/04/2012	801.83	41.52	760.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	10/25/2012	801.83	41.87	759.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/05/2012	801.83	37.00	764.83	59.59	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-2	12/12/2012	801.83	39.25	762.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	01/22/2013	801.83	39.26	762.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/11/2013	801.83	36.20	765.63	59.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/12/2013	801.83	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
MW-2	03/07/2013	801.83	37.78	764.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	04/18/2013	801.83	38.60	763.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/13/2013	801.83	39.30	762.53	59.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/14/2013	801.83	NR	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<100	<152	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-2	06/03/2013	801.83	39.58	762.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	07/26/2013	801.83	40.07	761.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	08/05/2013	801.83	40.15	761.68	59.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	08/06/2013	801.83	NR	-	-	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	63.2 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-2	09/05/2013	801.83	40.50	761.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	10/08/2013	801.83	41.76	760.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/18/2013	801.83	41.28	760.55	59.62	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-2	12/20/2013	801.83	40.55	761.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/24/2014	801.83	35.97	765.86	59.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/25/2014	801.83	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-2	05/06/2014	801.83	33.57	768.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/07/2014	801.83	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	23.7 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-2	08/06/2014	801.83	39.45	762.38	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<23.4	<1	<1	<1	<1	<1 2e	<1	<1	<1	<1	<1	<1
MW-2	11/03/2014	801.83	42.36	759.47	59.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/04/2014	801.83	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	26.2 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-2	02/02/2015	801.83	41.58	760.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/04/2015	801.83	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-2	05/18/2015	801.83	38.70	763.13	59.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/19/2015	801.83	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.80	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-2	08/10/2015	801.83	39.04	762.79	59.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	08/11/2015	801.83	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-2	11/02/2015	801.83	39.40	762.43	59.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	11/03/2015	801.83	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-2	02/08/2016	801.83	36.13	765.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	02/11/2016	801.83	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	<0.1	<0.1	<0.1	27	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-3	09/12/2005	801.45	41.35	760.10	-	110	120	34 J	380	644	17,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/01/2005	801.45	40.58	760.87	-	20	3 J	6	210	239	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	01/20/2006	801.45	38.85	762.60	-	18	53	21	300	392	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/12/2006	801.45	40.58	760.87	-	100	110	40	350	600	15,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	09/20/2006	801.45	41.44	760.01	-	17	12	7	170	206	270	-	3 J	12	140	3,400	990	-	-	<1	-	-	-	-	-	-	-	-
MW-3	11/02/2006	801.45	40.95	760.50	-	16 J	8 J	<8	130	154	6,500	-	31 J	230	2,900	12,000	1,300	-	-	<10	-	-	-	-	-	-	-	-
MW-3	04/24/2007	801.45	36.51	764.94	-	<10	<14	<16	28 J	28	29,000	-	120	1,000	13,000	36,000	2,400	-	-	<20	-	-	-	-	-	-	-	-
MW-3	08/08/2007	801.45	41.12	760.33	-	3 J	<4	<4	29	32	26,000	-	91	940	12,000	34,000	1,300	-	-	<5	-	-	-	-	-	-	-	-
MW-3	11/07/2007	801.45	42.80	758.65	-	<50	<70	<80	<80	<280	81,000	-	300 J	1,900	28,000	87,000	1,700	-	-	<100	-	-	-	-	-	-	-	-
MW-3	02/21/2008	801.45	40.68	760.77	-	<25	<35	<40	<40	<140	69,000	-	190 J	1,700	26,000	89,000	2,500	-	-	<50	-	-	-	-	-	-	-	-
MW-3	05/14/2008	801.45	37.17	764.28	-	3 J	<1	<2	26	29	1,800	-	10 J	46	1,200	1,600	600	-	-	<2	-	-	-	-	-	-	-	-
MW-3	08/13/2008	801.45	39.90	761.55	-	<5	<7	<8	29 J	29	8,600	-	29 J	230	5,100	3,400	940	-	-	<10	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-3	11/19/2008	801.45	42.18	759.27	-	<10	<14	<16	21 J	21	8,600	-	21 J	150	5,100	8,100	880	-	-	<20	-	-	-	-	-	-	-	-
MW-3	02/10/2009	801.45	40.57	760.88	-	4.1	<2	3.08	29	36	34,500	-	210	1,050	44,800	942	<40	-	-	<2	-	-	-	-	-	-	-	-
MW-3	05/18/2009	801.45	38.40	763.05	-	2.26	<2	2.08	17.5	22	4,190	-	17.4	99.3	3,280	611	<40	-	-	<2	-	-	-	-	-	-	-	-
MW-3	08/17/2009	801.45	41.00	760.45	-	<2	<2	<2	43.3	43	793	-	15.5	89.5	6,130	1,600	<40	-	-	<2	-	-	-	-	-	-	-	-
MW-3	11/23/2009	801.45	37.96	763.49	-	<2	2.60	3.58	25.1	31	1,080	-	5.32	35.0	2,990	881	<40	-	-	<2	-	-	-	-	-	-	-	-
MW-3	02/17/2010	801.45	37.07	764.38	-	<2	<2	<2	8.66	9	422	-	2.3	11	429	176	145	-	-	<2	-	-	-	-	-	-	-	-
MW-3	05/18/2010	801.45	38.28	763.17	-	7.52	8.18	30.8	79.3	125.8	4,060	-	22.1	120	10,100	1,710	1,170	-	-	<2	-	-	-	-	-	-	-	-
MW-3	06/03/2010	801.45	38.88	762.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	08/17/2010	801.45	41.44	760.01	-	6.96	3.34	27.5	44.1	81.9	11,200	-	39.0	236	19,400	3,050	978	-	-	<2	-	-	-	-	-	-	-	-
MW-3	11/22/2010	801.45	42.49	758.96	-	<2	<2	<2	39.6	40	4,150	-	24.6	73.7	3,880	1,750	309	-	-	<2	-	-	-	-	-	-	-	-
MW-3	02/14/2011	801.45	43.45	758.00	-	<2	<2	<2	64.0	64	2,100	-	<2	54.6	1,950	1,420	323	-	-	<2	-	-	-	-	-	-	-	-
MW-3	04/25/2011	801.45	36.30	765.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	04/28/2011	801.45	36.61	764.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/24/2011	801.45	36.84	764.61	-	<2	<2	<2	23.0	23	1,300	-	4.32	20.0	1,740	1,130	248	-	-	<2	-	-	-	-	-	-	-	-
MW-3	08/22/2011	801.45	41.25	760.20	-	<1	<1	<1	28.87	29	122	-	<1	2.96	574	771	236	-	-	<1	-	-	-	-	-	-	-	-
MW-3	11/28/2011	801.45	37.40	764.05	61.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	11/30/2011	801.45	36.68	764.77	-	<1	<1	<1	9.1	9	970	1.27	2.45	12	2,680	244	<150	3.33	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-3	12/01/2011	801.45	37.12	764.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/06/2011	801.45	37.40	764.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/07/2011	801.45	37.28	764.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/08/2011	801.45	36.59	764.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/09/2011	801.45	35.96	765.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/13/2011	801.45	36.41	765.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/19/2011	801.45	34.94	766.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/28/2011	801.45	34.48	766.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	01/03/2012	801.45	34.51	766.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	01/09/2012	801.45	35.05	766.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	01/16/2012	801.45	35.38	766.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	01/17/2012	801.45	35.35	766.10	-	<1	<1	<1	<2	<5	438	<1	3.79	9.36	1,480	424	452	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-3	01/24/2012	801.45	35.72	765.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	01/31/2012	801.45	36.29	765.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/08/2012	801.45	36.67	764.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/15/2012	801.45	36.92	764.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/22/2012	801.45	37.15	764.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/27/2012	801.45	38.07	763.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	03/05/2012	801.45	37.15	764.30	61.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	03/07/2012	801.45	17.60	783.85	61.55	<2	<2	<2	<4	<10	596	<2	<2	15.8	1,460	365	<308	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-3	04/06/2012	801.45	38.92	762.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/07/2012	801.45	69.65	731.80	69.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/09/2012	801.45	39.48	761.97	61.52	<1	<1	<1	<2	<5	285 VH	<1	1.45 VH	4.45	627	119	188	<1	<1	<1	<1	1 VH	<1	1 VC	<1	<1	<1	<1
MW-3	06/05/2012	801.45	38.90	762.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	07/25/2012	801.45	39.81	761.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	08/20/2012	801.45	40.28	761.17	61.55	15.8	18.3	4.54	21.3	59.9	908	18.4	3.8	14.1	1,970	182	<152	6.38	<2	<2	<2	<2	2.7	<2	<2	<2	<2	<2
MW-3	09/04/2012	801.45	40.50	760.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	10/25/2012	801.45	41.15	760.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-3	11/05/2012	801.45	36.66	764.79	61.55	<2	<2	<2	3	3	1,270	<2	4.82	15.6	1,870	<100	171	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-3	12/12/2012	801.45	38.50	762.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	01/22/2013	801.45	38.15	763.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/11/2013	801.45	35.66	765.79	61.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/12/2013	801.45	NR	-	-	<2	<2	<2	<4	<10	499	<2	<2	6.16	584	<100	<153	<2	<2	<2	<2	2 VH	<2	2 VC	<2	<2	<2	2 VH
MW-3	03/07/2013	801.45	36.63	764.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	04/18/2013	801.45	37.65	763.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/13/2013	801.45	38.11	763.34	61.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/14/2013	801.45	NR	-	-	<0.5	<0.5	<0.5	<1	<3	81.2	<0.5	<0.5	1.19	52	116	<156	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-3	06/03/2013	801.45	38.83	762.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	07/26/2013	801.45	39.15	762.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	08/05/2013	801.45	39.33	762.12	61.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	08/06/2013	801.45	NR	-	-	<1	<1	<1	<2	<5	372	<1	<1	<1	<5	275	47.7 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-3	09/05/2013	801.45	39.90	761.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	10/08/2013	801.45	40.84	760.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	11/18/2013	801.45	40.55	760.90	61.58	<2	<2	<2	<4	<10	282	2.04	<2	4.84	797	333	78.3 J	<2	<2	<2	<2	<2	2.44	<2	<2	<2	<2	<2
MW-3	12/20/2013	801.45	40.03	761.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/24/2014	801.45	35.61	765.84	61.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/25/2014	801.45	NR	-	-	<2	<2	<2	<4	<10	151	<2	<2	<2	433	233	245	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-3	05/06/2014	801.45	33.57	767.88	61.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/07/2014	801.45	NR	-	-	<1	<1	<1	4.12	4.12	48	3.83	<1	<1	364	126	<23.2	<1	<1	<1	<1	<1	2.25	<1	<1	<1	<1	<1
MW-3	08/06/2014	801.45	39.26	762.19	-	1.44	<1	<1	<2	1.44	149	5.47	<2	2.07	523	78.9 J	418	<1	<1	<1	<1	<1 2e	4.38	<1	<1	<1	1.26	<1
MW-3	11/03/2014	801.45	42.53	758.92	61.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	11/04/2014	801.45	NR	-	-	1.01	<1	<1	<2	1.01	88.9	<1	<1	1.55	252	264	250	<1	<1	<1	<1	<1	5.02	<1	<1	<1	3.02	<1
MW-3	02/02/2015	801.45	41.96	759.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	02/04/2015	801.45	NR	-	-	0.6	<0.1	<0.1	0.2 J	0.8	24	0.2 J	0.1 J	<0.1	78	280	73 J	<0.1	<0.1	<0.1	<0.1	<0.2	2.9	0.1 J	<0.1	<0.1	2.2	<0.1
MW-3	05/18/2015	801.45	37.38	764.07	61.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	05/19/2015	801.45	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	17	<0.1	<0.1	0.1 J	<4.0	21 J	160	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-3	08/10/2015	801.45	37.70	763.75	61.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	08/11/2015	801.45	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	9	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-3	11/02/2015	801.45	38.13	763.32	61.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	11/03/2015	801.45	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	2.7	<0.1	<0.1	<0.1	<4	<20	54 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-3	02/08/2016	801.45	35.92	765.53	61.60	<0.1	<0.1	<0.1	<0.1	<0.4	0.5	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-3S	09/20/2006	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3S	11/02/2006	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3S	04/24/2007	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3S	08/08/2007	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3S	11/07/2007	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3S	01/23/2008	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/01/2005	801.35	40.79	760.56	-	46	5 J	2 J	67	120	1,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	01/20/2006	801.35	37.04	764.31	-	3 J	0.9 J	<0.8	6	10	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/12/2006	801.35	40.80	760.55	-	53	2 J	<0.8	26	81	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	09/20/2006	801.35	40.98	760.37	-	76	15	3 J	85	179	2,700	-	24	76	1,000	5,500	670	-	-	<3	-	-	-	-	-	-	-	-
MW-4	11/02/2006	801.35	41.30	760.05	-	55	8 J	<8	62	125	5,800	-	34 J	140	2,300	10,000	1,200	-	-	<10	-	-	-	-	-	-	-	-
MW-4	04/24/2007	801.35	36.75	764.60	-	4 J	<0.7	<0.8	4 J	8	780	-	5 J	18	360	1,400	340	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-4	08/08/2007	801.35	41.40	759.95	-	<0.5	<0.7	<0.8	<0.8	<2.8	230	-	1 J	4 J	<10	380	<290	-	-	<1	-	-	-	-	-	-	-	-
MW-4	11/07/2007	801.35	43.40	757.95	-	<1	<1	<2	<2	<6	970	-	6 J	20	210	1,300	180	-	-	<2	-	-	-	-	-	-	-	-
MW-4	02/21/2008	801.35	40.90	760.45	-	2 J	<1	<2	7 J	9	2,600	-	9 J	47	1,300	3,700	430	-	-	<2	-	-	-	-	-	-	-	-
MW-4	05/14/2008	801.35	37.30	764.05	-	<0.5	<0.7	<0.8	<0.8	<2.8	140	-	<0.8	2 J	<10	85	64 J	-	-	<1	-	-	-	-	-	-	-	-
MW-4	08/13/2008	801.35	39.95	761.40	-	<0.5	<0.7	<0.8	<0.8	<2.8	180	-	1 J	3 J	<10	75	70 J	-	-	<1	-	-	-	-	-	-	-	-
MW-4	11/19/2008	801.35	42.39	758.96	-	<0.5	<0.7	1 J	4 J	5	460	-	2 J	8	66 J	460	200	-	-	<1	-	-	-	-	-	-	-	-
MW-4	02/10/2009	801.35	40.52	760.83	-	<1	<1	<1	2.29	2	16.0	-	<1	<1	<5	54.6	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-4	05/18/2009	801.35	38.35	763.00	-	<1	<1	<1	<1	<4	14.2	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-4	08/17/2009	801.35	41.25	760.10	-	<1	<1	<1	<1	<4	101	-	<1	1.35	<5	113	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-4	11/23/2009	801.35	38.04	763.31	-	<1	1.97	4.21	10.66	17	24.1	-	<1	<1	278	104	31.9	-	-	<1	-	-	-	-	-	-	-	-
MW-4	02/17/2010	801.35	37.25	764.10	-	<1	<1	<1	<1	<4	7.54	-	<1	<1	<5	37	81.8	-	-	<1	-	-	-	-	-	-	-	-
MW-4	05/18/2010	801.35	38.72	762.63	-	<2	<2	<2	3.26	3	103	-	<2	<2	<10	<100	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-4	06/03/2010	801.35	39.30	762.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	08/17/2010	801.35	41.75	759.60	-	<1	<1	<1	1.57	2	399	-	<1	2.48	12.8	167	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-4	11/22/2010	801.35	42.83	758.52	-	<1	<1	<1	<1	<4	83.0	-	<1	1.41	6.55	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-4	02/14/2011	801.35	43.60	757.75	-	<1	<1	<1	<1	<4	37.7	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-4	04/25/2011	801.35	36.08	765.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	04/28/2011	801.35	36.71	764.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/24/2011	801.35	37.10	764.25	-	<1	<1	<1	<1	<4	4.11	-	<1	<1	<5	<100	151	-	-	<1	-	-	-	-	-	-	-	-
MW-4	08/22/2011	801.35	41.44	759.91	-	<1	<1	<1	1.65	2	27.4	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-4	11/28/2011	801.35	36.81	764.54	59.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	11/30/2011	801.35	36.91	764.44	-	<1	<1	<1	<2	<5	4.07	<1	<1	<1	<5	<100	<170	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-4	12/06/2011	801.35	37.42	763.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/07/2011	801.35	37.82	763.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/08/2011	801.35	37.79	763.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/09/2011	801.35	37.38	763.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/13/2011	801.35	36.76	764.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/19/2011	801.35	36.82	764.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/28/2011	801.35	36.10	765.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	01/03/2012	801.35	36.18	765.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	01/09/2012	801.35	36.57	764.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	01/16/2012	801.35	36.95	764.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	01/17/2012	801.35	37.35	764.00	-	<1	<1	<1	1	1	506	<1	43.8	11	599	455	<152	<1	<1	<1	<1	<1	1.07	<1	<1	<1	<1	<1
MW-4	01/24/2012	801.35	37.57	763.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	01/31/2012	801.35	37.83	763.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	02/08/2012	801.35	38.13	763.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	02/15/2012	801.35	38.40	763.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	02/22/2012	801.35	38.72	762.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	02/27/2012	801.35	38.53	762.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	03/05/2012	801.35	38.75	762.60	59.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	03/07/2012	801.35	38.94	762.41	59.15	<2	<2	<2	2	2	750	<2	3.88	16.7	664	420	<151	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-4	04/06/2012	801.35	39.83	761.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/07/2012	801.35	41.07	760.28	59.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/08/2012	801.35	41.05	760.30	59.13	<2	<2	<2	3	3	1,380	2.08 VC	<2	13	494	327	281	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-4	06/05/2012	801.35	40.64	760.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-4	07/25/2012	801.35	41.58	759.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	08/20/2012	801.35	41.96	759.39	59.20	<2	<2	<2	3	3	1,190	4.56	4.24	21	1,040	127	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-4	09/04/2012	801.35	41.17	760.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	10/25/2012	801.35	41.70	759.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	11/05/2012	801.35	37.38	763.97	59.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	11/08/2012	801.35	NR	-	-	<2	<2	<2	<4	<10	496	<2	<2	11.2	232	<100	<153	<2	<2	<2	<2	2 VC	<2	<2	<2	<2	<2	<2
MW-4	12/12/2012	801.35	38.80	762.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	01/22/2013	801.35	39.33	762.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	02/11/2013	801.35	37.30	764.05	49.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	02/12/2013	801.35	NR	-	-	<2	<2	<2	<4	<10	548	<2	<2	6.7	212	<100	301	<2	<2	<2	<2	2 VH	<2	2 VC	<2	<2	<2	2 VH
MW-4	03/07/2013	801.35	37.80	763.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	04/18/2013	801.35	38.61	762.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/13/2013	801.35	39.22	762.13	58.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/14/2013	801.35	NR	-	-	<0.5	<0.5	<0.5	<1	<3	194	<0.5	<0.5	2.87	46	250	164	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-4	06/03/2013	801.35	39.55	761.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	07/26/2013	801.35	40.26	761.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	08/05/2013	801.35	40.38	760.97	58.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	08/06/2013	801.35	NR	-	-	<2	<2	<2	<4	<10	225	<2	<2	<2	<10	209	91.9 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-4	09/05/2013	801.35	40.79	760.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	10/08/2013	801.35	41.85	759.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	11/18/2013	801.35	41.42	759.93	58.95	<2	<2	<2	<4	<10	228	<2	<2	3.30	124	169	81.0 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-4	12/20/2013	801.35	40.98	760.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	01/23/2014	801.35	36.91	764.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	02/10/2014	801.35	37.23	764.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	02/24/2014	801.35	36.61	764.74	58.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	02/25/2014	801.35	NR	-	-	<2	<2	<2	<4	<10	97.2	<2	<2	<2	45.8	116	346	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-4	03/11/2014	801.35	36.38	764.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	03/21/2014	801.35	35.86	765.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	04/04/2014	801.35	35.09	766.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	04/21/2014	801.35	35.15	766.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/06/2014	801.35	33.99	767.36	58.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/07/2014	801.35	NR	-	-	<1	<1	<1	<2	<5	7.21	<1	<1	<1	<5	<13	60.8 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-4	05/22/2014	801.35	34.46	766.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/09/2014	801.35	36.00	765.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/23/2014	801.35	36.61	764.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	07/10/2014	801.35	38.26	763.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	08/06/2014	801.35	39.28	762.07	59.00	<1	<1	<1	<2	<5	42.9	<1	<1	<1	30.5	<13	52.4 J	<1	<1	<1	<1	<1 2e	<1	<1	<1	<1	<1	<1
MW-4	11/03/2014	801.35	42.75	758.60	58.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	11/04/2014	801.35	NR	-	-	<1	<1	<1	<2	<5	22.9	<1	<1	<1	<5	24.9 J	<92.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-4	02/02/2015	801.35	42.16	759.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	02/04/2015	801.35	NR	-	-	0.2 J	<0.1	<0.1	<0.1	0.2 J	27	<0.1	0.1 J	0.5 J	33	53	<45	<0.1	<0.1	<0.1	<0.1	<0.2	0.5 J	<0.1	<0.1	<0.1	0.4 J	<0.1
MW-4	05/18/2015	801.35	38.21	763.14	58.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/19/2015	801.35	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	22	<0.1	0.2 J	0.3 J	6.4 J	27 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J
MW-4	08/10/2015	801.35	38.83	762.52	58.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	08/11/2015	801.35	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	14	<0.1	<0.1	0.1 J	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-4	11/02/2015	801.35	39.15	762.20	58.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	11/03/2015	801.35	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	23	<0.1	0.1 J	0.2 J	<4	23 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J
MW-4	03/18/2016	801.35	35.96	765.39	58.91	<0.1	<0.1	<0.1	<0.1	<0.4	3.3	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	0.2 J
MW-5B	08/14/2008	802.64	41.05	761.59	-	3 J	<0.7	<0.8	3 J	6	0.8 J	-	<0.8	<0.8	17 J	38 J	670	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	11/20/2008	802.64	43.02	759.62	-	2 J	<0.7	<0.8	2 J	4	0.6 J	-	<0.8	<0.8	24 J	61	720	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	02/11/2009	802.64	41.40	761.24	-	1.25	<1	<1	1.52	3	<1	-	<1	<1	13.1	72.2	<80	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	05/19/2009	802.64	40.11	762.53	-	1.36	<1	<1	<1	1	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	08/18/2009	802.64	41.89	760.75	-	<1	<1	<1	1.01	1	<1	-	<1	<1	<5	61.9 J	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	11/24/2009	802.64	38.98	763.66	-	<1	<1	<1	1.07	1	<1	-	<1	<1	<5	66.8	122	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	02/18/2010	802.64	38.20	764.44	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	57.5	139	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	05/20/2010	802.64	38.86	763.78	-	<1	<1	<1	<1	<4	<1	-	<1	<1	35	<100	<300	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	06/03/2010	802.64	40.18	762.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	08/17/2010	802.64	42.24	760.40	-	<1	<1	<1	<1	<4	<1	-	<1	<1	13.2	<100	234	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	11/23/2010	802.64	43.13	759.51	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	184	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	02/16/2011	802.64	44.16	758.48	-	2.98	<1	<1	<1	3	1.76	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	04/25/2011	802.64	38.46	764.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	04/28/2011	802.64	38.09	764.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	05/25/2011	802.64	37.95	764.69	-	1.53	<1	<1	<1	2	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	08/22/2011	802.64	41.86	760.78	-	1.29	<1	<1	<1	1	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-5B	11/28/2011	802.64	39.17	763.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	11/30/2011	802.64	85.98	716.66	-	<1	<1	<1	1	1	<1	<1	<1	<1	<5	<100	<155	<1	<1	1 V4	<1	<1	<1	<1	<1	<1	<1	<1
MW-5B	12/06/2011	802.64	64.08	738.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	12/07/2011	802.64	61.76	740.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	12/08/2011	802.64	59.60	743.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	12/09/2011	802.64	57.50	745.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	12/13/2011	802.64	51.34	751.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	12/19/2011	802.64	45.10	757.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	12/28/2011	802.64	39.78	762.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	01/03/2012	802.64	38.15	764.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	01/09/2012	802.64	37.15	765.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	01/16/2012	802.64	36.65	765.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	01/19/2012	802.64	36.58	766.06	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-5B	01/24/2012	802.64	75.23	727.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	01/31/2012	802.64	57.45	745.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	02/08/2012	802.64	47.75	754.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	02/15/2012	802.64	43.35	759.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	02/22/2012	802.64	41.10	761.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	02/27/2012	802.64	40.20	762.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	03/05/2012	802.64	39.52	763.12	100.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	03/08/2012	802.64	39.32	763.32	100.24	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-5B	04/06/2012	802.64	44.50	758.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	05/07/2012	802.64	40.65	761.99	100.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	05/09/2012	802.64	40.64	762.00	100.17	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<300	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-5B	06/05/2012	802.64	45.87	756.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	07/25/2012	802.64	40.97	761.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-5B	08/20/2012	802.64	41.27	761.37	100.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	08/22/2012	802.64	41.57	761.07	100.27	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	168	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-5B	09/04/2012	802.64	58.65	743.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	10/25/2012	802.64	42.07	760.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	11/05/2012	802.64	40.30	762.34	100.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	11/06/2012	802.64	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	1 VC	<1	<1
MW-5B	12/12/2012	802.64	41.68	760.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	01/22/2013	802.64	39.45	763.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	02/11/2013	802.64	38.02	764.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	02/14/2013	802.64	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VC
MW-5B	03/07/2013	802.64	45.74	756.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	04/18/2013	802.64	38.41	764.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	05/13/2013	802.64	39.26	763.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	05/16/2013	802.64	NR	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<100	<150	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-5B	06/03/2013	802.64	49.96	752.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	07/26/2013	802.64	40.05	762.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	08/05/2013	802.64	40.12	762.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	08/08/2013	802.64	NR	-	-	<1	<1	<1	1.04	1.04	<1	<1	<1	<1	<5	34.5 J	33.0 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-5B	09/05/2013	802.64	44.85	757.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	10/08/2013	802.64	41.79	760.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	11/18/2013	802.64	41.37	761.27	100.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	11/21/2013	802.64	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	88.4 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-5B	12/20/2013	802.64	45.08	757.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	02/24/2014	802.64	37.60	765.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	02/27/2014	802.64	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-5B	08/05/2014	802.64	39.52	763.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	11/03/2014	802.64	43.02	759.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	11/05/2014	802.64	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	104 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-5B	02/02/2015	802.64	42.83	759.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	05/18/2015	802.64	38.42	764.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	05/21/2015	802.64	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	56 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-5B	08/10/2015	802.64	38.90	763.74		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	11/02/2015	802.64	39.51	763.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5B	11/05/2015	802.64	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	170	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-5B	02/08/2016	802.64	38.64	764.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	12/01/2005	802.18	40.75	761.43	-	210	4,000	1,100	7,100	12,410	2,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	01/20/2006	802.18	39.55	762.63	-	210	4,700	950	7,600	13,460	3,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/12/2006	802.18	40.80	761.38	-	150	960	240	2,300	3,650	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	09/20/2006	802.18	40.97	761.21	-	170	1,900	570	3,600	6,240	1,800	-	110	110	48,000	31,000	49,000	-	-	59	-	-	-	-	-	-	-	-
MW-5	11/02/2006	802.18	41.00	761.18	-	34	130	55	690	909	1,000	-	53	63	18,000	5,900	19,000	-	-	<1	-	-	-	-	-	-	-	-
MW-5	04/24/2007	802.18	36.94	765.24	-	6	7	15	180	208	37	-	1 J	3 J	320	1,500	1,300	-	-	<1	-	-	-	-	-	-	-	-
MW-5	08/08/2007	802.18	41.33	760.85	-	6	4 J	39	160	209	63	-	2 J	3 J	1,400	1,500	4,600	-	-	2 J	-	-	-	-	-	-	-	-
MW-5	11/07/2007	802.18	43.04	759.14	-	6	3 J	10	32	51	100	-	3 J	6	700	540	3,300	-	-	2 J	-	-	-	-	-	-	-	-
MW-5	02/21/2008	802.18	40.83	761.35	-	3 J	4 J	21	170	198	31	-	<0.8	2 J	250	1,200	3,700	-	-	<1	-	-	-	-	-	-	-	-
MW-5	05/15/2008	802.18	37.63	764.55	-	2 J	11	23	120	156	12	-	<0.8	0.9 J	1,000	710	3,800	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-5	08/13/2008	802.18	40.11	762.07	-	3 J	6	49	100	158	16	-	<0.8	1 J	4,200	660	4,300	-	-	<1	-	-	-	-	-	-	-	-
MW-5	11/19/2008	802.18	42.16	760.02	-	10	25	180	80	295	42	-	2 J	2 J	9,400	1,700	8,900	-	-	6	-	-	-	-	-	-	-	-
MW-5	02/10/2009	802.18	40.59	761.59	-	4.32	19.4	67.1	103	194	21.9	-	<2	<2	4,240	794	1,030	-	-	<2	-	-	-	-	-	-	-	-
MW-5	05/18/2009	802.18	38.64	763.54	-	2.76	15.9	16.4	66.4	101.5	9.76	-	<2	<2	633	340	300	-	-	<2	-	-	-	-	-	-	-	-
MW-5	08/17/2009	802.18	41.11	761.07	-	7.74	53.1	76.4	169	306	26.5	-	1.07	<1	7,460	2,010	1,310	-	-	<1	-	-	-	-	-	-	-	-
MW-5	11/23/2009	802.18	38.26	763.92	-	2.21	12.2	25.1	59.3	98.8	6.46	-	<1	<1	1,080	338	172	-	-	<1	-	-	-	-	-	-	-	-
MW-5	02/17/2010	802.18	37.53	764.65	-	<2	<2	<2	9.2	9	4.14	-	<2	<2	125	225	141	-	-	<2	-	-	-	-	-	-	-	-
MW-5	05/18/2010	802.18	38.70	763.48	-	<2	6.66	6.4	44.2	57	6.84	-	<2	<2	345	213	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-5	06/03/2010	802.18	39.25	762.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	08/17/2010	802.18	41.54	760.64	-	10.1	16.5	57.8	73.9	158.3	20.9	-	<2	<2	4,350	733	794	-	-	3.14	-	-	-	-	-	-	-	-
MW-5	11/22/2010	802.18	42.46	759.72	-	16.8	56.8	101	150.8	325	21.9	-	<1	1.13	1,900	2,290	2,740	-	-	<1	-	-	-	-	-	-	-	-
MW-5	02/14/2011	802.18	43.30	758.88	-	4.80	<2	6.30	4.86	16	53.4	-	<2	<2	3,270	736	2,520	-	-	6.46	-	-	-	-	-	-	-	-
MW-5	04/25/2011	802.18	36.73	765.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	04/28/2011	802.18	36.67	765.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/24/2011	802.18	37.20	764.98	-	4.68	<2	3.30	9.18	17	7.84	-	<2	<2	321	276	640	-	-	<2	-	-	-	-	-	-	-	-
MW-5	08/22/2011	802.18	41.23	760.95	-	31.0	19.8	102	265.5	418	21.3	-	1.46	<1	6,220	2,620	8,440	-	-	<1	-	-	-	-	-	-	-	-
MW-5	11/28/2011	802.18	37.42	764.76	49.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	11/30/2011	802.18	37.09	765.09	-	3.7	29.8	22.1	133.1	188.7	4.17	10.4	<1	<1	723	722	1,560	31.8	3.07	<1	9.83	<1	5.92	1.73	7.01	<1	2.08	<1
MW-5	12/01/2011	802.18	37.41	764.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	12/06/2011	802.18	37.74	764.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	12/07/2011	802.18	37.66	764.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	12/08/2011	802.18	37.44	764.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	12/09/2011	802.18	36.83	765.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	12/13/2011	802.18	36.94	765.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	12/19/2011	802.18	35.66	766.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	12/28/2011	802.18	35.12	767.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	01/03/2012	802.18	35.25	766.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	01/09/2012	802.18	35.78	766.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	01/16/2012	802.18	36.15	766.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	01/17/2012	802.18	36.06	766.12	-	33.3	1,140	643	5,090	6,906	39.2	331	<2	<2	25,800	26,300	-	1890	145	<2	565	-	139	134	208	22.1	28.9	<2
MW-5	01/24/2012	802.18	36.55	765.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	01/31/2012	802.18	37.08	765.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/08/2012	802.18	37.52	764.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/15/2012	802.18	37.76	764.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/22/2012	802.18	37.53	764.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/27/2012	802.18	38.62	763.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	03/05/2012	802.18	38.15	764.03	49.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	03/07/2012	802.18	38.52	763.66	49.25	12.6	216	373	2,216	2,818	33.6	148	<2	<2	11,400	8,760	10,300	952	28.3	<2	297	<2	65.6	39.6	140	9.26	14.9	<2
MW-5	04/06/2012	802.18	39.74	762.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/07/2012	802.18	40.77	761.41	40.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/09/2012	802.18	40.65	761.53	49.22	16.4	73	89	242	420	16.1	93.9 VC	<1	<1	4,690	14,000	14,700	121	7.72	<1	82.3	<1	34.6	12.4 VC	46.7	9.59	9.99	<1
MW-5	06/05/2012	802.18	39.91	762.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	07/25/2012	802.18	40.88	761.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	08/20/2012	802.18	41.27	760.91	49.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	08/21/2012	802.18	41.27	760.91	49.22	43.9	336	190	923	1,493	65.6	168	<2	<2	8,320	17,700	53,000	376	15.1	<2	149	<2	47.3	37.4	70.4	25.4	10.8	<2

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Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-5	09/04/2012	802.18	41.18	761.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	10/25/2012	802.18	41.54	760.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	11/05/2012	802.18	37.21	764.97	49.26	59.3	424	396	2,194	3,073	73.7	158	2.22	4.62	19,200	10,100	27,500	823	36.5	<2	246	<2	99.2	8.5	140	42.9	21.5	<2
MW-5	12/12/2012	802.18	39.15	763.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	01/22/2013	802.18	38.99	763.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/11/2013	802.18	36.24	765.94	49.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/12/2013	802.18	NR	-	-	32	1,780	850	5,870	8,532	61.5	344 VC	<1	<1	82,500	28,800	73,600	1680	84.4	<1	458	<1	76.3	1 VC	188	37.7	13.6	1 VC
MW-5	03/07/2013	802.18	37.47	764.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	04/18/2013	801.35	38.61	762.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/13/2013	801.35	39.22	762.13	58.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/16/2013	801.35	NR	-	-	28.1	401	323	1,130	1,882.1	44.7	239	<0.5	2.87	22,300	42,400	44,200	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-5	06/03/2013	801.35	39.55	761.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	07/26/2013	801.35	39.82	761.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	08/05/2013	801.35	39.94	762.24	49.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	08/08/2013	801.35	NR	-	-	41.1	1,170	525	2,243	3,979	44.4	459	<1	2.71	41,600	34,500	33,500	648 VH	75.6	11	395	<1	84.3	26.4	155	51.4	16.7	<1
MW-5	09/05/2013	801.35	40.42	760.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	10/08/2013	801.35	41.41	759.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	11/18/2013	801.35	41.08	760.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	11/22/2013	801.35	NR	-	-	21.9	123	121	457	722.9	16.5	198	<2	<2	5,010	5,040	6,120	264	6.1	<2	73.9	<2	30.7	<2	37.5	15.3	6.22	<2
MW-5	12/20/2013	801.35	40.58	760.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/24/2014	801.35	35.97	765.38	49.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/27/2014	801.35	NR	-	-	11.4	161	258	1,140	1,570.4	9	142	<5	<5.00	2,850	6,310	11,300	456	12.9	<5	130	<5	29.8	8.9	46.8	9.8	7.35	<5
MW-5	05/06/2014	801.35	34.08	767.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/08/2014	801.35	NR	-	-	11.4	285	235	1,470	2,001.4	11	243	<5	<5	8,890	10,200	19,700	332	19.8	<5	172	<5	36.6	10.5	68	13.8	7.25	<5
MW-5	08/07/2014	801.35	39.55	761.80	-	28.3	249	377	1,550	2,204.3	7.05	228	<5	<5	4,970	5,250	5,560	466	<5	<5	264	<5	66.1	17.1	130	45.6	14.8	<5
MW-5	11/03/2014	801.35	42.29	759.06	49.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	11/05/2014	801.35	NR	-	-	9.55	49.9	89.8	351	500.25	<5	39.8	<5	<5	438	1,400	1,590	164	<5	<5	49.4	<5	16.6	5.2 2d	28.4 2d	8.4 2d	<5 2d	<5
MW-5	02/02/2015	801.35	41.72	759.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/04/2015	801.35	NR	-	-	5.6	20	37	120	182.60	2.1	23	<0.1	0.1 J	220	1,100	740	76	<0.1	0.8	19	<0.2	11	3.6	11	4.2	2.8	<0.1
MW-5	05/18/2015	801.35	38.20	763.15	49.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	05/21/2015	801.35	NR	-	-	13	340	270	1,900	2,523	18	190	<1.0	<1.0	7,400	10,000	12,000	750	23	2.3 J	190	<2	47	21	94	20	11	<1
MW-5	08/10/2015	801.35	38.56	762.79	49.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	08/12/2015	801.35	NR	-	-	12	240	220	1,400	1,872	12	130	<1	<1	6,300	8,800	9,600	560	17	2.4 J	160	<2	35	13	73	22	8.2	<1
MW-5	11/02/2015	801.35	38.97	762.38	49.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	11/05/2015	801.35	NR	-	-	12	190	160	1,100	1,462	13	110	<1	<1	4,400	9,900	12,000	430	12	2.4 J	110	<2	36	10	52	24	8	<1
MW-5	02/08/2016	801.35	36.53	764.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	02/11/2016	801.35	NR	-	-	18	500	350	2,300	3,168	13	200	<2.0	<2.0	9,300	15,000	22,000	810	22	3.9 J	230	<4.0	57	18	100	47	11	<2.0
MW-6	01/20/2006	801.08	43.74	757.34	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	05/12/2006	801.08	43.72	757.36	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.5 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	09/20/2006	801.08	42.53	758.55	-	0.7 J	30	13	110	154	1 J	-	<0.8	<0.8	12 J	440	100	-	-	<1	-	-	-	-	-	-	-	-
MW-6	11/02/2006	801.08	45.14	755.94	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	41 J	-	-	<1	-	-	-	-	-	-	-	-
MW-6	04/23/2007	801.08	38.21	762.87	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.8 J	-	<0.8	<0.8	<10	<20	430	-	-	<1	-	-	-	-	-	-	-	-
MW-6	08/08/2007	801.08	42.04	759.04	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	<290	-	-	<1	-	-	-	-	-	-	-	-
MW-6	11/07/2007	801.08	45.90	755.18	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.5 J	-	<0.8	<0.8	<10	<20	49 J	-	-	<1	-	-	-	-	-	-	-	-
MW-6	02/21/2008	801.08	46.84	754.24	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.7 J	-	<0.8	<0.8	<10	<20	89 J	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-6	05/14/2008	801.08	40.72	760.36	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.8 J	-	<0.8	<0.8	<10	<20	55 J	-	-	<1	-	-	-	-	-	-	-	-
MW-6	08/13/2008	801.08	41.44	759.64	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	110	-	-	<1	-	-	-	-	-	-	-	-
MW-6	11/19/2008	801.08	44.72	756.36	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	45 J	-	-	<1	-	-	-	-	-	-	-	-
MW-6	02/10/2009	801.08	43.70	757.38	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-6	05/18/2009	801.08	42.95	758.13	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-6	08/17/2009	801.08	43.55	757.53	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-6	11/23/2009	801.08	40.82	760.26	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	37.9	63.7	-	-	<1	-	-	-	-	-	-	-	-
MW-6	02/17/2010	801.08	37.34	763.74	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	35.2	91.1	-	-	<1	-	-	-	-	-	-	-	-
MW-6	05/18/2010	801.08	36.39	764.69	-	<2	<2	<2	<2	<8	<2	-	<2	<2	<10	<100	<600	-	-	<2	-	-	-	-	-	-	-	-
MW-6	06/03/2010	801.08	37.43	763.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/17/2010	801.08	41.55	759.53	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-6	11/22/2010	801.08	44.49	756.59	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-6	02/14/2011	801.08	45.22	755.86	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-6	04/25/2011	801.08	38.42	762.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	04/28/2011	801.08	37.92	763.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	05/24/2011	801.08	36.90	764.18	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-6	08/22/2011	801.08	40.83	760.25	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-6	11/28/2011	801.08	37.67	763.41	59.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/30/2011	801.08	37.55	763.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	12/01/2011	801.08	37.55	763.53	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	5.71	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-6	12/06/2011	801.08	37.28	763.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	12/07/2011	801.08	37.17	763.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	12/08/2011	801.08	37.20	763.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	12/09/2011	801.08	37.22	763.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	12/13/2011	801.08	36.97	764.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	12/19/2011	801.08	36.57	764.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	12/28/2011	801.08	36.16	764.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	01/03/2012	801.08	36.11	764.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	01/09/2012	801.08	36.47	764.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	01/16/2012	801.08	36.81	764.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	01/17/2012	801.08	36.49	764.59	-	<1	<1	<1	1	1	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	1 C	<1	<1	<1	<1
MW-6	01/24/2012	801.08	36.83	764.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	01/31/2012	801.08	37.01	764.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/08/2012	801.08	37.36	763.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/15/2012	801.08	37.53	763.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/27/2012	801.08	37.72	763.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	03/05/2012	801.08	38.05	763.03	58.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	03/07/2012	801.08	38.23	762.85	58.63	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-6	04/06/2012	802.18	39.13	763.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	05/07/2012	801.08	40.69	760.39	58.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	05/08/2012	801.08	40.53	760.55	58.65	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	164	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-6	06/05/2012	801.08	40.66	760.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	07/25/2012	801.08	42.19	758.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/20/2012	801.08	43.36	757.72	58.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/21/2012	802.18	43.36	758.82	58.70	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-6	09/04/2012	802.18	43.34	758.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	10/25/2012	802.18	43.90	758.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/05/2012	802.18	41.20	760.98	58.70	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-6	12/12/2012	802.18	41.16	761.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	01/22/2013	802.18	41.39	760.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/11/2013	802.18	39.25	762.93	58.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/12/2013	802.18	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
MW-6	03/07/2013	802.18	38.58	763.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	04/18/2013	802.18	38.17	764.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	05/13/2013	802.18	38.61	763.57	58.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	05/14/2013	802.18	NR	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<100	<154	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-6	06/03/2013	802.18	39.02	763.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	07/26/2013	802.18	38.88	763.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/05/2013	802.18	39.04	763.14	58.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	08/06/2013	802.18	NR	-	-	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-6	09/05/2013	802.18	39.59	762.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	10/08/2013	802.18	40.73	761.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/18/2013	802.18	41.18	761.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/21/2013	802.18	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-6	12/20/2013	802.18	41.42	760.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/24/2014	802.18	36.79	765.39	58.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	02/25/2014	802.18	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-6	08/05/2014	802.18	36.80	765.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/03/2014	802.18	41.15	761.03	58.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/04/2014	802.18	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	28.0 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-6	02/02/2015	802.18	41.58	760.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	05/18/2015	802.18	40.31	761.87	58.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	05/19/2015	802.18	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-6	08/10/2015	802.18	40.51	761.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/02/2015	802.18	41.52	760.66	58.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	11/03/2015	802.18	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.5 J	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-6	02/08/2016	802.18	40.46	761.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	09/20/2006	796.66	44.58	752.08	-	9 J	<7	<8	<8	9	9,500	-	61	290	3,200	16,000	650	-	-	<10	-	-	-	-	-	-	-	-
MW-7A	11/02/2006	796.66	44.59	752.07	-	33 J	<7	<8	11 J	44	15,000	-	78	440	4,100	21,000	690	-	-	<10	-	-	-	-	-	-	-	-
MW-7A	04/24/2007	796.66	40.55	756.11	-	3 J	<4	<4	<4	3	6,900	-	44	210	1,600	8,900	510	-	-	<5	-	-	-	-	-	-	-	-
MW-7A	08/09/2007	796.66	43.40	753.26	-	8 J	<4	<4	<4	8	8,500	-	35	220	1,800	11,000	260	-	-	<5	-	-	-	-	-	-	-	-
MW-7A	11/08/2007	796.66	45.56	751.10	-	15 J	<14	<16	<16	15	15,000	-	87 J	400	4,100	19,000	760	-	-	<20	-	-	-	-	-	-	-	-
MW-7A	02/22/2008	796.66	45.51	751.15	-	18 J	<7	<8	<8	18	18,000	-	85	490	5,800	23,000	850	-	-	<10	-	-	-	-	-	-	-	-
MW-7A	05/15/2008	796.66	41.94	754.72	-	5 J	<7	<8	<8	5	10,000	-	61	290	3,000	7,400	460	-	-	<10	-	-	-	-	-	-	-	-
MW-7A	08/14/2008	796.66	42.65	754.01	-	5 J	<4	<4	<4	5	7,800	-	42	200	1,600	1,600	420	-	-	<5	-	-	-	-	-	-	-	-
MW-7A	11/21/2008	796.66	45.03	751.63	-	<10	<14	<16	<16	<56	13,000	-	47 J	290	3,100	10,000	480	-	-	<20	-	-	-	-	-	-	-	-
MW-7A	02/12/2009	796.66	43.79	752.87	-	7.6	<2	<2	3.12	11	9,800	-	70.7	443	5,000	582	440	-	-	<2	-	-	-	-	-	-	-	-
MW-7A	05/19/2009	796.66	42.70	753.96	-	5.24	<2	<2	<2	5	11,900	-	72	267	3,760	716	316	-	-	<2	-	-	-	-	-	-	-	-
MW-7A	08/18/2009	796.66	43.65	753.01	-	5.06	<2	<2	<2	5	12,300	-	61.0	307	3,760	1,150	<40	-	-	<2	-	-	-	-	-	-	-	-
MW-7A	11/24/2009	796.66	42.05	754.61	-	<2	<2	<2	<2	<8	8,110	-	50.1	205	2,060	1,610	216 J	-	-	<2	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-7A	02/18/2010	796.66	39.98	756.68	-	2.58	<2	<2	<2	3	6,240	-	44.4	191	1,960	125	146	-	-	<2	-	-	-	-	-	-	-	-
MW-7A	05/20/2010	796.66	40.72	755.94	-	<2	<2	<2	<2	<8	5,820	-	57.4	2,380	15,700	1,020	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-7A	06/03/2010	796.66	41.39	755.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	08/19/2010	796.66	43.93	752.73	-	1.47	<1	<1	<1	1	8,130	-	39.6	386	5,690	1,130	169	-	-	<1	-	-	-	-	-	-	-	-
MW-7A	11/24/2010	796.66	45.53	751.13	-	4.28	<2	<2	<2	4	11,100	-	63.5	216	4,120	1,230	391	-	-	<2	-	-	-	-	-	-	-	-
MW-7A	02/17/2011	796.66	46.36	750.30	-	4.04	<2	<2	3.00	7	10,500	-	59.1	307	5,170	1,070	<150	-	-	<2	-	-	-	-	-	-	-	-
MW-7A	04/25/2011	796.66	41.01	755.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	04/28/2011	796.66	48.19	748.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	05/26/2011	796.66	40.04	756.62	-	<2	<2	<2	<2	<8	4,770	-	29.1	122	1,180	1,060	181	-	-	<2	-	-	-	-	-	-	-	-
MW-7A	08/25/2011	796.66	43.31	753.35	-	<1	<1	<1	<1	<4	6,030	-	17.3	76.9	2,050	1,000	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-7A	11/28/2011	796.66	40.40	756.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	11/30/2011	796.66	40.82	755.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	12/01/2011	796.66	44.68	751.98	-	2.15	<1	<1	2	4	3,470	<1	23.2	82.8	2,860	735	180	<1	<1	<1	<1	<1	2.58	<1	<1	<1	1.37	<1
MW-7A	12/06/2011	796.66	41.07	755.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	12/07/2011	796.66	46.73	749.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	12/08/2011	796.66	47.67	748.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	12/09/2011	796.66	42.53	754.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	12/13/2011	796.66	40.69	755.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	12/19/2011	796.66	47.63	749.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	12/28/2011	796.66	41.97	754.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	01/03/2012	796.66	47.18	749.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	01/09/2012	796.66	47.22	749.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	01/16/2012	796.66	47.53	749.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	01/19/2012	796.66	44.45	752.21	-	<2	<2	<2	<4	<10	1,600	<2	<2	44.8	1,190	658	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-7A	01/24/2012	796.66	47.19	749.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	01/31/2012	796.66	45.79	750.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	02/08/2012	796.66	47.23	749.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	02/15/2012	796.66	47.15	749.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	02/22/2012	796.66	47.02	749.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	02/27/2012	796.66	45.89	750.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	03/05/2012	796.66	47.22	749.44	64.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	03/09/2012	796.66	47.21	749.45	-	<2	<2	<2	<4	<10	1,460	<2	10.2	39.6	970	508	<153	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-7A	04/06/2012	796.66	45.13	751.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	05/07/2012	796.66	46.80	749.86	71.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	05/10/2012	796.66	46.62	750.04	64.25	<1	<1	<1	<2	<5	357 VH	<1	2.62 VH	7.1 VH	282	114	<152	<1	<1	<1	<1	1 VH	<1	1 VC	<1	<1	<1	<1
MW-7A	06/05/2012	796.66	45.91	750.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	07/25/2012	796.66	47.04	749.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	08/20/2012	796.66	46.96	749.70	64.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	08/23/2012	796.66	NR	-	-	<1	<1	<1	<2	<5	540	<1	3.86	14.5	526	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-7A	09/04/2012	796.66	47.10	749.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	10/25/2012	796.66	46.64	750.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	11/05/2012	796.66	45.97	750.69	64.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	11/08/2012	796.66	NR	-	-	<2	<2	<2	<4	<10	581	<2	<2	17.7	388	<100	<150	<2	<2	<2	<2	2 VC	<2	<2	<2	<2	<2	<2
MW-7A	12/12/2012	796.66	44.56	752.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	01/22/2013	796.66	44.80	751.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-7A	02/11/2013	796.66	43.42	753.24	64.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	02/14/2013	796.66	NR	-	-	<1	<1	<1	<2	<5	234 QK	<1	<1	4.34	101	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VC
MW-7A	03/07/2013	796.66	43.38	753.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	04/18/2013	796.66	43.46	753.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	05/13/2013	796.66	43.58	753.08	64.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	05/16/2013	796.66	NR	-	-	<0.5	0.6	<0.5	3.11	3.70	165	1.38	2.11	2.6	77.4	300	<150	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-7A	06/03/2013	796.66	43.44	753.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	07/26/2013	796.66	44.18	752.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	08/05/2013	796.66	44.12	752.54	64.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	08/08/2013	796.66	NR	-	-	<1	<1	<1	4.09	4.09	232	22.2	1.89	3.58	400	226	<150	2.58 VH	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-7A	09/05/2013	796.66	44.55	752.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	10/08/2013	796.66	45.05	751.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	11/18/2013	796.66	44.98	751.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	11/22/2013	796.66	NR	-	-	<1	<1	<1	<2	<5	249	<1	3.58	5.08	217	256	<27.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-7A	12/20/2013	796.66	44.77	751.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	01/23/2014	796.66	42.91	753.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	02/10/2014	796.66	40.62	756.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	02/24/2014	796.66	43.45	753.21	64.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	02/27/2014	796.66	NR	-	-	<1	<1	<1	<2	<5	73.4	<1	<1	<1	<5	123	32.5 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-7A	03/11/2014	796.66	39.22	757.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	03/21/2014	796.66	35.86	760.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	04/04/2014	796.66	38.47	758.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	04/21/2014	796.66	42.98	753.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	05/06/2014	796.66	37.38	759.28	64.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	05/08/2014	796.66	NR	-	-	<1	<1	<1	<2	<5	38.8	<1	<1	<1	<5	57.8 J	<23.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-7A	05/22/2014	796.66	42.36	754.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	06/09/2014	796.66	38.45	758.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	06/23/2014	796.66	43.63	753.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	07/10/2014	796.66	40.60	756.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	08/07/2014	796.66	41.63	755.03	-	<1	<1	<1	<2	<5	11.5	<1	<1	<1	<5	<13	<24.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-7A	11/03/2014	796.66	44.55	752.11	64.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	11/06/2014	796.66	NR	-	-	<1	<1	<1	<2	<5	63.2	<1	<1	1.07	10.4	45.9 J	51.2 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-7A	02/02/2015	796.66	44.87	751.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	02/05/2015	796.66	NR	-	-	0.2 J	<0.1	<0.1	<0.1	0.2 J	210	<0.1	1.3	4.6	120	230	<45	<0.1	<0.1	<0.1	<0.1	<0.2	0.5	<0.1	<0.1	<0.1	0.4 J	<0.1
MW-7A	03/19/2015	796.66	45.44	751.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	04/08/2015	796.66	46.84	749.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	05/18/2015	796.66	46.58	750.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	05/21/2015	796.66	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	67	<0.1	0.6	1.4	43	67	<45	<0.1	<0.1	<0.1	<0.1	<0.2	0.2 J	<0.1	<0.1	<0.1	0.1 J	<0.1
MW-7A	08/10/2015	796.66	46.87	749.79	64.2	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	08/12/2015	796.66	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	62	<0.1	0.6	1.4	44	80	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.1
MW-7A	11/02/2015	796.66	47.37	749.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	11/05/2015	796.66	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	41	<0.1	0.3 J	0.7	27	69	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-7A	02/08/2016	796.66	45.73	750.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7A	02/11/2016	796.66	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.5	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-7B	09/20/2006	796.64	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-7B	11/02/2006	796.64	84.88	711.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	04/23/2007	796.64	40.29	756.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	05/01/2007	796.64	NR	-	-	<1	<1	<2	<2	<6	3,500	-	18	78	210	5,200	270	-	-	<2	-	-	-	-	-	-	-	-
MW-7B	05/02/2007	796.64	NR	-	-	<1	<1	<2	<2	<6	2,700	-	12	56	170	3,700	430	-	-	<2	-	-	-	-	-	-	-	-
MW-7B	08/09/2007	796.64	42.20	754.44	-	2 J	3 J	<0.8	1 J	6	2,200	-	11	60	230	3,000	480	-	-	<1	-	-	-	-	-	-	-	-
MW-7B	11/08/2007	796.64	45.48	751.16	-	1 J	<2	<2	<2	1	1,400	-	8 J	36	150 J	1,900	550	-	-	<3	-	-	-	-	-	-	-	-
MW-7B	02/22/2008	796.64	45.88	750.76	-	1 J	0.7 J	<0.8	3 J	5	1,100	-	5	29	230	1,700	500	-	-	<1	-	-	-	-	-	-	-	-
MW-7B	05/15/2008	796.64	41.32	755.32	-	1 J	<1	<2	2 J	3	1,100	-	7 J	28	200	890	390	-	-	<2	-	-	-	-	-	-	-	-
MW-7B	08/14/2008	796.64	51.83	744.81	-	5 J	<4	<4	<4	5	3,700	-	19 J	92	1,400	870	490	-	-	<5	-	-	-	-	-	-	-	-
MW-7B	11/21/2008	796.64	44.89	751.75	-	<3	6 J	7 J	30	43	2,300	-	9 J	53	990	2,300	800	-	-	<5	-	-	-	-	-	-	-	-
MW-7B	02/12/2009	796.64	43.24	753.40	-	2.78	3.6	4.4	16.1	26.9	2,600	-	17.1	75.6	1,690	352	<40	-	-	<2	-	-	-	-	-	-	-	-
MW-7B	05/19/2009	796.64	43.13	753.51	-	2.24	<2	2.04	6.96	11	2,360	-	15.4	77.3	414	485	412	-	-	<2	-	-	-	-	-	-	-	-
MW-7B	08/18/2009	796.64	43.29	753.35	-	<2	<2	<2	<2	<8	3,250	-	13.9	64.1	<500	645	<40	-	-	<2	-	-	-	-	-	-	-	-
MW-7B	11/24/2009	796.64	42.55	754.09	-	<2	<2	<2	<2	<8	1,070	-	6.02	27.1	605	867	230	-	-	<2	-	-	-	-	-	-	-	-
MW-7B	02/18/2010	796.64	38.20	758.44	-	<2	<2	<2	<2	<8	1,270	-	6.6	30	624	85.1	288	-	-	<2	-	-	-	-	-	-	-	-
MW-7B	05/20/2010	796.64	35.72	760.92	-	<2	<2	<2	<2	<8	206	-	<2	6.9	205	171	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-7B	06/03/2010	796.64	39.40	757.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	08/19/2010	796.64	42.87	753.77	-	<1	<1	<1	<1	<4	119	-	<1	2.67	65.8	131	348	-	-	<1	-	-	-	-	-	-	-	-
MW-7B	11/23/2010	796.64	45.08	751.56	-	<1	<1	<1	<1	<4	113	-	<1	2.02	58.6	<100	215	-	-	<1	-	-	-	-	-	-	-	-
MW-7B	02/17/2011	796.64	45.37	751.27	-	<1	<1	<1	<1	<4	240	-	1.21	5.60	106	136	266	-	-	<1	-	-	-	-	-	-	-	-
MW-7B	04/25/2011	796.64	36.48	760.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	04/28/2011	796.64	36.70	759.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	05/26/2011	796.64	37.32	759.32	-	<1	<1	<1	<1	<4	106	-	<1	2.63	51.8	152	386	-	-	<1	-	-	-	-	-	-	-	-
MW-7B	08/25/2011	796.64	41.67	754.97	-	<2	<2	<2	<2	<8	160	-	<2	3.70	56.0	171	715	-	-	<2	-	-	-	-	-	-	-	-
MW-7B	11/28/2011	796.64	21.87	774.77	-	1.3	<1	<1	<2	1	1,050	<1	3.65	17.3	214	104 MS	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-7B	12/01/2011	796.64	13.60	783.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	12/06/2011	796.64	16.54	780.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	12/07/2011	796.64	0.15	796.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	12/08/2011	796.64	0.15	796.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	12/09/2011	796.64	0.15	796.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	12/13/2011	796.64	3.46	793.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	12/19/2011	796.64	7.06	789.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	12/28/2011	796.64	0.8	795.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	01/03/2012	796.64	1.10	795.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	01/09/2012	796.64	3.95	792.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	01/16/2012	796.64	2.52	794.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	01/20/2012	796.64	1.70	794.94	-	<2	<2	<2	<4	<10	130	<2	<2	<2	<10	<100	569	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-7B	01/24/2012	796.64	0.15	796.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	01/31/2012	796.64	2.30	794.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	02/08/2012	796.64	5.92	790.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	02/15/2012	796.64	84.90	711.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	02/22/2012	796.64	79.18	717.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	02/27/2012	796.64	75.68	720.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	03/05/2012	796.64	71.68	724.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	03/08/2012	796.64	69.89	726.75	-	<1	<1	<1	<2	<5	82.8	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-7B	04/06/2012	796.64	59.50	737.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	05/11/2012	796.64	52.84	743.80	100.42	<1	<1	<1	<2	<5	31.4	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	1 VH	<1	1 VC	<1	<1	<1	<1
MW-7B	06/05/2012	796.64	50.58	746.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	07/25/2012	796.64	46.90	749.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	08/20/2012	796.64	46.25	750.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	08/22/2012	796.64	46.08	750.56	NR	1.21	<1	<1	<2	1	71.4	<1	<1	1.42	21.9	<100	<154	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-7B	09/04/2012	796.64	47.65	748.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	10/25/2012	796.64	46.32	750.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	11/05/2012	796.64	45.92	750.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	11/08/2012	796.64	45.52	751.12	100.36	6.64	<1	<1	<2	7	434	<1	<1	5.41	59.2	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-7B	12/12/2012	796.64	19.65	776.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	01/22/2013	796.64	31.85	764.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	02/11/2013	796.64	44.45	752.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	02/13/2013	796.64	43.70	752.94	-	8.44	<1	<1	<2	8	706 QK	<1	3.38	15.6	329	<100	<150	1 VC	<1	<1	<1	<1	<1	1 VC	<1	1 VC	<1	<1
MW-7B	03/07/2013	796.64	42.98	753.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	04/18/2013	796.64	42.11	754.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	05/13/2013	796.64	42.04	754.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	05/16/2013	796.64	42.06	754.58	-	5.51	<1	<1	<2	6.00	357	<1	<1	6.74	146	340	<160	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-7B	06/03/2013	796.64	41.05	755.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	07/26/2013	796.64	41.84	754.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	08/05/2013	796.64	42.15	754.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	08/07/2013	796.64	42.24	754.40	-	6.56	<2	<2	<4	6.56	423	<2	<2	11.1	528	416	269	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-7B	09/05/2013	796.64	44.35	752.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	11/18/2013	796.64	43.78	752.86	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	11/21/2013	796.64	44.01	752.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	11/21/2013	796.64	43.82	752.82	-	6.48	<1	<1	<2	6.48	417	<1	2.47	9.19	239	323	308	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-7B	12/20/2013	796.64	45.72	750.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	01/23/2014	796.64	44.01	752.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	03/21/2014	796.64	43.12	753.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	04/21/2014	796.64	37.98	758.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	05/06/2014	796.64	38.08	758.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	05/09/2014	796.64	37.99	758.65	-	2.03	<1	<1	<2	2.03	182	<1	<1	<1	<5	286	774	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-7B	05/22/2014	796.64	40.62	756.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	06/09/2014	796.64	39.85	756.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	06/23/2014	796.64	39.97	756.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	07/10/2014	796.64	40.12	756.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	08/07/2014	796.64	40.72	755.92	-	1.72	<1	<1	<2	1.72	174	<1	<1	4.15	83.6	23.8 J	661	<1	<1	<1	<1	<1 2e	<1	<1	<1	<1	<1	<1
MW-7B	11/03/2014	796.64	42.45	754.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	11/05/2014	796.64	42.51	754.13	-	1.75	<1	<1	<2	1.75	139	<1	<1	3.51	50.1	132	230	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-7B	03/19/2015	796.64	43.63	753.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	04/08/2015	796.64	41.35	755.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	05/18/2015	796.64	41.92	754.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	05/21/2015	796.64	42.93	753.71	-	1.2 J	<0.5	<0.5	<0.5	1.2 J	210	<0.5	0.9 J	4.5	81	190	150	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7B	08/10/2015	796.64	43.84	752.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	08/12/2015	796.64	43.84	752.80	-	1.1 J	<0.5	<0.5	<0.5	1.1 J	150	<0.5	0.6 J	2.9	78	190	130	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-7B	11/02/2015	796.64	44.93	751.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7B	11/06/2015	796.64	44.90	751.74	-	1	<0.2	<0.2	<0.2	1	170	<0.2	0.7 J	3.5	70	210	180	<0.2	<0.2	0.4 J	<0.2	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
MW-7B	03/09/2016	796.64	41.29	755.35	-	1 J	<0.5	<0.5	<0.5	1 J	160	<0.5	<0.5	2.5	120	210	70 J	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8A	09/20/2006	793.10	42.01	751.09	-	<0.5	<0.7	<0.8	<0.8	<2.8	7	-	<0.8	0.9 J	<10	<20	380	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	11/02/2006	793.10	42.13	750.97	-	<0.5	<0.7	<0.8	<0.8	<2.8	5 J	-	<0.8	<0.8	<10	<20	330	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	04/24/2007	793.10	38.51	754.59	-	<0.5	<0.7	<0.8	<0.8	<2.8	4 J	-	<0.8	<0.8	<10	<20	210	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	08/09/2007	793.10	41.33	751.77	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.9 J	-	<0.8	<0.8	<10	<20	1,800	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	11/08/2007	793.10	42.98	750.12	-	<0.5	<0.7	<0.8	<0.8	<2.8	4 J	-	<0.8	<0.8	<10	<20	340	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	02/21/2008	793.10	42.25	750.85	-	<0.5	<0.7	<0.8	<0.8	<2.8	3 J	-	<0.8	<0.8	<10	<20	330	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	05/14/2008	793.10	39.50	753.60	-	<0.5	<0.7	<0.8	<0.8	<2.8	3 J	-	<0.8	<0.8	<10	<20	280	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	08/13/2008	793.10	40.29	752.81	-	<0.5	<0.7	<0.8	<0.8	<2.8	3 J	-	<0.8	<0.8	<10	<20	240	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	11/20/2008	793.10	42.14	750.96	-	<0.5	<0.7	<0.8	<0.8	<2.8	2 J	-	<0.8	<0.8	<10	<20	500	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	02/11/2009	793.10	41.25	751.85	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	05/19/2009	793.10	40.15	752.95	-	<1	<1	<1	<1	<4	1.91	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	08/17/2009	793.10	41.10	752.00	-	<1	<1	<1	<1	<4	2.32	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	11/23/2009	793.10	39.62	753.48	-	<1	<1	<1	<1	<4	1.60	-	<1	<1	<5	38.2	156 J	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	02/17/2010	793.10	37.91	755.19	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	34.2	222	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	05/19/2010	793.10	39.50	753.60	-	<2	<2	<2	<2	<8	3.18	-	<2	<2	<10	<100	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-8A	06/03/2010	793.10	39.30	753.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	08/17/2010	793.10	41.61	751.49	-	<1	<1	<1	<1	<4	1.78	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	11/22/2010	793.10	42.05	751.05	-	<1	<1	<1	<1	<4	1.48	-	<1	<1	<5	<100	218	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	02/16/2011	793.10	43.80	749.30	-	<1	<1	<1	<1	<4	1.46	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	04/25/2011	793.10	38.72	754.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	04/28/2011	793.10	38.74	754.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	05/25/2011	793.10	37.67	755.43	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	08/23/2011	793.10	41.09	752.01	-	<1	<1	<1	<1	<4	1.02	-	<1	<1	<5	<100	461	-	-	<1	-	-	-	-	-	-	-	-
MW-8A	11/28/2011	793.10	38.75	754.35	64.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	11/30/2011	793.10	38.63	754.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	12/01/2011	793.10	38.80	754.30	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	1 V4	<1	<1	<1	<1	<1	<1	<1	<1
MW-8A	12/06/2011	793.10	38.70	754.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	12/07/2011	793.10	38.56	754.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	12/08/2011	793.10	38.64	754.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	12/09/2011	793.10	38.45	754.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	12/13/2011	793.10	38.41	754.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	12/19/2011	793.10	37.78	755.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	12/28/2011	793.10	37.18	755.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	01/03/2012	793.10	37.26	755.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	01/09/2012	793.10	37.42	755.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	01/16/2012	793.10	37.75	755.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	01/17/2012	793.10	37.39	755.71	-	<1	<1	<1	1	1	<1	<1	<1	<1	<5	<100	<151	<1	<1	<1	<1	<1	<1	1 C	<1	<1	<1	<1
MW-8A	01/24/2012	793.10	37.68	755.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	01/31/2012	793.10	37.94	755.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	02/08/2012	793.10	38.25	754.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	02/15/2012	793.10	38.50	754.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	02/22/2012	793.10	38.46	754.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-8A	02/27/2012	793.10	38.99	754.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	03/05/2012	793.10	39.24	753.86	64.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	03/08/2012	793.10	39.17	753.93	64.02	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8A	04/06/2012	793.10	39.97	753.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	05/07/2012	793.10	40.62	752.48	67.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	05/10/2012	793.10	40.48	752.62	64.02	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-8A	06/05/2012	793.10	40.02	753.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	07/25/2012	793.10	40.83	752.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	08/20/2012	793.10	41.13	751.97	64.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	08/23/2012	793.10	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-8A	09/04/2012	793.10	41.51	751.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	10/25/2012	793.10	41.85	751.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	11/05/2012	793.10	40.25	752.85	64.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	11/06/2012	793.10	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	182	<1	<1	<1	<1	<1	<1	<1	<1	1 VC	<1	<1
MW-8A	12/12/2012	793.10	40.03	753.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	01/22/2013	793.10	39.92	753.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	02/11/2013	793.10	38.82	754.28	64.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	02/12/2013	793.10	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
MW-8A	03/07/2013	793.10	38.60	754.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	04/18/2013	793.10	38.83	754.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	05/13/2013	793.10	39.32	753.78	64.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	05/16/2013	793.10	NR	-	-	<0.5	<0.5	<0.5	1.04	1.04	<0.5	0.56	<0.5	<0.5	<2.5	<100	<152	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-8A	06/03/2013	793.10	39.63	753.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	07/26/2013	793.10	40.20	752.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	08/05/2013	793.10	40.23	752.87	64.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	08/07/2013	793.10	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	242	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-8A	09/05/2013	793.10	40.40	752.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	10/08/2013	793.10	41.26	751.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	11/18/2013	793.10	41.25	751.85	60.04			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	11/21/2013	793.10	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	9.44 J	165	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-8A	12/20/2013	793.10	41.14	751.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	02/24/2014	793.10	38.37	754.73	64.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	02/25/2014	793.10	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	11.4 J	66.2 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8A	08/05/2014	793.10	38.10	755.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	11/03/2014	793.10	42.03	751.07	64.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	11/05/2014	793.10	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	248	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8A	02/02/2015	793.10	41.80	751.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	05/18/2015	793.10	40.28	752.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	05/19/2015	793.10	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.5 J	<0.1	<0.1	<0.1	<4.0	<20	50 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-8A	08/10/2015	793.10	40.51	752.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	11/02/2015	793.10	41.57	751.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8A	11/03/2015	793.10	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.4 J	<0.1	<0.1	<0.1	4.2 J	<20	63 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-8A	02/08/2016	793.10	39.78	753.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	09/20/2006	792.69	64.39	728.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	11/02/2006	762.69	47.58	715.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-8B	04/23/2007	762.69	38.90	723.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	05/03/2007	762.69	NR	-	-	0.8 J	<0.7	<0.8	<0.8	0.8	3 J	-	<0.8	<0.8	<10	<20	190	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	08/09/2007	762.69	40.76	721.93	-	0.7 J	<0.7	<0.8	1 J	2	1 J	-	<0.8	<0.8	<10	26 J	630	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	11/08/2007	762.69	42.00	720.69	-	<0.5	<0.7	<0.8	1 J	1	2 J	-	<0.8	<0.8	<10	21 J	200	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	02/21/2008	762.69	41.99	720.70	-	<0.5	<0.7	<0.8	<0.8	<2.8	1 J	-	<0.8	<0.8	<10	21 J	460	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	05/14/2008	762.69	40.76	721.93	-	<0.5	<0.7	<0.8	<0.8	<2.8	1 J	-	<0.8	<0.8	<10	<20	380	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	08/14/2008	762.69	39.72	722.97	-	<0.5	<0.7	<0.8	<0.8	<2.8	1 J	-	<0.8	<0.8	<10	<20	550	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	11/20/2008	762.69	41.24	721.45	-	0.5 J	<0.7	<0.8	<0.8	0.5	<0.5	-	<0.8	<0.8	<10	<20	570	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	02/11/2009	762.69	40.52	722.17	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	286	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	05/18/2009	762.69	40.31	722.38	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	384	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	08/17/2009	762.69	40.41	722.28	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	234 J	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	11/23/2009	762.69	40.02	722.67	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	35.8	145 J	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	02/17/2010	762.69	39.30	723.39	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	34.7	146	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	05/18/2010	762.69	36.89	725.80	-	<2	<2	<2	<2	<8	<2	-	<2	<2	<10	<100	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-8B	06/03/2010	762.69	40.10	722.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	08/17/2010	762.69	40.18	722.51	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	11/22/2010	762.69	41.91	720.78	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	182	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	02/16/2011	762.69	41.78	720.91	-	<1	<1	<1	<1	<4	1.40	-	<1	<1	<5	<100	160	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	04/25/2011	792.69	39.59	753.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	04/28/2011	792.69	39.44	753.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	05/25/2011	762.69	26.00	736.69	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	08/23/2011	762.69	39.54	723.15	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-8B	11/28/2011	762.69	7.58	755.11	99.65	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8B	12/01/2011	762.69	11.50	751.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	12/06/2011	762.69	16.06	746.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	12/07/2011	762.69	16.85	745.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	12/08/2011	762.69	0.70	761.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	12/09/2011	762.69	2.35	760.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	12/13/2011	762.69	7.10	755.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	12/19/2011	762.69	13.05	749.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	12/28/2011	762.69	1.10	761.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	01/03/2012	762.69	7.55	755.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	01/09/2012	762.69	12.64	750.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	01/16/2012	762.69	16.40	746.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	01/18/2012	762.69	17.60	745.09	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8B	01/24/2012	762.69	22.02	740.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	01/31/2012	762.69	24.42	738.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	02/08/2012	762.69	27.12	735.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	02/15/2012	762.69	85.11	677.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	02/22/2012	762.69	75.88	686.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	02/27/2012	762.69	70.20	692.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	03/05/2012	762.69	63.16	699.53	99.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	03/08/2012	762.69	60.78	701.91	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8B	04/06/2012	762.69	49.51	713.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	05/09/2012	762.69	43.71	718.98	106.36	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	850	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-8B	06/05/2012	762.69	41.76	720.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	07/25/2012	762.69	40.50	722.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	08/20/2012	762.69	40.83	721.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	08/23/2012	762.69	41.07	721.62	99.37	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-8B	09/04/2012	762.69	42.40	720.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	10/25/2012	762.69	41.93	720.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	11/05/2012	762.69	41.62	721.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	11/09/2012	762.69	41.27	721.42	99.96	<1	<1	<1	<2.00	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8B	12/12/2012	762.69	41.35	721.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	01/22/2013	762.69	39.98	722.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	02/11/2013	762.69	38.81	723.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	02/13/2013	762.69	38.52	724.17	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	1 VC	<1	<1	<1	<1	<1	1 VC	<1	1 VC	<1	<1
MW-8B	03/07/2013	762.69	39.67	723.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	04/18/2013	762.69	38.62	724.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	05/13/2013	762.69	35.97	726.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	05/14/2013	762.69	36.05	726.64	105.55	<1	<1	<1	<2.00	<5	<1	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8B	06/03/2013	762.69	38.63	724.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	07/26/2013	762.69	35.13	727.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	08/05/2013	762.69	36.24	726.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	08/07/2013	762.69	36.50	726.19	104.97	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	100 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-8B	09/05/2013	762.69	39.33	723.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	10/08/2013	762.69	39.45	723.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	11/18/2013	762.69	37.43	725.26	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	11/19/2013	762.69	37.52	725.17	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8B	12/20/2013	762.69	23.42	739.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	02/24/2014	762.69	37.08	725.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	02/25/2014	762.69	37.14	725.55	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	59.5 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8B	08/05/2014	762.69	39.62	723.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	11/03/2014	762.69	37.96	724.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	11/05/2014	762.69	38.13	724.56	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	69.2 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-8B	02/02/2015	762.69	38.08	724.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	05/18/2015	762.69	34.77	727.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	05/20/2015	762.69	34.89	727.80	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-8B	08/10/2015	762.69	37.42	725.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	11/02/2015	762.69	39.91	722.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-8B	11/05/2015	762.69	39.97	722.72	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-9A	09/20/2006	798.18	41.40	756.78	-	<0.5	<0.7	<0.8	<0.8	<2.8	1 J	-	<0.8	<0.8	<10	<20	1,100	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	11/02/2006	798.18	41.70	756.48	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	620	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	05/01/2007	798.18	37.20	760.98	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	380	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	08/09/2007	798.18	39.93	758.25	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	970	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	11/08/2007	798.18	43.80	754.38	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	520	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	02/21/2008	798.18	41.37	756.81	-	<0.5	<0.7	<0.8	<0.8	<2.8	51	-	<0.8	0.9 J	24 J	56	120	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	05/15/2008	798.18	36.55	761.63	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	130	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	08/14/2008	798.18	39.72	758.46	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	44 J	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	11/20/2008	798.18	40.52	757.66	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	880	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-9A	02/10/2009	798.18	39.00	759.18	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	05/18/2009	798.18	37.75	760.43	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	08/17/2009	798.18	38.24	759.94	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	296 J	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	11/23/2009	798.18	36.40	761.78	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	38.4	186	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	02/17/2010	798.18	35.65	762.53	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	34	119	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	05/19/2010	798.18	35.54	762.64	-	<2	<2	<2	<2	<8	<2	-	<2	<2	<10	<100	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-9A	06/03/2010	798.18	37.24	760.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	08/17/2010	798.18	40.10	758.08	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	11/23/2010	798.18	41.37	756.81	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	205	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	02/15/2011	798.18	41.66	756.52	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	04/25/2011	798.18	35.22	762.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	04/28/2011	798.18	34.51	763.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	05/25/2011	798.18	34.63	763.55	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	08/23/2011	798.18	38.86	759.32	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<300	-	-	<1	-	-	-	-	-	-	-	-
MW-9A	11/28/2011	798.18	36.18	762.00	63.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	11/30/2011	798.18	35.75	762.43	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<161	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9A	12/01/2011	798.18	36.01	762.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	12/06/2011	798.18	35.98	762.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	12/07/2011	798.18	35.67	762.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	12/08/2011	798.18	35.60	762.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	12/09/2011	798.18	35.75	762.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	12/13/2011	798.18	35.73	762.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	12/19/2011	798.18	35.27	762.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	12/28/2011	798.18	34.88	763.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	01/03/2012	798.18	35.25	762.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	01/09/2012	798.18	35.62	762.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	01/16/2012	798.18	36.14	762.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	01/17/2012	798.18	35.75	762.43	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	-	<1	<1	<1	<1	<1.00 11B	<1	<1	<1	<1	<1	<1
MW-9A	01/24/2012	798.18	36.03	762.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	01/31/2012	798.18	36.63	761.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	02/08/2012	798.18	36.62	761.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	02/15/2012	798.18	36.81	761.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	02/22/2012	798.18	36.99	761.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	02/27/2012	798.18	37.50	760.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	03/05/2012	798.18	37.48	760.70	63.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	03/06/2012	798.18	37.91	760.27	62.90	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<166	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-9A	04/06/2012	798.18	38.36	759.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	05/07/2012	798.18	39.45	758.73	67.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	05/09/2012	798.18	39.25	758.93	67.46	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	227	<1	<1	<1	<1	1 VH	<1	1 VC	<1	<1	1 VC	<1
MW-9A	06/05/2012	798.18	39.31	758.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	07/25/2012	798.18	39.70	758.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	08/20/2012	798.18	40.28	757.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	08/24/2012	798.18	40.50	757.68	61.51	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-9A	09/04/2012	798.18	40.70	757.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	10/25/2012	798.18	40.51	757.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-9A	11/05/2012	798.18	38.56	759.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	11/08/2012	798.18	37.78	760.40	61.56	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<164	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9A	12/12/2012	798.18	37.62	760.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	01/22/2013	798.18	38.19	759.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	02/11/2013	798.18	37.37	760.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	02/12/2013	798.18	36.99	761.19	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<162	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9A	03/07/2013	798.18	36.73	761.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	04/18/2013	798.18	37.10	761.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	05/13/2013	798.18	37.40	760.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	05/15/2013	798.18	37.81	760.37	65.56	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9A	06/03/2013	798.18	38.15	760.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	07/26/2013	798.18	37.92	760.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	08/05/2013	798.18	38.78	759.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	08/06/2013	798.18	38.90	759.28	63	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	343	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9A	09/05/2013	798.18	38.65	759.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	10/08/2013	798.18	39.93	758.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	11/18/2013	798.18	39.68	758.50	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	861	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9A	12/20/2013	798.18	40.13	758.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	02/24/2014	798.18	36.71	761.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	02/26/2014	798.18	37.07	761.11	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9A	08/05/2014	798.18	38.17	760.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	11/03/2014	798.18	41.42	756.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	11/04/2014	798.18	41.28	756.90	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	140 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9A	02/02/2015	798.18	40.56	757.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	05/18/2015	798.18	39.98	758.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	05/19/2015	798.18	39.71	758.47	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-9A	08/10/2015	798.18	40.07	758.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9A	11/02/2015	798.18	41.44	756.74	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-9A	02/08/2016	798.18	39.15	759.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	09/20/2006	798.04	41.21	756.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	11/02/2006	798.04	41.58	756.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	04/23/2007	798.04	37.23	760.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	04/26/2007	798.04	NR	-	-	0.9 J	0.8 J	<0.8	<0.8	1.7	<0.5	-	<0.8	<0.8	<10	<20	370	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	04/30/2007	798.04	NR	-	-	0.5 J	<0.7	<0.8	<0.8	0.5	<0.5	-	<0.8	<0.8	<10	<20	570	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	08/09/2007	798.04	39.44	758.60	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	940	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	11/08/2007	798.04	42.42	755.62	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	670	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	02/21/2008	798.04	41.21	756.83	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	1,500	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	05/15/2008	798.04	36.53	761.51	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	1,600	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	08/14/2008	798.04	38.36	759.68	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	410	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	11/20/2008	798.04	40.15	757.89	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	5,900	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	02/10/2009	798.04	38.64	759.40	-	<2	<2	<2	<2	<8	<2	-	<2	<2	<10	<25	638	-	-	<2	-	-	-	-	-	-	-	-
MW-9B	05/19/2009	798.04	32.76	765.28	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	08/17/2009	798.04	38.96	759.08	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	324	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	11/23/2009	798.04	36.06	761.98	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	37.7	271	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	02/17/2010	798.04	34.03	764.01	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	35.4	280	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-9B	05/19/2010	798.04	36.26	761.78	-	<2	<2	<2	<2	<8	<2	-	<2	<2	<10	<100	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-9B	06/03/2010	798.04	37.08	760.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	08/17/2010	798.04	39.25	758.79	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	212	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	11/23/2010	798.04	41.37	756.67	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	171	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	02/15/2011	798.04	41.66	756.38	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	428	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	04/25/2011	798.04	34.94	763.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	04/28/2011	798.04	34.41	763.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	05/25/2011	798.04	34.39	763.65	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	365	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	08/23/2011	798.04	39.02	759.02	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	313	-	-	<1	-	-	-	-	-	-	-	-
MW-9B	11/28/2011	798.04	35.97	762.07	98.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	11/30/2011	798.04	35.55	762.49	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<164	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9B	12/01/2011	798.04	36.35	761.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	12/06/2011	798.04	35.80	762.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	12/07/2011	798.04	35.48	762.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	12/08/2011	798.04	35.21	762.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	12/09/2011	798.04	35.42	762.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	12/13/2011	798.04	35.50	762.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	12/19/2011	798.04	34.98	763.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	12/28/2011	798.04	34.42	763.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	01/03/2012	798.04	34.99	763.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	01/09/2012	798.04	35.22	762.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	01/16/2012	798.04	35.58	762.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	01/17/2012	798.04	35.65	762.39	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9B	01/24/2012	798.04	35.84	762.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	01/31/2012	798.04	36.07	761.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	02/08/2012	798.04	36.34	761.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	02/15/2012	798.04	36.50	761.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	02/22/2012	798.04	36.74	761.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	02/27/2012	798.04	37.10	760.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	03/05/2012	798.04	37.14	760.90	98.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	03/06/2012	798.04	37.32	760.72	98.35	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-9B	04/06/2012	798.04	38.18	759.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	05/07/2012	798.04	39.25	758.79	98.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	05/11/2012	798.04	39.20	758.84	98.35	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	285	<1	<1	<1	<1	1 VH	<1	<1	<1	<1	<1	<1
MW-9B	06/05/2012	798.04	39.11	758.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	07/25/2012	798.04	39.48	758.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	08/20/2012	798.04	40.08	757.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	08/24/2012	798.04	40.31	757.73	97.80	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	205	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-9B	09/04/2012	798.04	40.49	757.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	10/25/2012	798.04	41.41	756.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	11/05/2012	798.04	38.42	759.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	11/08/2012	798.04	37.53	760.51	97.40	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	1 VC	<1	1 VC	<1	<1
MW-9B	12/12/2012	798.04	37.28	760.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	01/22/2013	798.04	38.10	759.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	02/11/2013	798.04	37.05	760.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-9B	02/12/2013	798.04	36.86	761.18	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9B	03/07/2013	798.04	36.35	761.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	04/18/2013	798.04	36.91	761.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	05/13/2013	798.04	37.39	760.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	05/15/2013	798.04	37.60	760.44	103.10	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9B	06/03/2013	798.04	37.97	760.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	07/26/2013	798.04	38.40	759.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	08/05/2013	798.04	38.68	759.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	08/06/2013	798.04	38.75	759.29	104.05	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	110 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9B	09/05/2013	798.04	38.52	759.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	10/08/2013	798.04	39.03	759.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	11/18/2013	798.04	39.91	758.13	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	13.2 J	552	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9B	12/20/2013	798.04	39.63	758.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	02/24/2014	798.04	35.27	762.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	02/26/2014	798.04	37.86	760.18	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	95.4 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9B	08/05/2014	798.04	38.23	759.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	11/03/2014	798.04	41.07	756.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	11/04/2014	798.04	41.07	756.97	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	259	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-9B	02/02/2015	798.04	40.11	757.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	05/18/2015	798.04	39.68	758.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	05/20/2015	798.04	39.70	758.34	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	190	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	0.2 J	<0.1	<0.1
MW-9B	08/10/2015	798.04	39.76	758.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	11/02/2015	798.04	42.07	755.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9B	11/03/2015	798.04	41.95	756.09	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	200	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-9B	02/08/2016	798.04	39.42	758.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	05/23/2007	800.69	37.11	763.58	-	10	2 J	<0.8	66	78	1,000	-	6	25	320	3,000	1,300	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	08/09/2007	800.69	40.39	760.30	-	2 J	<0.7	<0.8	31	33	150	-	1 J	4 J	61 J	900	1,300	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	11/08/2007	800.69	42.72	757.97	-	15	11 J	10 J	150	186	1,600	-	16	53	2,200	4,600	3,400	-	-	<3	-	-	-	-	-	-	-	-
MW-10A	02/22/2008	800.69	39.95	760.74	-	9 J	<1	<2	94	103	3,400	-	17	90	2,800	5,700	2,800	-	-	<2	-	-	-	-	-	-	-	-
MW-10A	05/15/2008	800.69	36.42	764.27	-	<0.5	<0.7	<0.8	4 J	4	32	-	<0.8	0.9 J	26 J	130	860	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	08/14/2008	800.69	39.15	761.54	-	3 J	<0.7	<0.8	43	46	140	-	1 J	4 J	92	1,400	780	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	11/20/2008	800.69	41.87	758.82	-	3 J	<0.7	<0.8	50	53	200	-	2 J	5 J	82	1,800	1,500	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	02/11/2009	800.69	39.84	760.85	-	3.45	<1	<1	30.6	34	292	-	1.91	5.34	66.6	967	204	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	05/19/2009	800.69	37.64	763.05	-	1.25	<1	<1	8.11	9	43.9	-	<1	<1	<5	350	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	08/18/2009	800.69	40.25	760.44	-	2.68	<1	<1	35.4	38	101	-	<1	<1	<5	1,280	148 J	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	11/24/2009	800.69	37.24	763.45	-	<1	<1	<1	<1	<4	2.14	-	<1	<1	<5	58.3	173	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	02/17/2010	800.69	36.41	764.28	-	1.97	<1	<1	24.7	27	90.2	-	<1	<1	34.3	1,010	172	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	05/20/2010	800.69	37.61	763.08	-	<1	<1	<1	7.06	7	13.4	-	<1	<1	35.9	306	<300	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	06/03/2010	800.69	38.10	762.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	08/18/2010	800.69	40.64	760.05	-	4.34	<2	<2	58.7	63	187	-	<2	<2	432	1,550	444	-	-	<2	-	-	-	-	-	-	-	-
MW-10A	11/23/2010	800.69	41.77	758.92	-	2.92	<1	<1	53.5	56	113	-	<1	<1	125	1,580	419	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	02/15/2011	800.69	42.74	757.95	-	2.46	<1	<1	40.7	43	1,530	-	<1	20.1	316	1,330	316	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	04/25/2011	800.69	35.64	765.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	04/28/2011	800.69	35.76	764.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	05/26/2011	800.69	36.08	764.61	-	1.45	<1	<1	25.9	27	99.6	-	<1	<1	<5	938	260	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-10A	08/23/2011	800.69	40.52	760.17	-	2.06	<1	<1	33.3	35	151	-	<1	<1	<5	1,090	338	-	-	<1	-	-	-	-	-	-	-	-
MW-10A	11/28/2011	800.69	36.34	764.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	11/30/2011	800.69	35.96	764.73	-	<1	<1	<1	10	10	85.7	1.13	<1	<1	56	381	<174	<1	<1	<1	<1	<1	1.75	1.41	<1	<1	<1	<1
MW-10A	12/01/2011	800.69	36.41	764.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	12/06/2011	800.69	36.88	763.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	12/07/2011	800.69	36.62	764.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	12/08/2011	800.69	35.92	764.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	12/09/2011	800.69	35.25	765.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	12/13/2011	800.69	35.70	764.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	12/19/2011	800.69	34.25	766.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	12/28/2011	800.69	33.78	766.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	01/03/2012	800.69	33.81	766.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	01/09/2012	800.69	34.36	766.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	01/16/2012	800.69	34.67	766.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	01/19/2012	800.69	34.60	766.09	-	3.12	<1	<1	20	23	117	18.1	1.5	<1	374	1,120	418	<1	<1	<1	<1	<1	17.2	3.96	<1	<1	8.54	<1
MW-10A	01/24/2012	800.69	35.00	765.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	01/31/2012	800.69	35.57	765.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	02/08/2012	800.69	35.96	764.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	02/15/2012	800.69	36.20	764.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	02/22/2012	800.69	36.42	764.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	02/27/2012	800.69	37.35	763.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	03/05/2012	800.69	36.43	764.26	61.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	03/07/2012	800.69	36.92	763.77	61.38	2.63	<1	<1	14	17	114	12.9	<1	3.84	147	786	438	<1	<1	<1	<1	<1	14.2	4.3	<1	<1	7.81	<1
MW-10A	04/06/2012	800.69	38.20	762.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	05/07/2012	800.69	38.95	761.74	61.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	05/09/2012	800.69	38.90	761.79	61.32	2.79	<1	<1	7	10	54.8	10.8 VC	<1	1.88	116	540	386	<1	<1	<1	<1	1 VH	10.8	2.15 VC	<1	<1	6.47	<1
MW-10A	06/05/2012	800.69	38.18	762.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	07/25/2012	800.69	39.09	761.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	08/20/2012	800.69	39.45	761.24	61.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	08/21/2012	800.69	39.45	761.24	61.40	1.46	<1	<1	3	4	82.2	4.3 VC	<1	<1	70.8	302	290	<1	<1	<1	<1	<1	4.51	1 VC	<1	<1	3.18	<1
MW-10A	09/04/2012	800.69	39.85	760.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	10/25/2012	800.69	40.50	760.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	11/05/2012	800.69	36.02	764.67	61.40	1.71	<1	<1	4	6	59.3	4.86	<1	<1	175	542	363	<1	<1	<1	<1	<1	7.09	<1	<1	<1	4.54	<1
MW-10A	12/12/2012	800.69	37.65	763.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	01/22/2013	800.69	37.37	763.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	02/11/2013	800.69	34.99	765.70	61.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	02/12/2013	800.69	NR	-	-	2.2	<1	<1	3	5	56.1	3.39 VC	<1	<1	232	481	168	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
MW-10A	03/07/2013	800.69	35.92	764.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	04/18/2013	800.69	36.93	763.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	05/13/2013	800.69	37.43	763.26	61.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	05/14/2013	800.69	NR	-	-	0.78	<0.5	<0.5	<1	1.00	18	<0.5	<0.5	<0.5	41.3	171	<152	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-10A	06/03/2013	800.69	38.12	762.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	07/26/2013	800.69	38.45	762.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	08/05/2013	800.69	38.62	762.07	38.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	08/06/2013	800.69	NR	-	-	<1	<1	<1	<2	<5	33.4	<1	<1	<1	16.7	305	593	<1	<1	<1	<1	<1	3.27	<1	<1	<1	1.86	<1 VC

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-10A	09/05/2013	800.69	39.20	761.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	10/08/2013	800.69	40.10	760.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	11/18/2013	800.69	39.82	760.87	61.35	1.43	<1	<1	<2	1.43	59.5	<1	<1	1.15	217	571	74.8 J	<1	<1	<1	<1	<1	7.09	<1	<1	<1	4.81	<1
MW-10A	12/20/2013	800.69	39.30	761.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	01/23/2014	800.69	35.68	765.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	02/10/2014	800.69	36.27	764.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	02/24/2014	800.69	34.98	765.71	61.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	02/25/2014	800.69	NR	-	-	2.17	<1	<1	4.16	6.33	26.7	<1	<1	<1	214	501	479	2.82	<1	<1	<1	<1	2.98	<1	<1	<1	2.23	<1
MW-10A	03/11/2014	800.69	35.03	765.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	03/21/2014	800.69	34.18	766.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	04/04/2014	800.69	34.08	766.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	04/21/2014	800.69	33.23	767.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	05/06/2014	800.69	32.97	767.72	61.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	05/07/2014	800.69	NR	-	-	<1	<1	<1	<2	<5	5.53	<1	<1	<1	<5	99.1 J	1,450	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-10A	05/22/2014	800.69	32.32	768.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	06/09/2014	800.69	35.48	765.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	06/23/2014	800.69	35.02	765.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	07/10/2014	800.69	37.50	763.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	08/06/2014	800.69	38.45	762.24	-	<1	<1	<1	<2	<5	1.90 2a	<1	<1	<1	14.3	30.5 J	2,190	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-10A	11/03/2014	800.69	41.65	759.04	61.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	11/04/2014	800.69	NR	-	-	<1	<1	<1	<2	<5	76.5	<1	<1	1.25	203	476	65.1 J	<1	<1	<1	<1	<1	9.58	<1	<1	<1	6.06	<1
MW-10A	02/02/2015	800.69	41.40	759.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	02/04/2015	800.69	NR	-	-	1	<0.1	<0.1	0.2 J	1.20	42	0.3 J	0.3 J	0.9	160	430	110	<0.1	<0.1	0.2 J	<0.1	<0.2	7.8	0.2 J	<0.1	<0.1	5.6	<0.1
MW-10A	05/18/2015	800.69	36.65	764.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	05/19/2015	800.69	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.1	<0.1	<0.1	<4.0	<20	96 J	<0.1	<0.1	<0.1	<0.1	<0.2	0.3 J	<0.1	<0.1	<0.1	0.3 J	<0.1
MW-10A	08/10/2015	800.69	36.98	763.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	08/11/2015	800.69	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	120	<0.1	<0.1	<0.1	<0.1	<0.2	0.2 J	<0.1	<0.1	<0.1	0.2 J	<0.1
MW-10A	11/02/2015	800.69	37.61	763.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10A	11/05/2015	800.69	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.1	<0.1	<0.1	<4	36 J	310	<0.1	<0.1	<0.1	<0.1	<0.2	0.2 J	<0.1	<0.1	<0.1	0.3 J	<0.1
MW-10A	03/18/2016	800.69	34.62	766.07	61.40	<0.1	<0.1	<0.1	<0.1	<0.4	1.2	<0.1	<0.1	<0.1	11	74	<45	<0.1	<0.1	<0.1	<0.1	<0.2	0.3 J	<0.1	<0.1	<0.1	0.5 J	<0.1
MW-10B	05/23/2007	800.75	36.69	764.06	-	20	2 J	0.9 J	67	90	540	-	5 J	22	320	1,400	1,700	-	-	2 J	-	-	-	-	-	-	-	-
MW-10B	08/09/2007	800.75	40.93	759.82	-	9	<0.7	<0.8	27	36	230	-	1 J	8	150	780	850	-	-	1 J	-	-	-	-	-	-	-	-
MW-10B	11/08/2007	800.75	42.72	758.03	-	1 J	<0.7	<0.8	2 J	3	30	-	<0.8	1 J	27 J	120	7,100	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	02/22/2008	800.75	40.70	760.05	-	1 J	<0.7	<0.8	3 J	4	34	-	<0.8	1 J	31 J	120	3,200	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	05/15/2008	800.75	36.91	763.84	-	<0.5	<0.7	<0.8	<0.8	<2.8	8	-	<0.8	<0.8	10 J	<20	650	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	08/14/2008	800.75	39.60	761.15	-	<0.5	<0.7	<0.8	<0.8	<2.8	4 J	-	<0.8	<0.8	<10	<20	1,300	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	11/20/2008	800.75	41.44	759.31	-	<0.5	<0.7	<0.8	<0.8	<2.8	5	-	<0.8	<0.8	<10	29 J	2,200	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	02/11/2009	800.75	40.15	760.60	-	<2	<2	<2	<2	<8	15.5	-	<2	<2	<10	51.6	194	-	-	<2	-	-	-	-	-	-	-	-
MW-10B	05/19/2009	800.75	37.90	762.85	-	<1	<1	<1	<1	<4	1.96	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	08/18/2009	800.75	40.49	760.26	-	<1	<1	<1	<1	<4	1.89	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	11/24/2009	800.75	37.40	763.35	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	44.8	254	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	02/18/2010	800.75	36.51	764.24	-	<1	<1	<1	<1	<4	1.31	-	<1	<1	<5	41.8	252	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	05/20/2010	800.75	37.74	763.01	-	<1	<1	<1	<1	<4	3	-	<1	<1	<5	<100	<300	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	06/03/2010	800.75	38.30	762.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	08/18/2010	800.75	40.84	759.91	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	359	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-10B	11/24/2010	800.75	41.97	758.78	-	<1	<1	<1	<1	<4	2.60	-	<1	<1	<5	<100	343	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	02/15/2011	800.75	42.84	757.91	-	2.35	<1	<1	<1	2	461	-	<1	12.8	213	353	334	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	04/25/2011	800.75	35.69	765.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	04/28/2011	800.75	36.03	764.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	05/26/2011	800.75	36.27	764.48	-	1.27	<1	<1	<1	1	155	-	<1	6.28	146	231	276	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	08/23/2011	800.75	40.62	760.13	-	3.81	<1	<1	1.53	5	141	-	<1	3.66	179	270	408	-	-	<1	-	-	-	-	-	-	-	-
MW-10B	11/28/2011	800.75	36.52	764.23	-	4.28	<1	<1	<2	4	319	<1	1.69	8.06	322	115	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-10B	12/01/2011	800.75	36.75	764.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	12/06/2011	800.75	36.67	764.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	12/07/2011	800.75	37.16	763.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	12/08/2011	800.75	36.64	764.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	12/09/2011	800.75	35.97	764.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	12/13/2011	800.75	35.81	764.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	12/19/2011	800.75	35.15	765.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	12/28/2011	800.75	34.22	766.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	01/03/2012	800.75	34.80	765.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	01/09/2012	800.75	35.35	765.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	01/16/2012	800.75	35.65	765.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	01/18/2012	800.75	35.60	765.15	-	4.43	<1	<1	5	9	314	<1	<1	7.79	332	453	<165	<1	<1	<1	<1	<1	1.48	<1	<1	<1	<1	<1
MW-10B	01/24/2012	800.75	35.99	764.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	01/31/2012	800.75	36.51	764.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	02/08/2012	800.75	36.88	763.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	02/15/2012	800.75	37.09	763.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	02/22/2012	800.75	37.35	763.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	02/27/2012	800.75	37.81	762.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	03/05/2012	800.75	37.30	763.45	99.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	03/06/2012	800.75	37.65	763.10	99.97	4.97	<1	<1	6	11	476	<1	2.19	10.2	507	394	<158	1 VH	<1	<1	<1	<1	4.83	1.19	<1	1 VH	1.59 VH	<1
MW-10B	04/06/2012	800.75	38.72	762.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	05/07/2012	800.75	39.78	760.97	99.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	05/11/2012	800.75	39.53	761.22	99.75	4.84	<1	<1	<2	5	225 VH	<1	<1	5.13	408	164	241	<1	<1	<1	<1	<1	2.19	1 VC	<1	<1	<1	<1
MW-10B	06/05/2012	800.75	39.19	761.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	07/25/2012	800.75	40.09	760.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	08/20/2012	800.75	40.60	760.15	100.64	<2	<2	<2	<4	<10	365	<2	<2	12	596	195	<159	<2	<2	<2	<2	<2	4.76	<2	<2	<2	<2	<2
MW-10B	09/04/2012	800.75	39.30	761.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	10/25/2012	800.75	40.86	759.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	11/05/2012	800.75	36.62	764.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	11/07/2012	800.75	36.50	764.25	-	<2	<2	<2	<4	<10	899 VH	<2	4.78 VH	21.8	1,310	238	205	<2	<2	<2	<2	<2	6.32	2.48	<2	<2	3.06	<2
MW-10B	12/12/2012	800.75	38.13	762.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	01/22/2013	800.75	38.25	762.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	02/11/2013	800.75	35.70	765.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	02/14/2013	800.75	35.37	765.38	-	<2	<2	<2	<4	<10	676 QK	<2	3.7	15.3	989	244	<162	2 VC	<2	<2	2 VC	<2	5.3 VC	2 VC	2 VC	2 VC	2.42 VC	2 VH
MW-10B	03/07/2013	800.75	36.70	764.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	04/18/2013	800.75	37.80	762.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	05/13/2013	800.75	38.20	762.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	05/16/2013	800.75	38.00	762.75	104.20	1.35	<1	<1	<2	1.00	441	<1	<1	9.42	435	626	<156	<1	<1	<1	<1	<1	3.47	1.03	<1	<1	1.6	<1

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-10B	06/03/2013	800.75	38.49	762.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	07/26/2013	800.75	39.11	761.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	08/05/2013	800.75	39.25	761.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	08/08/2013	800.75	39.00	761.75	-	<2	<2	<2	<4	<10	213	<2	<2	4.78	300	345	659	<2	<2	<2	<2	<2	6.32	<2	<2	<2	3.26	<2
MW-10B	09/05/2013	800.75	39.86	760.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	10/08/2013	800.75	40.78	759.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	11/18/2013	800.75	40.57	760.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	11/19/2013	800.75	40.7	760.05	-	<2	<2	<2	<4	<10	268	<2	2.16	7.78	728	418	30.3 J	<2	<2	<2	<2	<2	4.16	<2	<2	<2	<2	<2
MW-10B	12/20/2013	800.75	39.44	761.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	01/23/2014	800.75	36.03	764.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	02/10/2014	800.75	36.75	764.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	02/24/2014	800.75	34.44	766.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	02/26/2014	800.75	35.00	765.75	-	<1	<1	<1	<2	<5	7.37	<1	<1	<1	<5	36.7 J	622	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-10B	03/11/2014	800.75	33.98	766.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	03/21/2014	800.75	34.20	766.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	04/04/2014	800.75	34.70	766.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	04/21/2014	800.75	34.08	766.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	05/06/2014	800.75	33.45	767.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	05/07/2014	800.75	33.25	767.50	-	<1	<1	<1	<2	<5	5.78	<1	<1	<1	<5	<13	1,060	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-10B	05/22/2014	800.75	32.77	767.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	06/09/2014	800.75	35.88	764.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	06/23/2014	800.75	35.74	765.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	07/10/2014	800.75	37.88	762.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	08/06/2014	800.75	38.93	761.82	-	<1	<1	<1	<2	<5	23	<1	<1 2a	<1	97	33.7 J	632	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2a	<1
MW-10B	11/03/2014	800.75	42.10	758.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	11/05/2014	800.75	42.25	758.50	-	<1	<1	<1	<2	<5	6.94	<1	<1	<1	8.76	19.4 J	1,090	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-10B	02/02/2015	800.75	40.90	759.85	-	0.1 J	<0.1	<0.1	<0.1	0.1 J	2.5	0.1 J	<0.1	<0.1	11	22 J	370	<0.1	<0.1	<0.1	<0.1	<0.2	0.2 J	<0.1	<0.1	<0.1	0.2 J	<0.1
MW-10B	05/18/2015	800.75	37.29	763.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	05/19/2015	800.75	37.34	763.41	-	0.1 J	<0.1	<0.1	<0.1	0.1 J	3.1	<0.1	<0.1	<0.1	9.1 J	<20	220	<0.1	<0.1	<0.1	<0.1	<0.2	0.1 J	<0.1	<0.1	<0.1	<0.1	<0.1
MW-10B	08/10/2015	800.75	37.65	763.10	-	0.9	<0.1	<0.1	<0.1	0.9	25	<0.1	0.2 J	0.7	92	79	130	<0.1	<0.1	0.2 J	<0.1	<0.2	1.1	<0.1	<0.1	<0.1	0.8	<0.1
MW-10B	11/02/2015	800.75	38.02	762.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10B	11/05/2015	800.75	38.22	762.53	-	0.2 J	<0.1	<0.1	<0.1	0.2 J	4.9	<0.1	<0.1	0.2 J	15	30 J	79 J	<0.1	<0.1	<0.1	<0.1	<0.2	0.2 J	<0.1	<0.1	<0.1	0.4 J	<0.1
MW-10B	03/09/2016	800.75	34.84	765.91	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	<0.1	<0.1	<0.1	<4.0	<20	84 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-11A	08/14/2008	795.52	46.39	749.13	-	<0.5	<0.7	<0.8	<0.8	<2.8	580	-	1 J	9	<10	150	<31	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	11/21/2008	795.52	48.66	746.86	-	<0.5	<0.7	<0.8	<0.8	<2.8	180	-	<0.8	1 J	<10	160	<35	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	02/12/2009	795.52	46.93	748.59	-	<1	<1	<1	<1	<4	94.5	-	<1	<1	<5	53.7	155	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	05/19/2009	795.52	46.34	749.18	-	<1	<1	<1	<1	<4	16.8	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	08/18/2009	795.52	47.39	748.13	-	<1	<1	<1	<1	<4	39.0	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	11/24/2009	795.52	45.24	750.28	-	<1	<1	<1	<1	<4	8.93	-	<1	<1	<5	50.3	100 J	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	02/18/2010	795.52	43.19	752.33	-	<1	<1	<1	<1	<4	27.2	-	<1	<1	<5	34.9	60.6	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	05/20/2010	795.52	44.31	751.21	-	<1	<1	<1	<1	<4	32.3	-	<1	<1	<5	<100	<300	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	06/03/2010	795.52	45.00	750.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	08/18/2010	795.52	47.64	747.88	-	<1	<1	<1	<1	<4	5.44	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	11/23/2010	795.52	49.17	746.35	-	<1	<1	<1	<1	<4	5.89	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	02/16/2011	795.52	49.59	745.93	-	<1	<1	<1	<1	<4	4.45	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-11A	04/25/2011	795.52	43.55	751.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	04/28/2011	795.52	43.44	752.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	05/27/2011	795.52	43.20	752.32	-	<1	<1	<1	<1	<4	8.49	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	08/24/2011	795.52	46.98	748.54	-	<1	<1	<1	<1	<4	3.95	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-11A	11/28/2011	795.52	44.19	751.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	12/01/2011	795.52	44.10	751.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	12/02/2011	795.52	44.25	751.27	-	<2.00	<2.00	<2.00	<4.00	<10.00	3.54	<2.00	<2.00	<2.00	<10.0	<100	<168	<2	<2	2 V4	<2	<2	<2	<2	<2	<2	<2	<2
MW-11A	12/06/2011	795.52	43.89	751.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	12/07/2011	795.52	43.73	751.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	12/08/2011	795.52	44.00	751.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	12/09/2011	795.52	44.28	751.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	12/13/2011	795.52	43.68	751.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	12/19/2011	795.52	43.70	751.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	12/28/2011	795.52	43.17	752.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	01/03/2012	795.52	43.80	751.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	01/09/2012	795.52	44.28	751.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	01/16/2012	795.52	44.71	750.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	01/19/2012	795.52	44.51	751.01	-	<1	<1	<1	<2	<5	1.21	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11A	01/24/2012	795.52	44.63	750.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	01/31/2012	795.52	44.91	750.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	02/08/2012	795.52	45.85	749.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	02/15/2012	795.52	45.34	750.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	02/22/2012	795.52	45.31	750.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	02/27/2012	795.52	45.35	750.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	03/05/2012	795.52	45.81	749.71	54.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	03/07/2012	795.52	46.10	749.42	59.20	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<154	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11A	04/06/2012	795.52	46.36	749.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	05/07/2012	795.52	47.35	748.17	55.77	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	183	<2	<2	<2	<2	2 VH	<2	2 VC	<2	<2	<2	<2
MW-11A	06/05/2012	795.52	47.29	748.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	07/25/2012	795.52	48.00	747.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	08/20/2012	795.52	48.33	747.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	08/21/2012	795.52	48.36	747.16	59.30	<1	<1	<1	<2	<5	1.6	<1	<1	<1	<5	<100	<165	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-11A	09/04/2012	795.52	48.42	747.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	10/25/2012	795.52	48.62	746.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	11/05/2012	795.52	46.76	748.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	11/06/2012	795.52	46.63	748.89	-	<1	<1	<1	<2.00	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11A	12/12/2012	795.52	45.70	749.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	01/22/2013	795.52	45.99	749.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	02/11/2013	795.52	44.48	751.04	59.21	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11A	03/07/2013	795.52	44.20	751.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	04/18/2013	795.52	44.55	750.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	05/14/2013	795.52	45.18	750.34	-	<1	<1	<1	<2.00	<5	2.60	<1	<1	<1	<5	<100	<165	1.49	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11A	06/03/2013	795.52	45.48	750.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	07/26/2013	795.52	46.70	748.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	08/05/2013	795.52	46.84	748.68	59.27	<2	<2	<2	<4	<10	3.22	<2	<2	<2	<10	<100	138 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-11A	09/05/2013	795.52	47.05	748.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	10/08/2013	795.52	47.58	747.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	11/18/2013	795.52	47.44	748.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	11/19/2013	795.52	47.5	748.02	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11A	12/20/2013	795.52	47.41	748.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	02/24/2014	795.52	43.85	751.67	59.25	<1	<1	<1	<2	<5	1.58	<1	<1	<1	<5	<9.35	<27.9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11A	05/06/2014	795.52	40.63	754.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	05/08/2014	795.52	40.91	754.61	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<24.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11A	08/06/2014	795.52	45.39	750.13	-	<1	<1	<1	<2	<5	4.84	<1	<1	<1	<5	<13	<24.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11A	11/03/2014	795.52	48.06	747.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	11/04/2014	795.52	48.04	747.48	-	<1	<1	<1	<2	<5	2.15	<1	<1	<1	<5	<13	31.4 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11A	02/02/2015	795.52	48.37	747.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	02/03/2015	795.52	48.79	746.73	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.5	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-11A	03/19/2015	795.52	47.52	748.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	04/08/2015	795.52	47.26	748.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	05/18/2015	795.52	47.09	748.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	05/19/2015	795.52	47.06	748.46	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-11A	08/10/2015	795.52	48.34	747.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	08/11/2015	795.52	48.35	747.17	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-11A	11/02/2015	795.52	49.07	746.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	11/04/2015	795.52	49.15	746.37	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-11A	02/08/2016	795.52	46.68	748.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11A	02/11/2016	795.52	46.09	749.43	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-11B	08/14/2008	795.22	43.58	751.64	-	<0.5	<0.7	<0.8	<0.8	<2.8	12	-	<0.8	<0.8	<10	<20	420	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	11/21/2008	795.22	46.23	748.99	-	<0.5	<0.7	<0.8	<0.8	<2.8	10	-	<0.8	<0.8	14 J	<20	490	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	02/12/2009	795.22	44.30	750.92	-	<1	<1	<1	<1	<4	7.93	-	<1	<1	<5	<25	212	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	05/19/2009	795.22	43.50	751.72	-	<1	<1	<1	<1	<4	8.5	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	08/18/2009	795.22	44.72	750.50	-	<1	<1	<1	<1	<4	9.68	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	11/24/2009	795.22	42.30	752.92	-	<1	<1	<1	<1	<4	7.26	-	<1	<1	8.29	45.3	120 J	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	02/18/2010	795.22	40.43	754.79	-	<1	<1	<1	<1	<4	7.86	-	<1	<1	8.71	38.6	185	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	05/20/2010	795.22	41.65	753.57	-	<1	<1	<1	<1	<4	6.35	-	<1	<1	<5	<100	<300	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	06/03/2010	795.22	42.18	753.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	08/18/2010	795.22	45.05	750.17	-	<1	<1	<1	<1	<4	5.02	-	<1	<1	<5	<100	296	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	11/23/2010	795.22	46.81	748.41	-	<1	<1	<1	<1	<4	5.30	-	<1	<1	<5	<100	183	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	02/16/2011	795.22	51.70	743.52	-	<1	<1	<1	<1	<4	621	-	3.94	8.40	<5	320	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	04/25/2011	795.22	40.66	754.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	04/28/2011	795.22	41.04	754.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	05/27/2011	795.22	40.23	754.99	-	<1	<1	<1	<1	<4	318	-	<1	4.87	<5	411	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	08/24/2011	795.22	43.60	751.62	-	<1	<1	<1	<1	<4	330	-	1.97	3.37	<5	323	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-11B	11/28/2011	795.22	40.71	754.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	12/01/2011	795.22	40.75	754.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	12/02/2011	795.22	41.40	753.82	-	<2.00	<2.00	<2.00	<4.00	<10.00	123	<2.00	<2.00	<2.00	<10.0	<100	<174	<2	<2	2 V4	<2	<2	<2	<2	<2	<2	<2	<2
MW-11B	12/06/2011	795.22	40.75	754.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	12/07/2011	795.22	40.90	754.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	12/08/2011	795.22	40.98	754.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-11B	12/09/2011	795.22	41.49	753.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	12/13/2011	795.22	40.46	754.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	12/19/2011	795.22	41.98	753.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	12/28/2011	795.22	40.00	755.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	01/03/2012	795.22	41.02	754.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	01/09/2012	795.22	41.49	753.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	01/16/2012	795.22	41.87	753.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	01/19/2012	795.22	41.66	753.56	-	<1	<1	<1	<2	<5	45.3	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11B	01/24/2012	795.22	41.85	753.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	01/31/2012	795.22	41.97	753.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	02/08/2012	795.22	42.33	752.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	02/15/2012	795.22	42.38	752.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	02/22/2012	795.22	42.48	752.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	02/27/2012	795.22	42.05	753.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	03/05/2012	795.22	42.85	752.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	03/07/2012	795.22	43.21	752.01	105.63	<1	<1	<1	<2	<5	45.1	<1	<1	<1	<5	<100	<162	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11B	04/06/2012	795.22	43.22	752.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	05/07/2012	795.22	44.31	750.91	100.05	<2	<2	<2	<4	<10	19 VH	<2	<2	<2	<10	<100	166	<2	<2	<2	<2	<2	<2	2 VC	<2	<2	<2	<2
MW-11B	06/05/2012	795.22	44.06	751.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	07/25/2012	795.22	44.97	750.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	08/20/2012	795.22	45.34	749.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	08/21/2012	795.22	45.31	749.91	99.72	<1	<1	<1	<2	<5	13.6	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-11B	09/04/2012	795.22	45.47	749.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	10/25/2012	795.22	45.40	749.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	11/05/2012	795.22	43.25	751.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	11/06/2012	795.22	43.16	752.06	-	<1.00	<1.00	<1.00	<2.00	<5.00	10.7	<1.00	<1.00	<1.00	<5.00	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11B	12/12/2012	795.22	42.41	752.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	01/22/2013	795.22	42.90	752.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	02/11/2013	795.22	40.80	754.42	-	<1	<1	<1	<2	<5	13.2	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11B	03/07/2013	795.22	40.86	754.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	04/18/2013	795.22	41.46	753.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	05/13/2013	795.22	41.79	753.43	100.20	<1	<1	<1	<2.00	<5	10.1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11B	06/03/2013	795.22	42.32	752.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	07/26/2013	795.22	43.35	751.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	08/05/2013	795.22	43.50	751.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	08/06/2013	795.22	43.59	751.63	100.20	<2	<2	<2	<4	<10	12.5	<2	<2	<2	<10	15.3 J	183	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-11B	09/05/2013	795.22	43.75	751.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	10/08/2013	795.22	44.37	750.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	11/18/2013	795.22	44.71	750.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	11/19/2013	795.22	44.47	750.75	-	<1	<1	<1	<2	<5	3.82	<1	<1	<1	<5	10.2 J	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11B	12/20/2013	795.22	44.27	750.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	02/24/2014	795.22	40.94	754.28	-	<1	<1	<1	<2	<5	7.09	<1	<1	<1	<5	16.2 J	<28.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11B	05/06/2014	795.22	37.32	757.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	05/08/2014	795.22	37.70	757.52	-	<1	<1	<1	<2	<5	6.35	<1	<1	<1	<5	15 J	<25.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11B	08/06/2014	795.22	41.96	753.26	-	<1	<1	<1	<2	<5	70.7	<1	<1	<1	<5	<13	178	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-11B	11/03/2014	795.22	44.88	750.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	11/04/2014	795.22	44.90	750.32	-	<1	<1	<1	<2	<5	3.92	<1	<1	<1	<5	<13	29.3 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-11B	02/02/2015	795.22	45.56	749.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	02/03/2015	795.22	45.54	749.68	-	<0.1	<0.1	<0.1	<0.1	<0.4	48	<0.1	0.3 J	0.6	<4.0	60	160	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-11B	03/19/2015	795.22	44.40	750.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	04/08/2015	795.22	44.07	751.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	05/18/2015	795.22	44.03	751.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	05/19/2015	795.22	44.00	751.22	-	<0.1	<0.1	<0.1	<0.1	<0.4	4.2	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-11B	08/10/2015	795.22	44.86	750.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	08/11/2015	795.22	44.95	750.27	-	<0.1	<0.1	<0.1	<0.1	<0.4	2.6	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-11B	11/02/2015	795.22	45.74	749.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	11/04/2015	795.22	45.80	749.42	-	<0.1	<0.1	<0.1	<0.1	<0.4	37	<0.1	0.2 J	0.4 J	<4	49 J	110	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-11B	02/08/2016	795.22	43.67	751.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11B	02/11/2016	795.22	42.95	752.27	-	<0.1	<0.1	<0.1	<0.1	<0.4	2.3	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-12B	08/14/2008	800.28	56.45	743.83	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	16 J	<20	1,100	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	11/20/2008	800.28	46.12	754.16	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	20 J	22 J	3,300	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	02/10/2009	800.28	44.47	755.81	-	<1	<1	<1	<1	<4	<1	-	<1	<1	15.6	<25	380	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	05/19/2009	800.28	44.12	756.16	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	208 J	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	08/18/2009	800.28	44.88	755.40	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	11/24/2009	800.28	41.79	758.49	-	<1	<1	<1	<1	<4	<1	-	<1	<1	17.1	43.5	186 J	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	02/18/2010	800.28	39.10	761.18	-	<1	<1	<1	<1	<4	<1	-	<1	<1	18.5	38.8	377	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	05/20/2010	800.28	39.42	760.86	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	401	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	06/03/2010	800.28	41.88	758.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	08/18/2010	800.28	43.39	756.89	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	779	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	11/23/2010	800.28	45.42	754.86	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	608	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	02/15/2011	800.28	46.25	754.03	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	163	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	04/25/2011	800.28	40.30	759.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	04/28/2011	800.28	39.83	760.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	05/26/2011	800.28	36.56	763.72	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	201	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	08/22/2011	800.28	40.33	759.95	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	215	-	-	<1	-	-	-	-	-	-	-	-
MW-12B	11/28/2011	800.28	38.30	761.98	100.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	11/30/2011	800.28	37.98	762.30	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	13 D1	<100	<181	<1	<1	1 V4	<1	<1	<1	<1	<1	<1	<1	<1
MW-12B	12/01/2011	800.28	37.54	762.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	12/06/2011	800.28	39.75	760.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	12/07/2011	800.28	39.51	760.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	12/08/2011	800.28	38.22	762.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	12/09/2011	800.28	38.24	762.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	12/13/2011	800.28	38.31	761.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	12/28/2011	800.28	37.91	762.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	01/03/2012	800.28	38.15	762.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	01/09/2012	800.28	38.30	761.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	01/16/2012	800.28	38.40	761.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	01/17/2012	800.28	38.35	761.93	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<162	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1
MW-12B	01/24/2012	800.28	39.51	760.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	01/31/2012	800.28	39.43	760.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-12B	02/15/2012	800.28	39.85	760.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	02/22/2012	800.28	40.08	760.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	02/27/2012	800.28	40.08	760.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	03/05/2012	800.28	40.07	760.21	100.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	03/06/2012	800.28	40.14	760.14	100.07	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	239	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-12B	04/06/2012	800.28	42.01	758.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	05/07/2012	800.28	42.30	757.98	100.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	05/11/2012	800.28	42.04	758.24	100.70	<1	<1	<1	<2	<5	<1	<1	<1	<1	11.1	<100	431	<1	<1	<1	<1	1 VH	<1	<1	<1	<1	<1	<1
MW-12B	06/05/2012	800.28	41.75	758.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	07/25/2012	800.28	42.09	758.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	08/20/2012	800.28	42.75	757.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	08/23/2012	800.28	42.76	757.52	100.70	<1	<1	<1	<2	<5	<1	<1	<1	<1	12	<100	564 QB	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-12B	09/04/2012	800.28	43.86	756.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	10/25/2012	800.28	43.42	756.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	11/05/2012	800.28	41.74	758.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	11/09/2012	800.28	41.76	758.52	100.67	<1	<1	<1	<2.00	<5	<1	<1	<1	<1	<5	<100	477	<1	<1	<1	<1	1 VH	<1	<1	<1	<1	<1	<1
MW-12B	12/12/2012	800.28	42.52	757.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	01/22/2013	800.28	41.95	758.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	02/11/2013	800.28	40.65	759.63	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-12B	03/07/2013	800.28	41.57	758.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	04/18/2013	800.28	40.03	760.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	05/13/2013	800.28	39.55	760.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	05/15/2013	800.28	39.64	760.64	106.50	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-12B	06/03/2013	800.28	41.27	759.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	07/26/2013	800.28	39.57	760.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	08/05/2013	800.28	39.68	760.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	08/07/2013	800.28	39.84	760.44	106.72	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	559	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-12B	09/05/2013	800.28	43.34	756.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	10/08/2013	800.28	42.38	757.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	11/18/2013	800.28	41.92	758.36	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	9.42 J	509	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-12B	12/20/2013	800.28	43.70	756.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	02/24/2014	800.28	39.42	760.86	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	347	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-12B	08/05/2014	800.28	38.68	761.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	11/03/2014	800.28	43.11	757.17	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	22.2 J	323	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-12B	02/02/2015	800.28	43.22	757.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	05/18/2015	800.28	42.03	758.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	05/20/2015	800.28	41.78	758.50	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.1	<0.1	<0.1	<4.0	<20	100	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-12B	08/10/2015	800.28	41.32	758.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12B	11/02/2015	800.28	41.88	758.40	100.7	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-12B	02/08/2016	800.28	41.22	759.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	08/14/2008	801.74	41.85	759.89	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	150	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	11/20/2008	801.74	46.01	755.73	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	<10	<20	84 J	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	02/11/2009	801.74	49.08	752.66	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	05/18/2009	801.74	44.79	756.95	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	08/18/2009	801.74	44.12	757.62	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	210 J	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-13A	11/23/2009	801.74	42.18	759.56	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	36.4	78.0	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	02/17/2010	801.74	38.33	763.41	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	35.4	125	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	05/20/2010	801.74	35.56	766.18	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<300	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	06/03/2010	801.74	37.35	764.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	08/17/2010	801.74	41.36	760.38	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	11/22/2010	801.74	44.96	756.78	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	02/15/2011	801.74	45.94	755.80	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	04/25/2011	801.74	39.40	762.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	04/28/2011	801.74	38.61	763.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	05/26/2011	801.74	36.90	764.84	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<600	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	08/23/2011	801.74	40.37	761.37	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-13A	11/28/2011	801.74	37.72	764.02	60.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	11/30/2011	801.74	37.68	764.06	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<168	<1	<1	1 V4	<1	<1	<1	<1	<1	<1	<1	<1
MW-13A	12/01/2011	801.74	37.83	763.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	12/06/2011	801.74	37.36	764.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	12/07/2011	801.74	37.17	764.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	12/08/2011	801.74	37.47	764.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	12/09/2011	801.74	37.35	764.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	12/13/2011	801.74	37.11	764.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	12/19/2011	801.74	36.55	765.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	12/28/2011	801.74	35.96	765.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	01/03/2012	801.74	35.95	765.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	01/09/2012	801.74	36.20	765.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	01/16/2012	801.74	36.44	765.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	01/17/2012	801.74	36.20	765.54	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<165	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13A	01/24/2012	801.74	36.34	765.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	01/31/2012	801.74	36.56	765.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	02/08/2012	801.74	36.81	764.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	02/15/2012	801.74	36.95	764.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	02/22/2012	801.74	36.68	765.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	02/27/2012	801.74	37.09	764.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	03/05/2012	801.74	37.34	764.40	60.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	03/06/2012	801.74	37.65	764.09	60.19	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<160	1 VH	<1	<1	<1	<1	<1	<1	<1	1 VH	1 VH	<1
MW-13A	04/06/2012	801.74	38.43	763.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	05/07/2012	801.74	39.90	761.84	64.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	05/09/2012	801.74	39.30	762.44	64.05	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	1 QB	<1	1 VC	<1	<1	<1	<1
MW-13A	06/05/2012	801.74	40.41	761.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	07/25/2012	801.74	42.21	759.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	08/20/2012	801.74	43.03	758.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	08/23/2012	801.74	43.39	758.35	60.89	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-13A	09/04/2012	801.74	43.40	758.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	10/25/2012	801.74	44.61	757.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	11/05/2012	801.74	42.65	759.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	11/08/2012	801.74	42.35	759.39	60.85	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	1 VC	<1	1 VC	<1	<1
MW-13A	12/12/2012	801.74	41.70	760.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-13A	01/22/2013	801.74	41.92	759.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	02/11/2013	801.74	40.05	761.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	02/12/2013	801.74	40.11	761.63	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13A	03/07/2013	801.74	38.68	763.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	04/18/2013	801.74	37.75	763.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	05/13/2013	801.74	37.89	763.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	05/14/2013	801.74	38.04	763.70	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13A	06/03/2013	801.74	38.14	763.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	07/26/2013	801.74	37.63	764.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	08/05/2013	801.74	37.91	763.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	08/06/2013	801.74	38.00	763.74	60.98	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	38.8 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-13A	09/05/2013	801.74	38.50	763.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	10/08/2013	801.74	39.52	762.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	11/18/2013	801.74	40.77	760.97	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	59.2 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13A	12/20/2013	801.74	40.96	760.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	02/24/2014	801.74	36.53	765.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	02/25/2014	801.74	36.48	765.26	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	39.9 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13A	08/05/2014	801.74	35.43	766.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	11/03/2014	801.74	39.87	761.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	11/05/2014	801.74	39.88	761.86	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	58.6 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13A	02/02/2015	801.74	40.73	761.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	05/18/2015	801.74	39.53	762.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	05/19/2015	801.74	39.47	762.27	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-13A	08/10/2015	801.74	39.69	762.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13A	11/02/2015	801.74	41.27	760.47	60.3	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-13A	02/08/2016	801.74	41.67	760.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	08/14/2008	801.78	42.36	759.42	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	20 J	<20	590	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	11/20/2008	801.78	45.50	756.28	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	<0.8	20 J	<20	1,500	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	02/12/2009	801.78	44.35	757.43	-	<1	<1	<1	<1	<4	<1	-	<1	<1	19.2	<25	368	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	05/18/2009	801.78	44.85	756.93	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<20	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	08/18/2009	801.78	44.31	757.47	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	318	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	11/23/2009	801.78	42.24	759.54	-	<1	<1	<1	<1	<4	<1	-	<1	<1	8.00	42.4	194	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	02/17/2010	801.78	39.10	762.68	-	<1	<1	<1	<1	<4	<1	-	<1	<1	17.8	37.6	409	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	05/20/2010	801.78	36.34	765.44	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	312	-	-	-	-	-	-	-	-	-	-	-
MW-13B	06/03/2010	801.78	34.81	766.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	08/17/2010	801.78	41.71	760.07	-	<1	<1	<1	<1	<4	<1	-	<1	<1	8.69	<100	448	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	11/22/2010	801.78	45.32	756.46	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	559	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	02/15/2011	801.78	46.36	755.42	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	167	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	04/25/2011	801.78	40.40	761.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	04/28/2011	801.78	40.05	761.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	05/26/2011	801.78	37.70	764.08	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	08/23/2011	801.78	40.87	760.91	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	158	-	-	<1	-	-	-	-	-	-	-	-
MW-13B	11/28/2011	801.78	38.95	762.83	100.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	11/30/2011	801.78	38.64	763.14	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13B	12/01/2011	801.78	40.18	761.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-13B	12/06/2011	801.78	39.62	762.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	12/07/2011	801.78	39.50	762.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	12/08/2011	801.78	39.36	762.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	12/09/2011	801.78	39.25	762.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	12/13/2011	801.78	38.95	762.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	12/19/2011	801.78	38.48	763.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	12/28/2011	801.78	37.82	763.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	01/03/2012	801.78	37.55	764.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	01/09/2012	801.78	37.32	764.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	01/16/2012	801.78	37.33	764.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	01/17/2012	801.78	37.35	764.43	-	<1	<1	<1	<2	<5	<1	<1 11B	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1.00 12G, 11B	<1	<1	<1	<1	<1	<1
MW-13B	01/24/2012	801.78	38.17	763.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	01/31/2012	801.78	37.97	763.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	02/08/2012	801.78	37.95	763.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	02/15/2012	801.78	37.95	763.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	02/22/2012	801.78	38.08	763.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	02/27/2012	801.78	38.13	763.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	03/05/2012	801.78	38.32	763.46	100.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	03/06/2012	801.78	38.38	763.40	100.54	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-13B	04/06/2012	801.78	39.47	762.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	05/07/2012	801.78	40.59	761.19	100.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	05/09/2012	801.78	40.56	761.22	100.34	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<300	<1	<1	<1	<1	1 VH	<1	1 VC	<1	<1	1 VC	<1
MW-13B	06/05/2012	801.78	41.25	760.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	07/25/2012	801.78	42.20	759.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	08/20/2012	801.78	43.70	758.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	08/23/2012	801.78	43.79	757.99	100.07	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-13B	09/04/2012	801.78	45.35	756.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	10/25/2012	801.78	45.05	756.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	11/05/2012	801.78	43.99	757.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	11/08/2012	801.78	43.75	758.03	100.10	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	1 VC	<1	1 VC	<1	<1
MW-13B	12/12/2012	801.78	42.32	759.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	01/22/2013	801.78	42.35	759.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	02/11/2013	801.78	41.80	759.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	02/12/2013	801.78	41.79	759.99	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	15.1	<100	<159	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13B	03/07/2013	801.78	40.23	761.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	04/18/2013	801.78	38.81	762.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	05/13/2013	801.78	39.00	762.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	05/14/2013	801.78	39.00	762.78	88.66	<1	<1	<1	<2.00	<5	<1	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13B	06/03/2013	801.78	40.20	761.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	07/26/2013	801.78	39.98	761.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	08/05/2013	801.78	39.13	762.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	08/06/2013	801.78	39.21	762.57	87.98	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-13B	09/05/2013	801.78	40.39	761.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	10/08/2013	801.78	40.57	761.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	11/18/2013	801.78	41.23	760.55	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	9.01	<9.35	147 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-13B	12/20/2013	801.78	42.08	759.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	02/24/2014	801.78	38.46	763.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	02/25/2014	801.78	38.48	763.30	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	5.44	<9.35	103 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13B	08/05/2014	801.78	35.76	766.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	11/03/2014	801.78	40.67	761.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	11/05/2014	801.78	40.76	761.02	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	7.48	<13	160	-	-	-	-	-	-	-	-	-	-	-
MW-13B	02/02/2015	801.78	42.26	759.52	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-13B	05/18/2015	801.78	41.15	760.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	05/20/2015	801.78	44.14	757.64	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	10	<20	150	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-13B	08/10/2015	801.78	40.90	760.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13B	11/02/2015	801.78	42.37	759.41	100.3	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	9.3 J	<20	78 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-13B	02/08/2016	801.78	43.28	758.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	08/13/2008	797.53	42.96	754.57	-	<0.5	<0.7	<0.8	<0.8	<2.8	2 J	-	<0.8	<0.8	<10	<20	220	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	11/21/2008	797.53	45.11	752.42	-	<0.5	<0.7	<0.8	<0.8	<2.8	2 J	-	<0.8	<0.8	<10	<20	58 J	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	02/12/2009	797.53	44.51	753.02	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	05/19/2009	797.53	42.91	754.62	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	08/18/2009	797.53	44.00	753.53	-	<1	<1	<1	<1	<4	1.58	-	<1	<1	<5	<25	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	11/24/2009	797.53	42.25	755.28	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	35.8	108 J	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	02/18/2010	797.53	39.76	757.77	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	34.1	78.1	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	05/20/2010	797.53	40.78	756.75	-	<2	<2	<2	<2	<8	<2	-	<2	<2	<10	<100	<600	-	-	<2	-	-	-	-	-	-	-	-
MW-14A	06/03/2010	797.53	41.64	755.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	08/20/2010	797.53	44.38	753.15	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	11/22/2010	797.53	45.70	751.83	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	02/17/2011	797.53	46.44	751.09	-	<1	<1	<1	<1	<4	3.56	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	04/25/2011	797.53	41.06	756.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	04/28/2011	797.53	47.19	750.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	05/25/2011	797.53	39.85	757.68	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	08/23/2011	797.53	43.83	753.70	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-14A	11/28/2011	797.53	40.58	756.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	11/30/2011	797.53	40.45	757.08	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<156	<1	<1	1 V4	<1	<1	<1	<1	<1	<1	<1	<1
MW-14A	12/01/2011	797.53	40.79	756.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	12/06/2011	797.53	41.05	756.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	12/07/2011	797.53	40.81	756.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	12/08/2011	797.53	39.46	758.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	12/09/2011	797.53	39.13	758.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	12/13/2011	797.53	40.21	757.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	12/19/2011	797.53	38.45	759.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	12/28/2011	797.53	37.50	760.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	01/03/2012	797.53	37.30	760.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	01/09/2012	797.53	37.87	759.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	01/16/2012	797.53	38.30	759.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	01/17/2012	797.53	37.82	759.71	-	<1	<1	<1	<2	<5	1.4	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	1 C	<1	<1	<1	<1
MW-14A	01/24/2012	797.53	38.14	759.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	01/31/2012	797.53	38.53	759.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	02/08/2012	797.53	39.07	758.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-14A	02/15/2012	797.53	39.38	758.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	02/22/2012	797.53	39.39	758.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	02/27/2012	797.53	40.91	756.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	03/05/2012	797.53	40.28	757.25	64.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	03/07/2012	797.53	40.65	756.88	60.15	<2	<2	<2	2	2	<2	<2	<2	<2	15	<100	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-14A	04/06/2012	797.53	41.84	755.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	05/07/2012	797.53	62.35	735.18	66.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	05/09/2012	797.53	42.16	755.37	60.13	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-14A	06/05/2012	797.53	41.03	756.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	07/25/2012	797.53	42.53	755.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	08/20/2012	797.53	43.20	754.33	60.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	08/21/2012	797.53	43.20	754.33	60.12	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-14A	09/04/2012	797.53	44.03	753.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	10/25/2012	797.53	44.48	753.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	11/05/2012	797.53	41.37	756.16	60.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	11/06/2012	797.53	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	1 VC	<1	<1
MW-14A	12/12/2012	797.53	41.97	755.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	01/22/2013	797.53	41.26	756.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	02/11/2013	797.53	39.50	758.03	60.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	02/12/2013	797.53	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
MW-14A	03/07/2013	797.53	39.63	757.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	04/18/2013	797.53	40.42	757.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	05/13/2013	797.53	40.60	756.93	60.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	05/15/2013	797.53	NR	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<100	<150	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-14A	06/03/2013	797.53	41.37	756.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	07/26/2013	797.53	42.15	755.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	08/05/2013	797.53	42.09	755.44	60.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	08/07/2013	797.53	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	37.7 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-14A	09/05/2013	797.53	42.50	755.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	10/08/2013	797.53	43.56	753.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	11/18/2013	797.53	43.56	753.97	60.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	11/21/2013	797.53	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	30.3 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-14A	12/20/2013	797.53	42.93	754.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	02/24/2014	797.53	38.73	758.80	60.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	02/25/2014	797.53	NR	-	-	<1	<1	<1	<2	<5	1.59	<1	<1	<1	22.0	19.7 J	39.5 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-14A	05/06/2014	797.53	36.54	760.99	60.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	05/08/2014	797.53	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	149 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-14A	08/06/2014	797.53	41.74	755.79	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	33.9 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-14A	11/03/2014	797.53	44.93	752.60	60.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	11/05/2014	797.53	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	62.3 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-14A	02/02/2015	797.53	44.70	752.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	02/04/2015	797.53	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-14A	05/18/2015	797.53	41.45	756.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	05/19/2015	797.53	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-14A	08/10/2015	797.53	40.99	756.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-14A	08/12/2015	797.53	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-14A	11/02/2015	797.53	42.94	754.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	11/03/2015	797.53	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-14A	02/08/2016	797.53	39.94	757.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14A	02/11/2016	797.53	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-14B	08/13/2008	797.33	44.37	752.96	-	40	<0.7	<0.8	28	68	480	-	12	29	980	380	1,900	-	-	7	-	-	-	-	-	-	-	-
MW-14B	11/21/2008	797.33	42.96	754.37	-	24	<0.7	<0.8	20	44	400	-	8	21	810	610	2,100	-	-	5	-	-	-	-	-	-	-	-
MW-14B	02/12/2009	797.33	42.40	754.93	-	30.9	<1	<1	24.8	56	497	-	9.11	21	908	<25	264	-	-	<1	-	-	-	-	-	-	-	-
MW-14B	05/19/2009	797.33	40.17	757.16	-	15.7	1.16	<1	<1	17	196	-	5.60	6.30	198	235	<40	-	-	<1	-	-	-	-	-	-	-	-
MW-14B	08/18/2009	797.33	41.95	755.38	-	10.8	<1	<1	8.02	19	284	-	4.55	12.9	477	291	274 J	-	-	<1	-	-	-	-	-	-	-	-
MW-14B	11/24/2009	797.33	40.88	756.45	-	3.49	<1	<1	3.78	7	246	-	3.08	9.82	351	254	136	-	-	<1	-	-	-	-	-	-	-	-
MW-14B	02/18/2010	797.33	38.44	758.89	-	6.99	<1	<1	5.76	13	182	-	4.27	10.8	363	91.6	595	-	-	<1	-	-	-	-	-	-	-	-
MW-14B	05/20/2010	797.33	38.80	758.53	-	4.31	<1	<1	3.18	7	448	-	2.75	9.02	389	245	533	-	-	<1	-	-	-	-	-	-	-	-
MW-14B	06/03/2010	797.33	44.25	753.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	08/20/2010	797.33	42.30	755.03	-	4.36	<1	<1	<1	4	219	-	2.81	7.96	265	191	862	-	-	1.81	-	-	-	-	-	-	-	-
MW-14B	11/23/2010	797.33	43.68	753.65	-	12.5	<1	<1	1.27	14	500	-	4.99	11.4	446	247	1,070	-	-	2.93	-	-	-	-	-	-	-	-
MW-14B	02/17/2011	797.33	44.18	753.15	-	88.8	<2	<2	<2	89	808	-	14.4	36.0	1,130	666	421	-	-	<2	-	-	-	-	-	-	-	-
MW-14B	04/25/2011	797.33	40.95	756.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	04/28/2011	797.33	40.79	756.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	05/25/2011	797.33	38.52	758.81	-	71.3	<2	<2	<2	71	945	-	16.5	45.1	1,030	974	417	-	-	<2	-	-	-	-	-	-	-	-
MW-14B	08/23/2011	797.33	41.87	755.46	-	39.6	<1	<1	<1	40	363	-	9.54	22.5	349	700	699	-	-	<1	-	-	-	-	-	-	-	-
MW-14B	11/28/2011	797.33	39.82	757.51	-	48.8	<1	<1	<2	49	661	<1	11.4	31.3	1,220	265	<300	<1	<1	<1	<1	<1	5.06	1.16	<1	<1	1.81	<1
MW-14B	12/01/2011	797.33	41.19	756.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	12/06/2011	797.33	40.96	756.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	12/07/2011	797.33	40.90	756.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	12/08/2011	797.33	39.81	757.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	12/09/2011	797.33	39.75	757.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	12/13/2011	797.33	39.51	757.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	12/19/2011	797.33	39.30	758.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	12/28/2011	797.33	38.43	758.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	01/03/2012	797.33	38.15	759.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	01/09/2012	797.33	37.86	759.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	01/16/2012	797.33	36.69	760.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	01/18/2012	797.33	37.59	759.74	-	85.4	<2	<2	2	87	985	<2	16.5	42.3	1,750	780	308	<2	<2	<2	<2	<2	6.66	<2	<2	<2	2.78	<2
MW-14B	01/24/2012	797.33	38.20	759.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	01/31/2012	797.33	37.95	759.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	02/08/2012	797.33	38.05	759.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	02/15/2012	797.33	35.39	761.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	02/22/2012	797.33	36.34	760.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	02/27/2012	797.33	36.90	760.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	03/05/2012	797.33	36.31	761.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	03/08/2012	797.33	37.08	760.25	-	43.4	<2	<2	<4	43	668	<2	<2	32.7	1,360	578	424 QL	<2	<2	<2	<2	<2	5.02	<2	<2	<2	2.24	<2
MW-14B	04/06/2012	797.33	39.14	758.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	05/07/2012	797.33	40.27	757.06	100.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	05/10/2012	797.33	40.05	757.28	100.35	29.8	<1	<1	<2	30	310 VH	<1	5.18 VH	13.3	442	246	487	<1	<1	<1	<1	1 VH	2.32	1 VC	<1	<1	<1	<1

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-14B	06/05/2012	797.33	40.02	757.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	07/25/2012	797.33	41.02	756.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	08/20/2012	797.33	41.28	756.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	08/23/2012	797.33	41.25	756.08	99.98	15.7	<1	<1	<2	16	1,020	<1	6.18	20.5	1,340	149	636	<1	<1	<1	<1	<1	2.6	<1	<1	<1	1.1	1 VH
MW-14B	09/04/2012	797.33	42.52	754.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	10/25/2012	797.33	42.25	755.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	11/05/2012	797.33	39.92	757.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	11/07/2012	797.33	39.99	757.34	-	16.2	<1	<1	<2	16	1,050	<1	8.76	20.1	346	230	702	1 QB	<1	<1	<1	<1	2.8 QB	1 QB	1 QB	1 QB	1.26 QB	<1
MW-14B	12/12/2012	797.33	48.12	749.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	01/22/2013	797.33	41.57	755.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	02/11/2013	797.33	40.01	757.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	02/14/2013	797.33	39.32	758.01	-	35.9	<2	<2	4	40	505 QK	<2	7.24	17.3	1,040	131	183	2 VC	<2	<2	2 VC	<2	2 VC	2 VC	2 VC	2 VC	2 VC	2 VH
MW-14B	03/07/2013	797.33	37.42	759.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	04/18/2013	797.33	38.21	759.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	05/13/2013	797.33	38.85	758.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	05/16/2013	797.33	38.91	758.42	104.65	22.5	<1	<1	2	25.00	319	1.97	3.73	10.1	485	451	<158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-14B	06/03/2013	797.33	39.81	757.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	07/26/2013	797.33	40.39	756.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	08/05/2013	797.33	40.37	756.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	08/07/2013	797.33	40.43	756.90	100.25	34.5	<2	<2	<4	34.50	479	<2	5.40	13.3	723	428	90.8 J	<2	<2	<2	14.9	<2	<2	<2	<2	<2	<2	<2
MW-14B	09/05/2013	797.33	41.47	755.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	10/08/2013	797.33	41.71	755.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	11/18/2013	797.33	41.73	755.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	11/20/2013	797.33	41.80	755.53	-	21.5	<1	<1	<2	21.50	200	<1	3.3	7.48	461	318	65.1 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-14B	12/20/2013	797.33	41.45	755.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	02/24/2014	797.33	39.14	758.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	02/26/2014	797.33	39.11	758.22	-	20.4	<1.00	<1.00	<2.00	20.4	175	<1.00	3.21	6.64	255	461	201	<1	<1	<1	9	<1	<1	<1	<1	<1	<1	<1
MW-14B	05/06/2014	797.33	36.86	760.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	05/08/2014	797.33	36.85	760.48	-	15.9	<1	<1	<2	15.9	156	<1	2.61	<1	330	381	<24.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-14B	08/06/2014	797.33	39.28	758.05	-	7.3	<1	<1	<2	7.3	95.7	<1	2.02	3.44	230	58.1 J	296	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-14B	11/03/2014	797.33	42.73	754.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	11/05/2014	797.33	42.76	754.57	-	3.42	<1	<1	<2	3.42	153	<1	2.68	6.54	286	182	241	<1	<1	2.6	<1	<1	1.01	<1	<1	<1	<1	<1
MW-14B	02/02/2015	797.33	43.38	753.95	-	1.9	<0.1	<0.1	0.4 J	2.3	91	0.2 J	1.3	3.9	150	130	160	0.1 J	<0.1	1	<0.1	<0.2	0.2 J	<0.1	<0.1	<0.1	0.2 J	<0.1
MW-14B	05/18/2015	797.33	40.28	757.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	05/20/2015	797.33	40.29	757.04	-	3.5	<0.1	<0.1	<0.1	3.5	190	<0.1	2.6	7	370	210	68 J	<0.1	<0.1	2.4	<0.1	<0.2	0.8	<0.1	<0.1	<0.1	0.6	<0.1
MW-14B	08/10/2015	797.33	40.57	756.76	-	3.3	<0.1	<0.1	<0.1	3.3	140	<0.1	2.2	5.8	280	200	51 J	<0.1	<0.1	2.1	<0.1	<0.2	0.7	<0.1	<0.1	<0.1	0.6	<0.1
MW-14B	11/02/2015	797.33	41.30	756.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	11/05/2015	797.33	41.31	756.02	-	2.1	<0.1	<0.1	<0.1	2.1	110	<0.1	1.7	4.5	240	150	100	<0.1	<0.1	1.3	<0.1	<0.2	0.3 J	<0.1	<0.1	<0.1	0.2 J	<0.1
MW-14B	02/08/2016	797.33	40.81	756.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14B	02/10/2016	797.33	40.72	756.61	-	2.1	<0.1	<0.1	<0.1	2.1	110	<0.1	1.9	4.7	220	170	<45	<0.1	<0.1	1.9	<0.1	0.2 J	0.4 J	<0.1	<0.1	<0.1	0.5 J	<0.1
MW-15	06/04/2010	793.55	45.73	747.82	-	<2	<2	<2	<2	<8	662	-	6.84	20.8	313	414	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-15	08/17/2010	793.55	48.48	745.07	-	7.36	<2	<2	<2	7	1,550	-	21.6	63.2	455	549	<150	-	-	<2	-	-	-	-	-	-	-	-
MW-15	11/24/2010	793.55	49.89	743.66	-	8.92	<2	<2	<2	9	1,300	-	14.3	44.1	587	545	309	-	-	<2	-	-	-	-	-	-	-	-
MW-15	02/17/2011	793.55	51.20	742.35	-	34.2	<1	<1	7.58	42	6,340	-	29.7	261	2,950	728	379	-	-	<1	-	-	-	-	-	-	-	-
MW-15	04/25/2011	793.55	46.35	747.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-15	04/28/2011	793.55	46.15	747.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	05/27/2011	793.55	44.20	749.35	-	47.5	<2	<2	10.1	58	2,260	-	52.0	194	1,270	1,490	<150	-	-	<2	-	-	-	-	-	-	-	-
MW-15	08/25/2011	793.55	47.69	745.86	-	23.0	<1	<1	5.78	29	4,370	-	25.1	93.8	2,100	1,120	406	-	-	<1	-	-	-	-	-	-	-	-
MW-15	11/28/2011	793.55	45.37	748.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	11/29/2011	793.55	45.05	748.50	-	6.91	<1	<1	1	8	3,160	<1	23.4	90.1	2,000	233	<163	<1	<1	<1	<1	<1	1.71	<1	<1	<1	<1	<1
MW-15	12/01/2011	793.55	45.36	748.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	12/06/2011	793.55	45.23	748.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	12/07/2011	793.55	45.01	748.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	12/08/2011	793.55	45.30	748.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	12/09/2011	793.55	45.41	748.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	12/13/2011	793.55	45.08	748.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	12/19/2011	793.55	44.95	748.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	12/28/2011	793.55	44.35	749.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	01/03/2012	793.55	44.57	748.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	01/09/2012	793.55	44.89	748.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	01/16/2012	793.55	45.24	748.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	01/20/2012	793.55	45.08	748.47	-	<2	<2	<2	<4	<10	1,360	<2	15.1	48.4	613	584	<154	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-15	01/24/2012	793.55	45.03	748.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	01/31/2012	793.55	45.26	748.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/08/2012	793.55	14.58	778.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/15/2012	793.55	45.74	747.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/22/2012	793.55	45.63	747.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/27/2012	793.55	45.97	747.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	03/05/2012	793.55	46.30	747.25	61.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	03/07/2012	793.55	46.55	747.00	117.60	<2	<2	<2	<4	<10	2,070	<2	15.1	68.5	716	576	<167	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-15	04/06/2012	793.55	46.91	746.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	05/07/2012	793.55	47.69	745.86	117.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	05/08/2012	793.55	47.36	746.19	117.60	20	<2	<2	3	23	7,260	<2	26.4	112	4,470	648	440	<2	<2	<2	<2	<2	2.76	<2	<2	<2	<2	<2
MW-15	06/05/2012	793.55	47.66	745.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	07/25/2012	793.55	48.27	745.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/20/2012	793.55	48.59	744.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/22/2012	793.55	48.69	744.86	63.30	5.48	<2	<2	<4	5	1,100	<2	14.1	58.5	618	<100	268	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-15	09/04/2012	793.55	48.82	744.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	10/25/2012	793.55	49.24	744.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	11/05/2012	793.55	48.16	745.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	11/06/2012	793.55	48.10	745.45	-	39.9	<2.00	<2.00	14.2	54.1	4,450	18.4	68.3	245	3,790	204	460	4.54	<2	<2	<2	<2	11.9	<2	<2	<2	4.24	<2
MW-15	12/12/2012	793.55	46.98	746.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	01/22/2013	793.55	47.03	746.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/11/2013	793.55	45.65	747.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/14/2013	793.55	45.78	747.77	-	15	<2	<2	2	17	3,560	<2	32	139 VH	3,120	113	443	2 VC	<2	<2	2 VC	<2	2 VC	2 VC	2 VC	2 VC	2 VC	2 VH
MW-15	03/07/2013	793.55	45.36	748.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	04/18/2013	793.55	45.50	748.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	05/13/2013	793.55	45.89	747.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	05/16/2013	793.55	46.10	747.45	-	<1	<1	<1	<2	<5	1,780	<1	12.8	48.1	684	822	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-15	06/03/2013	793.55	46.30	747.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-15	07/26/2013	793.55	47.17	746.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/05/2013	793.55	47.30	746.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/09/2013	793.55	47.33	746.22	-	4.1	<2	<2	<4	4.10	1,730	<2	12.7	40.3	1,770	914	91.7 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-15	09/05/2013	793.55	47.50	746.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	10/08/2013	793.55	48.13	745.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	11/18/2013	793.55	48.05	745.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	11/21/2013	793.55	48.44	745.11	-	8.38	<1	<1	<2	8.38	1,710	<1	10.5	48.6	1,290	706	153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-15	12/20/2013	793.55	48.11	745.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/24/2014	793.55	45.29	748.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/07/2014	793.55	45.92	747.63	-	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<13	<24.6	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2 2e
MW-15	11/03/2014	793.55	48.71	744.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	11/06/2014	793.55	48.63	744.92	-	8.86	<2	<2	<4	8.86	1,040	<2	12	43	780	582	188	<2	<2	<2	<2	<2	2.12	<2	<2	<2	<2	<2
MW-15	02/02/2015	793.55	49.03	744.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/04/2015	793.55	49.81	743.74	-	<0.2	<0.2	<0.2	<0.2	<0.8	200	<0.2	1.3	5.5	39	210	<45	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
MW-15	03/19/2015	793.55	48.98	744.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	04/08/2015	793.55	49.13	744.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	05/18/2015	793.55	48.86	744.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	05/21/2015	793.55	48.80	744.75	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.4	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-15	08/10/2015	793.55	49.15	744.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	08/12/2015	793.55	49.20	744.35	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.3	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-15	11/02/2015	793.55	49.94	743.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	11/06/2015	793.55	50.02	743.53	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-15	02/08/2016	793.55	48.75	744.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-15	02/10/2016	793.55	48.67	744.88	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.4 J	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-16A	06/03/2010	778.96	40.80	738.16	-	<1	<1	<1	<1	<4	550	-	4.09	15.6	184	422	<300	-	-	<1	-	-	-	-	-	-	-	-
MW-16A	08/17/2010	778.96	43.72	735.24	-	20.8	<2	<2	6.92	28	3,920	-	18.2	87.7	930	923	381	-	-	<2	-	-	-	-	-	-	-	-
MW-16A	11/23/2010	778.96	45.51	733.45	-	29.0	<2	<2	8.26	37	4,120	-	28.1	114	1,520	830	341	-	-	<2	-	-	-	-	-	-	-	-
MW-16A	02/16/2011	778.96	46.15	732.81	-	24.2	<2	<2	9.06	33	2,980	-	23.2	96.6	1,080	648	214	-	-	<2	-	-	-	-	-	-	-	-
MW-16A	04/25/2011	778.96	40.33	738.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	04/28/2011	778.96	39.87	739.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	05/27/2011	778.96	39.50	739.46	-	11.0	<2	<2	2.88	14	1,150	-	21.3	82.5	444	828	<150	-	-	<2	-	-	-	-	-	-	-	-
MW-16A	08/24/2011	778.96	42.63	736.33	-	12.3	<1	<1	3.64	16	3,540	-	16.1	72.5	578	963	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-16A	11/28/2011	778.96	40.86	738.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	11/30/2011	778.96	40.49	738.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	12/01/2011	778.96	39.91	739.05	-	3.94	<1	<1	1	5	2,210	<1	<1	44.5	392	538	<158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-16A	12/06/2011	778.96	39.72	739.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	12/07/2011	778.96	39.55	739.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	12/08/2011	778.96	39.65	739.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	12/09/2011	778.96	39.62	739.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	12/13/2011	778.96	39.45	739.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	12/19/2011	778.96	39.18	739.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	12/28/2011	778.96	39.00	739.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	01/03/2012	778.96	39.10	739.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	01/09/2012	778.96	39.45	739.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	01/16/2012	778.96	39.86	739.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-16A	01/19/2012	778.96	39.71	739.25	-	<2	<2	<2	<4	<10	216	<2	<2	7.64	65.4	134	<153	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16A	01/24/2012	778.96	39.89	739.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	01/31/2012	778.96	40.24	738.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	02/08/2012	778.96	40.60	738.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	02/15/2012	778.96	40.76	738.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	02/22/2012	778.96	40.78	738.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	02/27/2012	778.96	41.17	737.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	03/05/2012	778.96	41.32	737.64	66.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	03/08/2012	778.96	41.44	737.52	64.40	<2	<2	<2	<4	<10	770	<2	5.96	26.8	146	405	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16A	04/06/2012	778.96	42.10	736.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	05/07/2012	778.96	42.74	736.22	71.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	05/10/2012	778.96	42.58	736.38	64.38	5.81	<1	<1	1	7	1,360	<1	6.96 VH	29.9	421	190	157	<1	<1	<1	<1	1 VH	<1	1 VC	<1	<1	<1	<1
MW-16A	06/05/2012	778.96	43.07	735.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	07/25/2012	778.96	43.66	735.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	08/20/2012	778.96	44.09	734.87	64.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	08/22/2012	778.96	44.09	734.87	64.40	7.11	<1	<1	2	9	1,440	<1	14.6	54	648	<100	<154	<1	<1	<1	<1	<1	1.36	<1	<1	<1	<1	1 VH
MW-16A	09/04/2012	778.96	44.33	734.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	10/25/2012	778.96	44.90	734.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	11/05/2012	778.96	43.49	735.47	58.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	11/08/2012	778.96	NR	-	-	16	<2	<2	7	23	4,840	2.98	36.9 VH	165 VH	1,290	241	251	<2	<2	<2	<2	2 VC	4.3	<2	<2	<2	<2	<2
MW-16A	12/12/2012	778.96	42.14	736.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	01/22/2013	778.96	42.04	736.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	02/11/2013	778.96	40.13	738.83	64.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	02/14/2013	778.96	NR	-	-	<2	<2	<2	<4	<10	2,060	<2	12.6	46.4	690	<100	<150	2 VC	<2	<2	2 VC	<2	2 VC	2 VC	2 VC	2 VC	2 VC	2 VH
MW-16A	03/07/2013	778.96	40.21	738.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	04/18/2013	778.96	40.45	738.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	05/13/2013	778.96	41.42	737.54	64.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	05/16/2013	778.96	NR	-	-	1.18	<0.5	<0.5	<1	1.18	415	<0.5	3.06	7.93	142	559	<150	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-16A	06/03/2013	778.96	41.63	737.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	07/26/2013	778.96	42.45	736.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	08/05/2013	778.96	42.63	736.33	64.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	08/08/2013	778.96	NR	-	-	9.86	<1	<1	2.75	12.61	5,860	3.09	20.7	92.6	1,700	1,260	334	<1 VH	<1	<1	<1	<1	2.01	<1	<1	<1	<1	<1
MW-16A	09/05/2013	778.96	42.83	736.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	10/08/2013	778.96	43.41	735.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	11/18/2013	778.96	43.31	735.65	64.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	11/22/2013	778.96	NR	-	-	4.58	<2	<2	<4	4.58	1,080	<2	12	50.2	751	745	<27.4	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16A	12/20/2013	778.96	43.23	735.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	02/24/2014	778.96	39.49	739.47	-	<2	<2	<2	<4	<10	247	<2	<2	7.42	53	369	<27.4	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16A	05/06/2014	778.96	36.53	742.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	05/08/2014	778.96	NR	-	-	<1	<1	<1	<2	<5	93.8	<1	<1	<1	<5	129	114 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-16A	08/07/2014	778.96	41.51	737.45	-	<1	<1	<1	<2	<5	241	<1	1.52	5.88	61	<13	80.5 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-16A	11/03/2014	778.96	44.08	734.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	11/06/2014	778.96	NR	-	-	6.44	<2	<2	<4	6.44	1,460	<2	13.9	55	672	610	196	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16A	02/02/2015	778.96	44.75	734.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	02/05/2015	778.96	NR	-	-	1.8 J	<0.5	<0.5	<0.5	1.8 J	980	<0.5	4.9	25	350	930	<45	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-16A	03/19/2015	778.96	44.26	734.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	04/08/2015	778.96	43.79	735.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	05/18/2015	778.96	43.35	735.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	05/21/2015	778.96	NR	-	-	4.3	<0.5	<0.5	1.4 J	5.70	1,900	0.5 J	9.8	48	810	1,600	50 J	<0.5	<0.5	0.6 J	<0.5	<1	0.7 J	<0.5	<0.5	<0.5	<0.5	<0.5
MW-16A	08/10/2015	778.96	44.28	734.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	08/12/2015	778.96	NR	-	-	<2	<2	<2	<2	<8	680	<2	4.1 J	17	240	680	<45	<2	<2	<2	<2	<4	<2	<2	<2	<2	<2	<2
MW-16A	11/02/2015	778.96	45.43	733.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	11/05/2015	778.96	NR	-	-	1.1 J	<0.5	<0.5	<0.5	1.1 J	500	<0.5	2.9	12	150	530	<45	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-16A	02/08/2016	778.96	43.03	735.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	02/11/2016	778.96	NR	-	-	<1.0	<1.0	<1.0	<1.0	<4.0	300	<1.0	1.6 J	5.9	85 J	360	<45	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-16B	06/03/2010	778.24	41.51	736.73	-	21.8	<2	<2	10.1	32	3,750	-	22.8	104	1,420	896	<300	-	-	<2	-	-	-	-	-	-	-	-
MW-16B	08/17/2010	778.24	44.32	733.92	-	35.0	<2	<2	14.7	50	6,740	-	40.2	175	1,140	900	224	-	-	<2	-	-	-	-	-	-	-	-
MW-16B	11/23/2010	778.24	44.76	733.48	-	16.7	<2	<2	6.66	23	3,430	-	18.8	93.3	944	699	323	-	-	<2	-	-	-	-	-	-	-	-
MW-16B	02/16/2011	778.24	46.52	731.72	-	26.7	<2	<2	13.2	40	3,970	-	22.8	113	1,340	755	<150	-	-	<2	-	-	-	-	-	-	-	-
MW-16B	04/25/2011	778.24	40.91	737.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	04/28/2011	778.24	40.85	737.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	05/27/2011	778.24	40.15	738.09	-	25.7	<2	<2	9.82	36	2,030	-	29.9	144	565	1,060	<150	-	-	<2	-	-	-	-	-	-	-	-
MW-16B	08/24/2011	778.24	43.30	734.94	-	17.3	<1	<1	7.34	25	3,210	-	16.6	84.3	1,050	1,040	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-16B	11/28/2011	778.24	40.16	738.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	12/01/2011	778.24	40.65	737.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	12/02/2011	778.24	40.85	737.39	-	17.3	<2.00	<2.00	4.74	22.0	4,050	<2.00	23.8	119	1,060	492	<156	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16B	12/06/2011	778.24	40.23	738.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	12/07/2011	778.24	40.27	737.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	12/08/2011	778.24	40.36	737.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	12/09/2011	778.24	40.33	737.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	12/13/2011	778.24	40.16	738.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	12/19/2011	778.24	39.90	738.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	12/28/2011	778.24	39.71	738.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	01/03/2012	778.24	39.83	738.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	01/09/2012	778.24	40.16	738.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	01/16/2012	778.24	40.00	738.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	01/20/2012	778.24	40.47	737.77	-	25.5	<2	<2	7	33	6,190	<2	33.3	150	1,330	1,010	<154	<2	<2	<2	<2	<2	2.52	<2	<2	<2	<2	<2
MW-16B	01/24/2012	778.24	40.61	737.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	01/31/2012	778.24	40.96	737.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	02/08/2012	778.24	41.31	736.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	02/15/2012	778.24	41.47	736.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	02/22/2012	778.24	41.48	736.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	02/27/2012	778.24	41.85	736.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	03/05/2012	778.24	42.03	736.21	120.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	03/07/2012	778.24	42.35	735.89	120.10	15.9	<2	<2	6	22	4,480	<2	20.3	125	1,500	792	<161	<2	<2	<2	<2	<2	2.38	<2	<2	<2	<2	<2
MW-16B	04/06/2012	778.24	42.80	735.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	05/07/2012	778.24	43.40	734.84	120.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	05/11/2012	778.24	43.47	734.77	120.04	23.2	<2	<2	<4	23	1,970	<2	20.7 VH	101	554	137	<150	<2	<2	<2	<2	<2	<2	2 VC	<2	<2	<2	<2
MW-16B	06/05/2012	778.24	43.79	734.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	07/25/2012	778.24	44.37	733.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-16B	08/20/2012	778.24	44.79	733.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	08/21/2012	778.24	44.81	733.43	122.31	9.32	<2	<2	<4	9	1,760	<2	19	93.3	643	<100	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16B	09/04/2012	778.24	45.04	733.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	10/25/2012	778.24	45.60	732.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	11/05/2012	778.24	44.15	734.09	119.90	11.9	<2.00	<2.00	<4.00	11.9	4,480	<2.00	32.3	142	2,750	<100	<153	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16B	12/12/2012	778.24	42.83	735.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	01/22/2013	778.24	42.74	735.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	02/11/2013	778.24	40.80	737.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	02/14/2013	778.24	40.70	737.54	-	7.48	<2	<2	<4	7	3,590	<2	26.3	127 VH	1,720	<100	<150	2 VC	<2	<2	2 VC	<2	2 VC	2 VC	2 VC	2 VC	2 VC	2 VH
MW-16B	03/07/2013	778.24	40.92	737.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	04/18/2013	778.24	41.17	737.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	05/13/2013	778.24	41.73	736.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	05/16/2013	778.24	41.79	736.45	124.90	4.92	<2	<2	<4	5.00	1,600	<2	13	42.5	<10	881	<153	<2	<2	<2	<2	<2	<5	<2	<2	<2	<2	<2
MW-16B	06/03/2013	778.24	42.35	735.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	07/26/2013	778.24	43.15	735.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	08/05/2013	778.24	43.32	734.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	08/09/2013	778.24	43.40	734.84	-	<2	<2	<2	<4	<10	1,480	<2	8.28	36	795	813	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16B	09/05/2013	778.24	43.53	734.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	10/08/2013	778.24	44.10	734.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	11/18/2013	778.24	44.04	734.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	11/21/2013	778.24	44.27	733.97	-	<2	<2	<2	<4	<10	1,100	<2	8.98	41	389	525	<27.1	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16B	12/20/2013	778.24	43.93	734.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	02/24/2014	778.24	40.20	738.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	02/27/2014	778.24	39.70	738.54	-	<2.00	<2.00	<2.00	<4.00	<10	871	<2.00	7.88	35	253	1,010	<28.5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-16B	05/06/2014	778.24	37.27	740.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	05/09/2014	778.24	37.05	741.19	-	<1	<1	<1	<2	<5	768	<1	5.93	25	195	59.8 J	<23.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-16B	08/07/2014	778.24	42.24	736.00	-	1.31	<1	<1	<2	1.31	1,470	<1	6.69	30	519	34.6 J	59.2 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-16B	11/03/2014	778.24	44.78	733.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	11/06/2014	778.24	44.78	733.46	-	1.2	<1	<1	<2	1.2	939	<1	6.79	26.6	211	442	42.9 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-16B	02/02/2015	778.24	45.43	732.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	02/04/2015	778.24	45.61	732.63	-	2.9 J	<1.0	<1.0	<1.0	2.9 J	1,200	<1.0	5.9	26	430	1,100	<45	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
MW-16B	03/19/2015	778.24	44.92	733.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	04/08/2015	778.24	44.44	733.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	05/18/2015	778.24	44.02	734.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	05/21/2015	778.24	44.03	734.21	-	0.1 J	<0.1	<0.1	<0.1	0.1 J	33	<0.1	0.3 J	0.7	9.0 J	37 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-16B	08/10/2015	778.24	44.92	733.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	08/12/2015	778.24	45.29	732.95	-	0.2 J	<0.1	<0.1	<0.1	0.2 J	64	<0.1	0.8	1.6	13	67	<45	<0.1	<0.1	0.1 J	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-16B	11/02/2015	778.24	46.11	732.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16B	11/06/2015	778.24	46.13	732.11	-	<0.1	<0.1	<0.1	<0.1	<0.4	22	<0.1	0.2 J	0.5	7.6 J	22 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-16B	02/08/2016	778.24	43.65	734.59	-	-	-	-	-	-	-	-	-	-	-	-	-											
MW-16B	02/12/2016	778.24	43.19	735.05	-	<0.1	<0.1	<0.1	<0.1	<0.4	46	<0.1	0.3 J	0.9	15	57	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-17A	06/03/2010	785.01	30.08	754.93	-	<1	<1	<1	<1	<4	1.82	-	<1	<1	<5	<100	<300	-	-	<1	-	-	-	-	-	-	-	-
MW-17A	08/18/2010	785.01	32.68	752.33	-	<1	<1	<1	<1	<4	1.88	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-17A	11/24/2010	785.01	33.96	751.05	-	<1	<1	<1	<1	<4	1.88	-	<1	<1	<5	<100	541 D1	-	-	<1	-	-	-	-	-	-	-	-
MW-17A	02/16/2011	785.01	37.95	747.06	-	<1	<1	<1	<1	<4	1.19	-	<1	<1	<5	<100	239	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-17A	04/25/2011	785.01	29.54	755.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	04/28/2011	785.01	31.51	753.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	05/26/2011	785.01	28.30	756.71	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-17A	08/24/2011	785.01	31.95	753.06	-	<1	<1	<1	<1	<4	1.18	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-17A	11/28/2011	785.01	28.97	756.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	11/29/2011	785.01	28.61	756.40	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17A	12/01/2011	785.01	29.15	755.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	12/06/2011	785.01	29.22	755.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	12/07/2011	785.01	29.10	755.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	12/08/2011	785.01	28.70	756.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	12/09/2011	785.01	28.21	756.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	12/19/2011	785.01	27.46	757.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	12/28/2011	785.01	26.80	758.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	01/03/2012	785.01	26.53	758.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	01/09/2012	785.01	26.95	758.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	01/16/2012	785.01	27.34	757.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	01/19/2012	785.01	27.20	757.81	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17A	01/24/2012	785.01	27.19	757.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	01/31/2012	785.01	27.50	757.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	02/08/2012	785.01	27.95	757.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	02/15/2012	785.01	28.22	756.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	02/22/2012	785.01	28.18	756.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	02/27/2012	785.01	29.18	755.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	03/05/2012	785.01	29.01	756.00	47.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	03/08/2012	785.01	29.44	755.57	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	1 QB	<1	<1	<1	<1	<1	<1
MW-17A	04/06/2012	785.01	30.18	754.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	05/07/2012	785.01	30.85	754.16	50.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	05/10/2012	785.01	30.61	754.40	50.83	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<1500	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-17A	06/05/2012	785.01	29.83	755.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	07/25/2012	785.01	31.13	753.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	08/20/2012	785.01	31.67	753.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	08/22/2012	785.01	32.02	752.99	64.37	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VH
MW-17A	09/04/2012	785.01	32.30	752.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	10/25/2012	785.01	32.75	752.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	11/05/2012	785.01	30.17	754.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	11/06/2012	785.01	30.40	754.61	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<5.00	<100	<154	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17A	12/12/2012	785.01	30.33	754.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	01/22/2013	785.01	29.85	755.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	02/11/2013	785.01	28.21	756.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	02/12/2013	785.01	28.09	756.92	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<154	1 VC	<1	<1	1 VC	<1	1 VC	1 VC	<1	1 VC	1 VC	1 VH
MW-17A	03/07/2013	785.01	28.30	756.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	04/18/2013	785.01	28.86	756.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	05/13/2013	785.01	29.14	755.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	05/15/2013	785.01	29.12	755.89	47.06	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17A	06/03/2013	785.01	29.67	755.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-17A	07/26/2013	785.01	30.53	754.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	08/05/2013	785.01	30.59	754.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	08/07/2013	785.01	30.86	754.15	48.15	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	41.6 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-17A	09/05/2013	785.01	30.86	754.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	10/08/2013	785.01	31.89	753.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	11/18/2013	785.01	31.83	753.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	11/20/2013	785.01	32.2	752.81	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17A	12/20/2013	785.01	31.40	753.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	02/24/2014	785.01	27.81	757.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	02/25/2014	785.01	27.85	757.16	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<28.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17A	08/05/2014	785.01	29.93	755.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	11/03/2014	785.01	32.89	752.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	11/04/2014	785.01	33.07	751.94	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<23.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17A	02/02/2015	785.01	32.93	752.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	05/18/2015	785.01	30.34	754.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	05/20/2015	785.01	30.23	754.78	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-17A	08/10/2015	785.01	30.72	754.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	11/02/2015	785.01	31.69	753.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	11/05/2015	785.01	29.95	755.06	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-17A	02/08/2016	785.01	29.29	755.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	06/03/2010	785.17	29.73	755.44	-	6.83	<1	<1	6.1	13	22.8	-	<1	<1	<5	123	<300	-	-	<1	-	-	-	-	-	-	-	-
MW-17B	08/17/2010	785.17	32.41	752.76	-	7.68	<1	<1	6.39	14	22.6	-	<1	1.02	<5	119	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-17B	11/24/2010	785.17	33.91	751.26	-	5.69	<1	<1	4.80	10	26.3	-	<1	<1	31.6	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-17B	02/16/2011	785.17	34.51	750.66	-	11.4	<1	<1	7.35	19	21.4	-	<1	<1	<5	116	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-17B	04/25/2011	785.17	29.42	755.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	04/28/2011	785.17	30.51	754.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	05/26/2011	785.17	28.77	756.40	-	10.6	<1	<1	5.74	16	25.7	-	<1	<1	<5	134	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-17B	08/24/2011	785.17	31.84	753.33	-	8.46	<1	<1	3.79	12	21.6	-	<1	<1	17.7	106	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-17B	11/28/2011	785.17	28.84	756.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	11/29/2011	785.17	28.46	756.71	-	11.4	<1	<1	5.0	16	30.6	<1	<1	1.46	33.5	<100	<156	2.43	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17B	12/01/2011	785.17	28.97	756.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	12/06/2011	785.17	29.22	755.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	12/07/2011	785.17	29.08	756.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	12/08/2011	785.17	28.87	756.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	12/09/2011	785.17	28.50	756.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	12/13/2011	785.17	28.50	756.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	12/19/2011	785.17	27.65	757.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	12/28/2011	785.17	26.65	758.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	01/03/2012	785.17	26.59	758.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	01/09/2012	785.17	27.01	758.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	01/16/2012	785.17	27.34	757.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	01/19/2012	785.17	27.21	757.96	-	10.1	<1	<1	2	12	21.1	<1	<1	<1	18.7	<100	<152	1.63	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17B	01/24/2012	785.17	27.28	757.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	01/31/2012	785.17	27.57	757.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	02/08/2012	785.17	27.95	757.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-17B	02/15/2012	785.17	28.12	757.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	02/22/2012	785.17	28.37	756.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	02/27/2012	785.17	28.98	756.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	03/05/2012	785.17	28.94	756.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	03/08/2012	785.17	29.34	755.83	-	10.3	<1	<1	5.55	16	24.9	<1	<1	<1	<5	<100	<152	4.05	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17B	04/06/2012	785.17	30.01	755.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	05/07/2012	785.17	30.74	754.43	120.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	05/10/2012	785.17	30.65	754.52	120.82	9.19	<1	<1	<2	9	13.2	<1	<1	<1	19.5	<100	<150	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-17B	06/05/2012	785.17	29.74	755.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	07/25/2012	785.17	31.11	754.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	08/20/2012	785.17	31.65	753.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	08/22/2012	785.17	31.77	753.40	120.70	13.2	<1	<1	<2	13	24.3	<1	<1	1.13	22.1	<100	<150	1 QB	<1	<1	1 QB	1 QB	1 QB	<1	<1	1 QB	1 QB	<1
MW-17B	09/04/2012	785.17	32.28	752.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	10/25/2012	785.17	32.68	752.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	11/05/2012	785.17	30.15	755.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	11/06/2012	785.17	30.18	754.99	-	10.7	<1.00	<1.00	<2.00	10.7	19.1	<1.00	<1.00	<1.00	17.3	<100	<159	<1	<1	<1	<1	1 VH	<1	<1	<1	<1	<1	<1
MW-17B	12/12/2012	785.17	30.07	755.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	01/22/2013	785.17	29.75	755.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	02/11/2013	785.17	28.42	756.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	02/12/2013	785.17	28.16	757.01	-	11.7	<1	<1	<2	12	25.6	<1	<1	1.06	28.9	<100	<153	1 VC	<1	<1	1 VC	<1	1 VC	1 VC	<1	1 VC	1 VC	1 VH
MW-17B	03/07/2013	785.17	28.22	756.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	04/18/2013	785.17	28.80	756.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	05/13/2013	785.17	29.03	756.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	05/15/2013	785.17	29.14	756.03	126.60	11.8	<1	<1	<2	12.00	21.2	<1	<1	<1	<5	110	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17B	06/03/2013	785.17	29.56	755.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	07/26/2013	785.17	30.43	754.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	08/05/2013	785.17	30.35	754.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	08/07/2013	785.17	30.59	754.58	126.89	12.4	<1	<1	<2	12.40	23.1	<1	<1	<1	<5	72.7 J	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-17B	09/05/2013	785.17	30.75	754.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	10/08/2013	785.17	31.75	753.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	11/18/2013	785.17	31.85	753.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	11/20/2013	785.17	32.02	753.15	-	12.0	<1	<1	<2	12.00	19.9	<1	<1	<1	<5	85.4 J	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17B	12/20/2013	785.17	31.38	753.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	02/24/2014	785.17	27.94	757.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	02/25/2014	785.17	27.92	757.25	-	11.3	<1	<1	<2	11.3	13.1	<1	<1	<1	7.09	72.3 J	<29.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17B	05/06/2014	785.17	24.95	760.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	05/07/2014	785.17	25.20	759.97	-	10.2	<1	<1	<2	10.2	16.2	<1	<1	<1	<5	46.2 J	<23.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17B	08/06/2014	785.17	29.77	755.40	-	2.05	<1	<1	<2	2.05	6.59	<1	<1	<1	<5	18.2 J	<24.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17B	11/03/2014	785.17	32.92	752.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	11/04/2014	785.17	32.98	752.19	-	10.2	<1	<1	<2	10.2	15.7	<1	<1	<1	11.80	51 J	28.3 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-17B	02/02/2015	785.17	32.97	752.20	-	0.6	<0.1	<0.1	<0.1	0.6	4.6	<0.1	0.2 J	0.1 J	7.7 J	<20	<45	<0.1	<0.1	0.2 J	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-17B	05/18/2015	785.17	30.28	754.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	05/21/2015	785.17	30.21	754.96	-	8.4	<0.1	<0.1	0.2 J	8.6	18	<0.1	0.6	0.8	13.00	52	<45	0.3 J	<0.1	0.8	<0.1	<0.2	0.3 J	<0.1	<0.1	<0.1	<0.1	<0.1
MW-17B	08/10/2015	785.17	30.75	754.42	-	6.9	<0.1	<0.1	<0.1	6.9	12	<0.1	0.4 J	0.5	12	41 J	<45	0.1 J	<0.1	0.6	<0.1	<0.2	0.2 J	<0.1	<0.1	<0.1	<0.1	<0.1
MW-17B	11/02/2015	785.17	31.65	753.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-17B	11/05/2015	785.17	31.91	753.26	-	4.4	<0.1	<0.1	<0.1	4.4	9.2	<0.1	0.4 J	0.4 J	9.4 J	26 J	<45	0.1 J	<0.1	0.5 J	<0.1	<0.2	0.2 J	<0.1	<0.1	<0.1	<0.1	<0.1
MW-17B	02/08/2016	785.17	29.53	755.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17B	02/10/2016	785.17	29.28	755.89	-	6.7	<0.1	<0.1	0.1 J	6.8 J	13	<0.1	0.5 J	0.5	10	43 J	<45	0.2 J	<0.1	0.6	<0.1	<0.2	0.2 J	<0.1	<0.1	<0.1	<0.1	<0.1
MW-18A	06/04/2010	798.54	43.67	754.87	-	<5	<5	<5	<5	<20	6,370	-	38.8	171	966	3,360	<300	-	-	<5	-	-	-	-	-	-	-	-
MW-18A	08/17/2010	798.54	46.37	752.17	-	2.20	<2	<2	<2	2	5,950	-	51.0	217	3,240	1,000	169	-	-	<2	-	-	-	-	-	-	-	-
MW-18A	11/24/2010	798.54	47.98	750.56	-	<2	<2	<2	<2	<8	7,520	-	30.2	134	1,940	925	222	-	-	<2	-	-	-	-	-	-	-	-
MW-18A	02/17/2011	798.54	48.70	749.84	-	2.20	<2	<2	2.58	5	10,300	-	40.4	196	2,990	923	178	-	-	<2	-	-	-	-	-	-	-	-
MW-18A	04/25/2011	798.54	43.20	755.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	04/28/2011	798.54	45.43	753.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	05/27/2011	798.54	42.20	756.34	-	<2	<2	<2	<2	<8	2,040	-	15.8	71.3	108	976	<150	-	-	<2	-	-	-	-	-	-	-	-
MW-18A	08/25/2011	798.54	45.68	752.86	-	<2	<2	<2	<2	<8	3,000	-	11.1	55.7	534	791	<150	-	-	<2	-	-	-	-	-	-	-	-
MW-18A	11/28/2011	798.54	43.12	755.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	11/30/2011	798.54	42.90	755.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	12/01/2011	798.54	44.04	754.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	12/02/2011	798.54	NR	-	-	<2.00	<2.00	<2.00	<4.00	<10.00	3,520	<2.00	19.8	76.2	729	302	<164	<2	<2	2 V4	<2	<2	<2	<2	<2	<2	<2	<2
MW-18A	12/06/2011	798.54	43.27	755.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	12/07/2011	798.54	44.22	754.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	12/08/2011	798.54	44.97	753.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	12/09/2011	798.54	44.52	754.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	12/13/2011	798.54	42.98	755.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	12/19/2011	798.54	44.92	753.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	12/28/2011	798.54	42.58	755.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	01/03/2012	798.54	44.43	754.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	01/09/2012	798.54	44.83	753.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	01/16/2012	798.54	45.15	753.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	01/19/2012	798.54	44.72	753.82	-	<2	<2	<2	<4	<10	925	<2	<2	20.5	98.9	455	<153	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-18A	01/24/2012	798.54	44.96	753.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	01/31/2012	798.54	44.97	753.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	02/08/2012	798.54	45.37	753.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	02/15/2012	798.54	45.42	753.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	02/22/2012	798.54	45.40	753.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	02/27/2012	798.54	44.30	754.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	03/05/2012	798.54	47.86	750.68	68.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	03/08/2012	798.54	45.91	752.63	64.60	<2	<2	<2	<4	<10	333	<2	<2	2.84	43.1	192	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-18A	04/06/2012	798.54	45.35	753.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	05/07/2012	798.54	46.90	751.64	68.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	05/10/2012	798.54	46.75	751.79	64.65	<2	<2	<2	<4	<10	86.3	<2	<2	2.04	31.3	<100	<150	<2	<2	<2	<2	<2	<2	2 VC	<2	<2	<2	<2
MW-18A	06/05/2012	798.54	46.36	752.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	07/25/2012	798.54	47.27	751.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	08/20/2012	798.54	47.52	751.02	64.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	08/22/2012	798.54	47.52	751.02	64.67	<1	<1	<1	<2	<5	75	<1	<1	1.59	23.4	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-18A	09/04/2012	798.54	47.75	750.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	10/25/2012	798.54	47.44	751.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	11/05/2012	798.54	46.30	752.24	64.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	11/08/2012	798.54	NR	-	-	<2	<2	<2	<4	<10	539	<2	<2	14.4	226	<100	<152	<2	<2	<2	<2	2 VC	<2	<2	<2	<2	<2	<2

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-18A	12/12/2012	798.54	44.92	753.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	01/22/2013	798.54	45.55	752.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	02/11/2013	798.54	43.91	754.63	64.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	02/14/2013	798.54	NR	-	-	<1	<1	<1	<2	<5	122 QK	<1	<1	<1	17.5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VC
MW-18A	03/07/2013	798.54	43.95	754.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	04/18/2013	798.54	44.18	754.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	05/13/2013	798.54	44.42	754.12	64.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	05/16/2013	798.54	NR	-	-	<0.5	<0.5	<0.5	<1	<3	41.8	<0.5	<0.5	<0.5	<2.5	110	<150	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-18A	06/03/2013	798.54	44.40	754.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	07/26/2013	798.54	45.63	752.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	08/05/2013	798.54	45.67	752.87	64.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	08/08/2013	798.54	NR	-	-	<1	<1	<1	<2	<5	9.58	<1	<1	<1	<5	15.6	51.0 J	<1 VH	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-18A	09/05/2013	798.54	46.02	752.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	10/08/2013	798.54	46.72	751.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	11/18/2013	798.54	46.67	751.87	64.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	11/22/2013	798.54	NR	-	-	<1	<1	<1	<2	<5	7.66	<1	<1	<1	<5	19.2 J	<27.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-18A	12/20/2013	798.54	46.49	752.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	01/23/2014	798.54	43.74	754.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	02/10/2014	798.54	42.85	755.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	02/24/2014	798.54	43.95	754.59	64.68	<1	<1	<1	<2	<5	34.9	<1	<1	<1	<5	62.1 J	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-18A	03/11/2014	798.54	41.36	757.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	03/21/2014	798.54	43.14	755.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	04/04/2014	798.54	40.65	757.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	04/21/2014	798.54	42.90	755.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	05/06/2014	798.54	39.48	759.06	64.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	05/08/2014	798.54	NR	-	-	<1	<1	<1	<2	<5	26.6	<1	<1	<1	<5	43.3 J	134 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-18A	05/22/2014	798.54	42.20	756.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	06/09/2014	798.54	40.51	758.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	06/23/2014	798.54	43.85	754.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	07/10/2014	798.54	42.72	755.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	08/07/2014	798.54	43.91	754.63	-	<1	<1	<1	<2	<5	11.8	<1	<1	<1	<5	<13	<24.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-18A	11/03/2014	798.54	46.94	751.60	64.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	11/06/2014	798.54	NR	-	-	<1	<1	<1	<2	<5	9.46	<1	<1	<1	<5	<13	26.7 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-18A	02/02/2015	798.54	47.22	751.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	02/05/2015	798.54	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	5	<0.1	<0.1	<0.1	<4.0	<20	56 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-18A	03/19/2015	798.54	46.07	752.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	04/08/2015	798.54	46.85	751.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	05/18/2015	798.54	46.67	751.87	64.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	05/21/2015	798.54	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	15	<0.1	<0.1	0.3 J	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-18A	08/10/2015	798.54	47.24	751.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	08/12/2015	798.54	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	6.5	<0.1	<0.1	0.1 J	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-18A	11/02/2015	798.54	48.01	750.53	64.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	11/05/2015	798.54	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	2.8	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-18A	02/08/2016	798.54	46.24	752.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18A	02/11/2016	798.54	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	9.2	<0.1	<0.1	0.1 J	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-18B	06/04/2010	799.12	44.18	754.94	-	25.8	<5	<5	16.7	43	4,310	-	57.6	266	4,770	4,410	<300	-	-	<5	-	-	-	-	-	-	-	-
MW-18B	08/17/2010	799.12	47.20	751.92	-	73.5	<5	<5	43.4	117	13,000	-	166	432	7,110	1,310	375	-	-	<5	-	-	-	-	-	-	-	-
MW-18B	11/24/2010	799.12	48.80	750.32	-	25.1	<5	<5	13.1	38	11,900	-	53.1	251	4,990	1,220	426	-	-	<5	-	-	-	-	-	-	-	-
MW-18B	02/17/2011	799.12	50.50	748.62	-	28.2	<5	<5	17.2	45	8,100	-	65.3	329	4,980	1,150	250	-	-	<5	-	-	-	-	-	-	-	-
MW-18B	04/25/2011	799.12	43.78	755.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	04/28/2011	799.12	45.41	753.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	05/27/2011	799.12	42.93	756.19	-	23.0	<5	<5	<5	23	8,290	-	85.7	392	2,700	1,560	<150	-	-	<5	-	-	-	-	-	-	-	-
MW-18B	08/25/2011	799.12	46.51	752.61	-	23.4	<5	<5	<5	23	10,400	-	70.5	296	3,350	1,170	<150	-	-	<5	-	-	-	-	-	-	-	-
MW-18B	11/28/2011	799.12	43.85	755.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	12/01/2011	799.12	44.43	754.69	-	10.5	5.40	<2.00	6.88	22.8	9,690	<2.00	39.9	195	3,130	294	<153	<2	<2	2 V4	<2	<2	<2	<2	<2	<2	<2	<2
MW-18B	12/06/2011	799.12	43.96	755.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	12/07/2011	799.12	44.45	754.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	12/08/2011	799.12	45.10	754.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	12/09/2011	799.12	45.13	753.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	12/13/2011	799.12	43.71	755.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	12/19/2011	799.12	45.14	753.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	12/28/2011	799.12	43.29	755.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	01/03/2012	799.12	44.76	754.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	01/09/2012	799.12	45.21	753.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	01/16/2012	799.12	45.58	753.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	01/20/2012	799.12	45.30	753.82	-	3.64	<2	<2	<4	4	4,110	<2	21.7	73.9	1,180	989	<153	<2	<2	<2	<2	<2	<2	2 C	<2	<2	<2	<2
MW-18B	01/24/2012	799.12	45.38	753.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	01/31/2012	799.12	45.47	753.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/08/2012	799.12	45.85	753.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/15/2012	799.12	45.90	753.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/22/2012	799.12	45.94	753.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/27/2012	799.12	44.99	754.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	03/05/2012	799.12	46.35	752.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	03/08/2012	799.12	46.61	752.51	-	3.42	<2	<2	<4	3	4,820	<2	18.5	103	1,990	618	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-18B	04/06/2012	799.12	46.18	752.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	05/07/2012	799.12	47.43	751.69	120.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	05/08/2012	799.12	47.45	751.67	120.36	<2	<2	<2	<4	<10	1,420	<2	7.8 VH	36.8	779	184	<152	<2	<2	<2	<2	<2	<2	2 VC	<2	<2	<2	<2
MW-18B	06/05/2012	799.12	47.04	752.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	07/25/2012	799.12	47.77	751.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	08/20/2012	799.12	48.02	751.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	08/22/2012	799.12	48.03	751.09	122.30	<2	<2	<2	<4	<10	1,810	<2	14.1	78.3	1,010	<100	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-18B	09/04/2012	799.12	48.14	750.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	10/25/2012	799.12	48.12	751.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	11/05/2012	799.12	46.51	752.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	11/07/2012	799.12	46.25	752.87	-	<2	<2	<2	<4	<10	2,850	<2	26.9 VH	126	881	<100	<156	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-18B	12/12/2012	799.12	45.54	753.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	01/22/2013	799.12	46.18	752.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/11/2013	799.12	44.44	754.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/14/2013	799.12	44.44	754.68	-	3.02	<2	<2	<4	3	3,600	<2	19.1	93.5	1,460	<100	<153	2 VC	<2	<2	2 VC	<2	2 VC	2 VC	2 VC	2 VC	2 VC	2 VH
MW-18B	03/07/2013	799.12	44.55	754.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-18B	04/18/2013	799.12	44.80	754.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	05/13/2013	799.12	45.00	754.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	05/16/2013	799.12	45.12	754.00	-	2.96	<2	<2	<4	3.00	1,890	<2	12.3	36	213	804	<153	<2	<2	<2	<2	<2	12	<2	<2	<2	<2	<2
MW-18B	06/03/2013	799.12	45.26	753.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	07/26/2013	799.12	45.84	753.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	08/05/2013	799.12	46.05	753.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	08/09/2013	799.12	46.18	752.94	-	2.24	<2	<2	<4	2.24	1,280	<2	12.8	47.2	584	789	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-18B	09/05/2013	799.12	46.34	752.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	10/08/2013	799.12	47.98	751.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	11/18/2013	799.12	47.05	752.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	11/21/2013	799.12	47.15	751.97	-	<2	<2	<2	<4	<10	943	<2	7.16	29.7	449	495	55.6 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-18B	12/20/2013	799.12	47.22	751.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	01/23/2014	799.12	44.09	755.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/10/2014	799.12	43.37	755.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/24/2014	799.12	43.94	755.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/27/2014	799.12	43.77	755.35	-	<2.00	<2.00	<2.00	<4.00	<10	1,090	<2.00	9.72	35.7	520	1,090	<27.7	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-18B	03/11/2014	799.12	42.05	757.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	03/21/2014	799.12	43.25	755.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	04/04/2014	799.12	41.61	757.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	04/21/2014	799.12	42.92	756.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	05/06/2014	799.12	40.46	758.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	05/09/2014	799.12	41.07	758.05	-	<1	<1	<1	<2	<5	107	<1	1.4	<1	13.2	156	<23.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-18B	05/22/2014	799.12	42.20	756.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	06/09/2014	799.12	41.42	757.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	06/23/2014	799.12	43.85	755.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	07/10/2014	799.12	43.35	755.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	08/07/2014	799.12	44.56	754.56	-	8.77	<1	<1	<2	8.77	4,420	<1	13.4	66.2	1,160	110	37.0 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-18B	11/03/2014	799.12	47.23	751.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	11/06/2014	799.12	47.34	751.78	-	<1	<1	<1	<2	<5	23	<1	<1	<1	<5	25.5 J	28.5 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-18B	02/02/2015	799.12	47.83	751.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/04/2015	799.12	47.94	751.18	-	5.6	<1.0	<1.0	<1.0	5.6	2,300	<1.0	9.6	46	800	1,900	<45	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
MW-18B	03/19/2015	799.12	47.45	751.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	04/08/2015	799.12	46.48	752.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	05/18/2015	799.12	46.43	752.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	05/21/2015	799.12	46.40	752.72	-	1.9 J	<1.0	<1.0	<1.0	1.9 J	400	<1.0	5.5	11	730	370	<45	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
MW-18B	08/10/2015	799.12	46.90	752.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	08/12/2015	799.12	47.03	752.09	-	2.2	<0.1	<0.1	<0.1	2.2	55	<0.1	5.8	3	1200	88	<45	<0.1	<0.1	0.3 J	<0.1	<0.2	0.2 J	<0.1	<0.1	<0.1	<0.1	<0.1
MW-18B	11/02/2015	799.12	48.06	751.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	11/06/2015	799.12	48.06	751.06	-	3.2	<0.1	<0.1	0.1 J	3.3 J	190	<0.1	6.8	6.4	1,100	260	<45	<0.1	<0.1	0.5 J	<0.1	<0.2	0.3 J	<0.1	<0.1	<0.1	0.1 J	<0.1
MW-18B	02/08/2016	799.12	46.40	752.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-18B	02/11/2016	799.12	45.90	753.22	-	0.1 J	<0.1	<0.1	<0.1	0.1 J	50	<0.1	0.3 J	1	30	60	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-19A	07/07/2011	761.83	24.75	737.08	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-19A	08/24/2011	761.83	26.54	735.29	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-19A	11/28/2011	761.83	22.79	739.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	12/01/2011	761.83	22.50	739.33	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<154	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-19A	12/06/2011	761.83	22.29	739.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	12/07/2011	761.83	22.15	739.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	12/08/2011	761.83	21.42	740.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	12/09/2011	761.83	22.28	739.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	12/13/2011	761.83	21.88	739.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	12/19/2011	761.83	21.63	740.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	12/28/2011	761.83	19.21	742.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	01/03/2012	761.83	22.06	739.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	01/09/2012	761.83	22.54	739.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	01/16/2012	761.83	23.08	738.75	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<166	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19A	01/24/2012	761.83	23.30	738.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	01/31/2012	761.83	23.70	738.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	02/08/2012	761.83	24.03	737.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	02/15/2012	761.83	24.19	737.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	02/22/2012	761.83	24.22	737.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	02/27/2012	761.83	24.64	737.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	03/05/2012	761.83	24.82	737.01	59.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	03/07/2012	761.83	25.00	736.83	55.70	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<159	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19A	04/06/2012	761.83	25.65	736.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	05/07/2012	761.83	26.38	735.45	55.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	05/08/2012	761.83	26.77	735.06	55.62	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	173	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-19A	06/05/2012	761.83	26.81	735.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	07/25/2012	761.83	27.33	734.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	08/20/2012	761.83	27.83	734.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	08/21/2012	761.83	27.86	733.97	55.45	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-19A	09/04/2012	761.83	28.16	733.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	10/25/2012	761.83	28.83	733.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	11/05/2012	761.83	25.79	736.04	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<5.00	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19A	12/12/2012	761.83	25.30	736.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	01/22/2013	761.83	24.89	736.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	02/11/2013	761.83	22.30	739.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	02/13/2013	761.83	22.36	739.47	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	1 VC	<1	<1	<1	<1	<1	1 VC	<1	1 VC	<1	<1
MW-19A	03/07/2013	761.83	23.34	738.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	04/18/2013	761.83	23.72	738.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	05/13/2013	761.83	24.35	737.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	05/14/2013	761.83	24.42	737.41	49.90	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<5.00	<100	<158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19A	07/26/2013	761.83	26.15	735.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	06/03/2013	761.83	25.06	736.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	08/05/2013	761.83	26.35	735.48	32.10	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	<162	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-19A	09/05/2013	761.83	26.50	735.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	10/08/2013	761.83	27.19	734.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	11/18/2013	761.83	26.90	734.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	11/20/2013	761.83	27.14	734.69	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19A	12/20/2013	761.83	26.55	735.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	02/24/2014	761.83	18.77	743.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-19A	05/06/2014	761.83	18.63	743.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	05/07/2014	761.83	18.80	743.03	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<23.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19A	08/05/2014	761.83	25.56	736.27	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	41.6 J	<24.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19A	11/03/2014	761.83	28.15	733.68	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<23.9	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19A	02/02/2015	761.83	28.53	733.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	05/18/2015	761.83	26.30	735.53	55.4	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-19A	08/10/2015	761.83	27.68	734.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	08/12/2015	761.83	27.70	734.13	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-19A	11/02/2015	761.83	29.17	732.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	11/04/2015	761.83	29.22	732.61	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-19A	02/08/2016	761.83	24.66	737.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19A	03/09/2016	761.83	21.33	740.50	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-19B	07/07/2011	762.80	62.11	700.69	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-19B	08/24/2011	762.80	29.25	733.55	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-19B	11/28/2011	762.80	16.61	746.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	12/01/2011	762.80	17.00	745.80	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<154	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19B	12/06/2011	762.80	19.80	743.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	12/07/2011	762.80	19.80	743.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	12/08/2011	762.80	18.75	744.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	12/09/2011	762.80	18.82	743.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	12/13/2011	762.80	18.94	743.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	12/19/2011	762.80	19.04	743.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	12/28/2011	762.80	18.97	743.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	01/03/2012	762.80	19.15	743.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	01/09/2012	762.80	19.27	743.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	01/16/2012	762.80	19.65	743.15	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<160	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19B	01/24/2012	762.80	20.98	741.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	01/31/2012	762.80	21.03	741.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	02/08/2012	762.80	21.17	741.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	02/15/2012	762.80	21.28	741.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	02/22/2012	762.80	21.43	741.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	02/27/2012	762.80	21.52	741.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	03/05/2012	762.80	21.75	741.05	121.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	03/07/2012	762.80	21.74	741.06	121.30	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<155	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19B	04/06/2012	762.80	23.02	739.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	05/07/2012	762.80	23.35	739.45	121.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	05/08/2012	762.80	23.36	739.44	121.04	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	<162	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-19B	06/05/2012	762.80	32.02	730.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	07/25/2012	762.80	24.32	738.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	08/20/2012	762.80	24.83	737.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	08/21/2012	762.80	24.83	737.97	121.00	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-19B	09/04/2012	762.80	24.75	738.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	10/25/2012	762.80	22.66	740.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	11/05/2012	762.80	5.54	757.26	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<5.00	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19B	12/12/2012	762.80	16.30	746.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-19B	01/22/2013	762.80	24.89	737.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	02/11/2013	762.80	22.13	740.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	02/13/2013	762.80	22.05	740.75	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	1 VC	<1	<1	<1	<1	<1	1 VC	<1	1 VC	<1	<1
MW-19B	03/07/2013	762.80	22.96	739.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	04/18/2013	762.80	21.81	740.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	05/13/2013	762.80	21.93	740.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	05/14/2013	762.80	21.95	740.85	122.05	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<5.00	<100	<158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19B	06/03/2013	762.80	25.04	737.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	07/26/2013	762.80	24.18	738.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	08/05/2013	762.80	23.09	739.71	122.06	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-19B	09/05/2013	762.80	24.06	738.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	10/08/2013	762.80	24.44	738.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	11/18/2013	762.80	24.60	738.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	11/20/2013	762.80	24.65	738.15	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19B	12/20/2013	762.80	25.89	736.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	02/24/2014	762.80	20.11	742.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	05/06/2014	762.80	18.42	744.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	05/07/2014	762.80	18.35	744.45	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<24.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19B	08/05/2014	762.80	19.97	742.83	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	35.0 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19B	11/03/2014	762.80	24.86	737.94	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	50.6 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-19B	02/02/2015	762.80	22.51	740.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	05/18/2015	762.80	21.57	741.23	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-19B	08/10/2015	762.80	24.58	738.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	08/12/2015	762.80	24.66	738.14	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-19B	11/02/2015	762.80	29.65	733.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	11/04/2015	762.80	29.66	733.14	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-19B	02/08/2016	762.80	1.45	761.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-19B	03/09/2016	762.80	3.89	758.91	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-20A	07/07/2011	758.61	28.75	729.86	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-20A	08/24/2011	758.61	31.60	727.01	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-20A	11/28/2011	758.61	27.56	731.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	12/01/2011	758.61	27.53	731.08	-	<1	<1	<1	<2	<5	1.01	<1	<1	<1	<5	<100	<160	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20A	12/06/2011	762.80	27.37	735.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	12/07/2011	758.61	27.23	731.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	12/08/2011	758.61	27.25	731.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	12/09/2011	758.61	27.07	731.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	12/13/2011	758.61	26.91	731.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	12/19/2011	758.61	26.65	731.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	12/28/2011	758.61	26.32	732.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	01/03/2012	758.61	26.30	732.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	01/09/2012	758.61	26.56	732.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	01/16/2012	758.61	27.00	731.61	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<172	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20A	01/24/2012	758.61	27.08	731.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	01/31/2012	758.61	27.43	731.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	02/08/2012	758.61	27.17	731.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-20A	02/15/2012	758.61	28.08	730.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	02/22/2012	758.61	28.17	730.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	02/27/2012	758.61	28.63	729.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	03/05/2012	758.61	28.94	729.67	39.34	<1	<1	<1	<2	<5	1.05	<1	<1	<1	<5	<100	<161	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-20A	04/06/2012	758.61	30.25	728.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	05/07/2012	758.61	32.61	726.00	39.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	05/08/2012	758.61	31.55	727.06	39.14	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	189	<1	<1	<1	<1	1 VH	<1	1 VC	<1	<1	1 VC	<1
MW-20A	06/05/2012	758.61	32.25	726.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	07/25/2012	758.61	33.23	725.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	08/20/2012	758.61	34.00	724.61	56.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	08/23/2012	758.61	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-20A	09/04/2012	758.61	34.39	724.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	10/25/2012	758.61	35.32	723.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	11/05/2012	758.61	33.29	725.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	11/09/2012	758.61	33.16	725.45	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<5.00	<100	<150	<1	<1	<1	<1	1 VH	<1	<1	<1	<1	<1	<1
MW-20A	12/12/2012	758.61	31.80	726.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	01/22/2013	758.61	30.95	727.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	02/11/2013	758.61	29.40	729.21	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
MW-20A	03/07/2013	758.61	28.62	729.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	04/18/2013	758.61	28.40	730.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	05/13/2013	758.61	29.04	729.57	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<5.00	<100	<158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20A	06/03/2013	758.61	29.75	728.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	07/26/2013	758.61	31.22	727.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	08/05/2013	758.61	31.46	727.15	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-20A	09/05/2013	758.61	31.79	726.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	10/08/2013	758.61	32.92	725.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	11/18/2013	758.61	33.08	725.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	11/19/2013	758.61	33.27	725.34	-	<1	<1	<1	<2	<5	1.01	<1	<1	<1	<5	<9.35	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2d
MW-20A	12/20/2013	758.61	32.93	725.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	02/24/2014	758.61	27.34	731.27	-	<1	<1	<1	<2	<5	1.32	<1	<1	<1	<5	<9.35	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20A	05/06/2014	758.61	23.44	735.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	05/08/2014	758.61	23.39	735.22	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<24.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20A	08/05/2014	758.61	29.16	729.45	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	26.3 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20A	11/03/2014	758.61	33.95	724.66	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	28.2 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20A	02/02/2015	758.61	35.03	723.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	02/03/2015	758.61	35.15	723.46	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.80	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-20A	05/18/2015	758.61	33.41	725.20	54.7	<0.1	<0.1	<0.1	<0.1	<0.4	1.20	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-20A	08/10/2015	758.61	34.06	724.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	08/11/2015	758.61	34.05	724.56	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.7	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-20A	11/02/2015	758.61	35.79	722.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	11/03/2015	758.61	35.85	722.76	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-20A	02/08/2016	758.61	32.48	726.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20A	02/12/2016	758.61	32.33	726.28	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.8	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-20B	07/07/2011	759.47	28.81	730.66	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
MW-20B	08/24/2011	759.47	32.25	727.22	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-20B	11/28/2011	759.47	28.43	731.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	12/01/2011	759.47	28.41	731.06	-	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	<155	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-20B	12/06/2011	762.80	28.22	734.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	12/07/2011	759.47	28.08	731.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	12/08/2011	759.47	28.11	731.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	12/09/2011	759.47	27.93	731.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	12/13/2011	759.47	27.78	731.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	12/19/2011	759.47	27.51	731.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	12/28/2011	759.47	27.18	732.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	01/03/2012	759.47	27.15	732.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	01/09/2012	759.47	27.41	732.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	01/16/2012	759.47	27.86	731.61	-	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	<165	<2	<2	<2	<2	<2	<2	2 C	<2	<2	<2	<2
MW-20B	01/24/2012	759.47	27.93	731.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	01/31/2012	759.47	28.30	731.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	02/08/2012	759.47	28.68	730.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	02/15/2012	759.47	28.95	730.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	02/22/2012	759.47	19.05	740.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	02/27/2012	759.47	29.50	729.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	03/05/2012	759.47	29.79	729.68	120.50	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<155	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-20B	04/06/2012	759.47	31.12	728.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	05/07/2012	759.47	32.42	727.05	120.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	05/08/2012	759.47	32.41	727.06	120.34	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	169	<1	<1	<1	<1	1 VH	<1	1 VC	<1	<1	1 VC	<1
MW-20B	06/05/2012	759.47	33.11	726.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	07/25/2012	759.47	34.10	725.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	08/20/2012	759.47	34.82	724.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	08/21/2012	759.47	34.86	724.61	122.08	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<164	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-20B	09/04/2012	759.47	35.25	724.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	10/25/2012	759.47	36.20	723.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	11/05/2012	759.47	34.14	725.33	120.11	<2.00	<2.00	<2.00	<4.00	<10.00	<2.00	<2.00	<2.00	<2.00	<10.0	<100	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-20B	12/12/2012	759.47	32.64	726.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	01/22/2013	759.47	31.82	727.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	02/11/2013	759.47	30.26	729.21	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
MW-20B	03/07/2013	759.47	29.95	729.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	04/18/2013	759.47	29.25	730.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	05/13/2013	759.47	29.96	729.51	125.70	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<5.00	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20B	06/03/2013	759.47	30.61	728.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	07/26/2013	759.47	32.07	727.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	08/05/2013	759.47	32.30	727.17	125.81	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	116 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-20B	09/05/2013	759.47	32.64	726.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	10/08/2013	759.47	33.78	725.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	11/18/2013	759.47	33.95	725.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	11/19/2013	759.47	34.11	725.36	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2d
MW-20B	12/20/2013	759.47	33.80	725.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	02/24/2014	759.47	28.23	731.24	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<28.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20B	05/06/2014	759.47	24.28	735.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-20B	05/07/2014	759.47	24.25	735.22	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20B	08/05/2014	759.47	30.01	729.46	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	53.3 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20B	11/03/2014	759.47	34.81	724.66	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	37.1 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-20B	02/02/2015	759.47	35.89	723.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	02/03/2015	759.47	36.01	723.46	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-20B	05/18/2015	759.47	34.27	725.20	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.4 J	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-20B	08/10/2015	759.47	34.89	724.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	08/11/2015	759.47	34.91	724.56	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-20B	11/02/2015	759.47	36.67	722.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	11/03/2015	759.47	36.71	722.76	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-20B	02/08/2016	759.47	33.34	726.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-20B	02/12/2016	759.47	33.18	726.29	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-21	11/28/2011	800.69	36.41	764.28	45.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	11/29/2011	800.69	NR	-	-	<1	<1	<1	<2	<5	6.02	<1	<1	<1	18	<100	<160	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-21	12/01/2011	800.69	36.28	764.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	12/02/2011	800.69	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	12/06/2011	800.69	36.72	763.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	12/07/2011	800.69	36.14	764.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	12/08/2011	800.69	34.81	765.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	12/09/2011	800.69	34.54	766.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	12/13/2011	800.69	35.67	765.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	12/19/2011	800.69	33.62	767.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	12/28/2011	800.69	33.51	767.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	01/03/2012	800.69	32.86	767.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	01/09/2012	800.69	33.56	767.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	01/16/2012	800.69	33.81	766.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	01/17/2012	800.69	33.71	766.98	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-21	01/24/2012	800.69	34.19	766.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	01/31/2012	800.69	34.86	765.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	02/08/2012	800.69	35.25	765.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	02/15/2012	800.69	35.52	765.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	02/22/2012	800.69	35.80	764.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	02/27/2012	800.69	37.21	763.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	03/05/2012	800.69	35.75	764.94	45.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	03/07/2012	800.69	36.27	764.42	45.17	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-21	04/06/2012	800.69	37.90	762.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	05/07/2012	800.69	45.22	755.47	38.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	05/08/2012	800.69	38.22	762.47	45.18	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	161	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-21	06/05/2012	800.69	37.46	763.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	07/25/2012	800.69	38.24	762.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	08/20/2012	800.69	38.68	762.01	45.22	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-21	09/04/2012	800.69	39.32	761.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	10/25/2012	800.69	39.98	760.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	11/05/2012	800.69	35.35	765.34	45.23	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	<154	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-21	12/12/2012	800.69	37.62	763.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-21	01/22/2013	800.69	36.83	763.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	02/11/2013	800.69	34.27	766.42	45.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	02/12/2013	800.69	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
MW-21	03/07/2013	800.69	35.21	765.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	04/18/2013	800.69	36.32	764.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	05/13/2013	800.69	36.75	763.94	45.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	05/14/2013	800.69	NR	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<100	<153	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-21	06/03/2013	800.69	37.80	762.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	07/26/2013	800.69	37.85	762.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	08/05/2013	800.69	38.05	762.64	45.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	08/06/2013	800.69	NR	-	-	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	66.1 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-21	09/05/2013	800.69	38.60	762.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	10/08/2013	800.69	39.28	761.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	11/18/2013	800.69	39.08	761.61	45.22	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	9.97 J	<27.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-21	12/20/2013	800.69	38.67	762.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	02/24/2014	800.69	34.36	766.33	45.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	02/25/2014	800.69	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-21	05/06/2014	800.69	32.86	767.83	45.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	05/07/2014	800.69	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	52.8 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-21	08/06/2014	800.69	38.40	762.29	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<23.4	<1	<1	<1	<1	<1 2e	<1	<1	<1	<1	<1	<1
MW-21	11/03/2014	800.69	41.66	759.03	45.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	11/04/2014	800.69	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	72.6 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-21	02/02/2015	800.69	41.01	759.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	02/04/2015	800.69	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-21	05/18/2015	800.69	36.08	764.61	45.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	05/19/2015	800.69	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-21	08/10/2015	800.69	36.39	764.30	45.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	08/11/2015	800.69	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-21	11/02/2015	800.69	36.90	763.79	45.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	11/03/2015	800.69	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-21	02/08/2016	800.69	34.77	765.92	45.22	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-22	11/28/2011	801.21	37.14	764.07	45.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	11/29/2011	801.21	NR	-	-	1.38	<1	<1	<2	1	1,430	<1	14.6	30.4	4,220	347	721	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-22	12/01/2011	801.21	36.86	764.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	12/06/2011	801.21	27.22	773.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	12/07/2011	801.21	36.97	764.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	12/08/2011	801.21	36.08	765.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	12/09/2011	801.21	35.53	765.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	12/13/2011	801.21	36.20	765.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	12/19/2011	801.21	34.47	766.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	12/28/2011	801.21	34.14	767.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	01/03/2012	801.21	34.03	767.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	01/09/2012	801.21	34.61	766.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	01/16/2012	801.21	34.94	766.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	01/17/2012	801.21	34.94	766.27	-	<1	<1	<1	<2	<5	961	<1	9.17	20.6	1,400	562	<150	<1	<1	<1	<1	<1	2.09	<1	<1	<1	1.56	<1

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-22	01/24/2012	801.21	35.27	765.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	01/31/2012	801.21	35.87	765.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	02/08/2012	801.21	36.25	764.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	02/15/2012	801.21	36.48	764.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	02/22/2012	801.21	36.74	764.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	02/27/2012	801.21	37.82	763.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	03/07/2012	801.21	37.15	764.06	45.04	<2	<2	<2	<4	<10	900	<2	9.02	22.5	452	434	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-22	04/06/2012	801.21	28.59	772.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	05/07/2012	801.21	45.42	755.79	39.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	05/08/2012	801.21	39.14	762.07	45.02	<2	<2	<2	<4	<10	242	<2	3.76	6.46	709	168	168	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-22	06/05/2012	801.21	38.42	762.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	07/25/2012	801.21	39.29	761.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	08/20/2012	801.21	39.75	761.46	45.05	<2	<2	<2	<4	<10	133	<2	<2	<2	205	<100	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-22	09/04/2012	801.21	40.17	761.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	10/25/2012	801.21	40.82	760.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	11/05/2012	801.21	36.25	764.96	45.05	<2	<2	<2	<4	<10	222	<2	3.54	5.48	759	<100	<153	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-22	12/12/2012	801.21	38.24	762.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	01/22/2013	801.21	37.71	763.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	02/11/2013	801.21	35.28	765.93	45.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	02/12/2013	801.21	NR	-	-	<2	<2	<2	<4	<10	184	<2	<2	<2	502	<100	<150	<2	<2	<2	<2	2 VH	<2	2 VC	<2	<2	<2	2 VH
MW-22	03/07/2013	801.21	36.23	764.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	04/18/2013	801.21	37.24	763.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	05/13/2013	801.21	37.64	763.05	45.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	05/14/2013	801.21	NR	-	-	<0.5	<0.5	<0.5	<1	<3	20.8	<0.5	<0.5	<0.5	12.7	<100	<153	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-22	06/03/2013	801.21	38.48	762.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	07/26/2013	801.21	38.68	762.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	08/05/2013	801.21	38.86	761.83	45.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	08/06/2013	801.21	NR	-	-	<2	<2	<2	<4	<10	28.2	<2	<2	<2	<10	39.0 J	42.5 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-22	09/05/2013	801.21	39.45	761.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	10/08/2013	801.21	40.32	760.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	11/18/2013	801.21	40.03	761.18	45.05	<2	<2	<2	<4	<10	29	<2	<2	<2	37	39.5 J	<27.1	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MW-22	12/20/2013	801.21	39.53	761.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	02/24/2014	801.21	35.10	766.11	45.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	02/25/2014	801.21	NR	-	-	<1	<1	<1	<2	<10	19.9	<1	<1	<1	7.55	45.9 J	28.8 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-22	05/06/2014	801.21	33.35	767.86	45.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	05/07/2014	801.21	NR	-	-	<1	<1	<1	2.55	2.55	33.8	3.69	<1	<1	507.00	79 J	204	<1	<1	<1	<1	<1	2.67	<1	<1	<1	<1	<1
MW-22	08/06/2014	801.21	39.00	762.21	-	<1	<1	<1	<2	<5	11.1	<1	<1	<1	15.6	<13	<23.2	<1	<1	<1	<1	<1 2e	<1	<1	<1	<1	<1	<1
MW-22	11/03/2014	801.21	42.32	758.89	45.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	11/04/2014	801.21	NR	-	-	4.83	<1	<1	<2	4.83	253	4.28	2.3	5.83	1,370	501	1,340	<1	<1	<1	<1	<1	10.5	1.24	<1	<1	4.7	<1
MW-22	02/02/2015	801.21	41.80	759.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	02/04/2015	801.21	NR	-	-	1.8	<0.1	<0.1	0.1 J	1.9	210	1.9	2.6	5.7	1,200	390	250	0.2 J	<0.1	0.4 J	<0.1	<0.2	4	0.2 J	<0.1	<0.1	2.4	0.3 J
MW-22	05/18/2015	801.21	36.92	764.29	45.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	05/19/2015	801.21	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-22	08/10/2015	801.21	37.24	763.97	45.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	08/11/2015	801.21	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.5 J	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-22	11/02/2015	801.21	37.72	763.49	45.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-22	11/03/2015	801.21	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-22	02/08/2016	801.21	35.57	765.64	45.03	<0.1	<0.1	<0.1	<0.1	<0.4	0.4 J	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-23	11/28/2011	798.70	22.05	776.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	11/29/2011	798.70	NR	-	-	1.32	<1	<1	3	4	517	3 V4	4.47	10.8	2,130	250 D1	343	<1	<1	<1	<1	<1	4.62	2.58	1.07	<1	2.75	<1
MW-23	12/01/2011	798.70	40.45	758.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	12/06/2011	798.70	40.60	758.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	12/07/2011	798.70	40.13	758.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	12/08/2011	798.70	39.15	759.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	12/09/2011	798.70	38.41	760.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	12/13/2011	798.70	39.71	758.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	12/19/2011	798.70	37.34	761.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	12/28/2011	798.70	37.09	761.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	01/03/2012	798.70	36.34	762.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	01/09/2012	798.70	37.02	761.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	01/16/2012	798.70	37.41	761.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	01/17/2012	798.70	37.41	761.29	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-23	01/24/2012	798.70	37.45	761.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	01/31/2012	798.70	37.99	760.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	02/08/2012	798.70	38.39	760.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	02/15/2012	798.70	38.61	760.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	02/22/2012	798.70	38.69	760.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	02/27/2012	798.70	40.45	758.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	03/05/2012	798.70	39.44	759.26	60.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	03/07/2012	798.70	39.80	758.90	60.45	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-23	04/06/2012	798.70	41.23	757.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	05/07/2012	798.70	41.41	757.29	63.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	05/09/2012	798.70	41.15	757.55	60.45	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<154	<1	<1	<1	<1	1 VH	<1	1 VC	<1	<1	<1	<1
MW-23	06/05/2012	798.70	40.68	758.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	07/25/2012	798.70	41.55	757.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	08/20/2012	798.70	42.11	756.59	60.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	08/21/2012	798.70	42.11	756.59	60.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	08/22/2012	798.70	42.11	756.59	60.48	<2	<2	6.02	11.56	18	2.3	43.6 VC	<2	<2	24.5	<100	<153	51	<2	<2	7.22	<2	<2	2.68	6.52	<2	<2	2 VH
MW-23	09/04/2012	798.70	42.85	755.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	10/25/2012	798.70	43.26	755.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	11/05/2012	798.70	40.15	758.55	60.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	11/06/2012	798.70	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	1 VC	<1	<1
MW-23	12/12/2012	798.70	41.09	757.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	01/22/2013	798.70	40.12	758.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	02/11/2013	798.70	38.14	760.56	60.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	02/12/2013	798.70	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
MW-23	03/07/2013	798.70	38.60	760.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	05/13/2013	798.70	39.71	758.99	60.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	05/14/2013	798.70	NR	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<100	<153	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-23	06/03/2013	798.70	40.65	758.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-23	07/26/2013	798.70	41.23	757.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	08/05/2013	798.70	41.25	757.45	60.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	08/06/2013	798.70	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	29.3 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 VC
MW-23	09/05/2013	798.70	41.72	756.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	10/08/2013	798.70	42.46	756.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	11/18/2013	798.70	42.35	756.35	60.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	11/21/2013	798.70	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-23	12/20/2013	798.70	41.92	756.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	02/24/2014	798.70	37.95	760.75	60.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	02/25/2014	798.70	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-23	05/06/2014	798.70	35.98	762.72	60.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	05/07/2014	798.70	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	41.1 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-23	08/07/2014	798.70	41.07	757.63	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<23.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-23	11/03/2014	798.70	43.82	754.88	60.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	11/04/2014	798.70	NR	-	-	<1	<1	<1	<2	<5	1.07	<1	<1	<1	11.8	<13	43.7 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-23	02/02/2015	798.70	43.56	755.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	02/04/2015	798.70	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-23	05/18/2015	798.70	40.00	758.70	60.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	05/19/2015	798.70	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-23	08/10/2015	798.70	40.48	758.22	60.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	08/11/2015	798.70	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-23	11/02/2015	798.70	40.92	757.78	60.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-23	11/05/2015	798.70	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-23	02/08/2016	798.70	38.32	760.38	-													-	-	-	-	-	-	-	-	-	-	-
MW-23	02/11/2016	798.70	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-24B	11/29/2011	801.25	NR	-	-	<1	<1	<1	<2	<5	3.83	<1	<1	<1	40.1	<100	199	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-24B	12/01/2011	801.25	>100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	12/06/2011	801.25	100.90	700.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	12/07/2011	801.25	99.72	701.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	12/08/2011	801.25	98.33	702.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	12/09/2011	801.25	96.99	704.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	12/13/2011	801.25	92.34	708.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	12/19/2011	801.25	85.64	715.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	12/28/2011	801.25	76.50	724.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	01/03/2012	801.25	71.46	729.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	01/09/2012	801.25	67.17	734.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	01/16/2012	801.25	62.97	738.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	01/19/2012	801.25	61.94	739.31	-	<1	<1	<1	<2	<5	10.8	<1	<1	<1	<5	<100	<156	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-24B	01/24/2012	801.25	93.50	707.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	01/31/2012	801.25	85.10	716.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	02/08/2012	801.25	76.76	724.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	02/15/2012	801.25	70.58	730.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	02/22/2012	801.25	65.72	735.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	02/27/2012	801.25	62.74	738.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	03/05/2012	801.25	59.28	741.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-24B	03/08/2012	801.25	57.93	743.32	121.83	<1	<1	<1	<2	<5	15.6	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
MW-24B	04/06/2012	801.25	67.71	733.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	05/07/2012	801.25	54.20	747.05	121.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	05/09/2012	801.25	53.69	747.56	121.80	<1	<1	<1	<2	<5	5.37	<1	<1	<1	<5	<100	160	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-24B	06/05/2012	801.25	72.88	728.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	07/25/2012	801.25	51.68	749.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	08/20/2012	801.25	48.75	752.50	121.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	08/21/2012	801.25	48.75	752.50	121.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	08/22/2012	801.25	48.75	752.50	121.86	<1	<1	<1	<2	<5	8.1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-24B	09/04/2012	801.25	86.35	714.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	10/25/2012	801.25	55.86	745.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	11/05/2012	801.25	51.33	749.92	121.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	11/08/2012	801.25	NR	-	-	<1	<1	<1	<2	<5	7.31	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-24B	12/12/2012	801.25	63.14	738.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	01/22/2013	801.25	48.75	752.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	02/11/2013	801.25	43.72	757.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	02/14/2013	801.25	NR	-	-	<1	<1	<1	<2	<5	6.45	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VC
MW-24B	03/07/2013	801.25	82.07	719.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	04/18/2013	801.25	52.39	748.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	05/13/2013	801.25	46.83	754.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	05/16/2013	801.25	NR	-	-	<0.5	<0.5	<0.5	<1	<3	4.31	<0.5	<0.5	<0.5	<2.5	<100	<152	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-24B	06/03/2013	801.25	90.64	710.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	07/26/2013	801.25	52.60	748.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	08/05/2013	801.25	50.20	751.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	08/08/2013	801.25	NR	-	-	<1	<1	<1	<2	<5	3.79	<1	<1	<1	<5	13 J	198	<1 VH	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-24B	09/05/2013	801.25	78.40	722.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	10/08/2013	801.25	56.81	744.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	11/18/2013	801.25	47.32	753.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	11/21/2013	801.25	NR	-	-	<1	<1	<1	<2	<5	3.02	<1	<1	<1	<5	19.2 J	277	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-24B	12/20/2013	801.25	65.57	735.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	01/23/2014	801.25	31.07	770.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	02/10/2014	801.25	32.85	768.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	02/24/2014	801.25	32.30	768.95	-	<1.00	<1.00	<1.00	<2.00	<5	1.1	<1.00	<1.00	<1.00	<5.00	13.8 J	227	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-24B	03/11/2014	801.25	93.00	708.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	03/21/2014	801.25	81.73	719.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	04/04/2014	801.25	68.23	733.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	04/21/2014	801.25	58.34	742.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	05/06/2014	801.25	51.00	750.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	05/08/2014	801.25	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	136 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-24B	05/22/2014	801.25	82.85	718.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	06/09/2014	801.25	67.82	733.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	06/23/2014	801.25	60.58	740.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	07/10/2014	801.25	54.38	746.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	08/07/2014	801.25	48.95	752.30	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	62.8 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-24B	11/03/2014	801.25	56.92	744.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-24B	11/05/2014	801.25	NR	-	-	<1	<1	<1	<2	<5	3.39	<1	<1	<1	<5	13.5 J	183	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-24B	02/02/2015	801.25	39.13	762.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	02/04/2015	801.25	NR	-	-	0.1 J	<0.1	<0.1	<0.1	0.1 J	1	<0.1	<0.1	<0.1	<4.0	<20	94 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-24B	05/18/2015	801.25	39.47	761.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	05/21/2015	801.25	NR	-	-	0.1 J	0.2 J	<0.1	<0.1	0.3 J	0.4 J	<0.1	<0.1	<0.1	<4.0	21 J	130	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-24B	08/10/2015	801.25	55.90	745.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	08/12/2015	801.25	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	3.5	<0.1	<0.1	<0.1	<4	<20	89 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-24B	11/02/2015	801.25	62.32	738.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	11/05/2015	801.25	NR	-	-	<0.1	0.1 J	<0.1	<0.1	0.1 J	1.9	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-24B	02/08/2016	801.25	47.71	753.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-24B	02/11/2016	801.25	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.8	<0.1	<0.1	<0.1	<4.0	<20	53 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-25B	11/28/2011	802.80	110.16	692.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	11/29/2011	802.80	NR	-	-	<1	<1	<1	<2	<5	14.4	<1	<1	<1	<5	<100	<181	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-25B	12/01/2011	802.80	>100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	12/06/2011	802.80	100.09	702.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	12/07/2011	802.80	97.27	705.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	12/08/2011	802.80	94.36	708.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	12/09/2011	802.80	91.23	711.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	12/13/2011	802.80	80.11	722.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	12/19/2011	802.80	64.95	737.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	12/28/2011	802.80	51.17	751.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	01/03/2012	802.80	46.12	756.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	01/09/2012	802.80	43.20	759.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	01/16/2012	802.80	41.35	761.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	01/19/2012	802.80	41.14	761.66	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<151	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-25B	01/24/2012	802.80	83.44	719.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	01/31/2012	802.80	64.60	738.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	02/08/2012	802.80	53.07	749.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	02/15/2012	802.80	47.55	755.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	02/22/2012	802.80	44.64	758.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	02/27/2012	802.80	43.32	759.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	03/05/2012	802.80	42.46	760.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	03/08/2012	802.80	42.22	760.58	121.80	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-25B	04/06/2012	802.80	48.10	754.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	05/07/2012	802.80	44.10	758.70	121.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	05/09/2012	802.80	44.10	758.70	121.70	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	167	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
MW-25B	06/05/2012	802.80	50.73	752.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	07/25/2012	802.80	44.18	758.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	08/20/2012	802.80	44.97	757.83	121.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	09/04/2012	802.80	44.82	757.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	10/25/2012	802.80	44.12	758.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	11/05/2012	802.80	39.92	762.88	121.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	11/06/2012	802.80	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	1 VC	<1	<1
MW-25B	12/12/2012	802.80	45.48	757.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	01/22/2013	802.80	41.68	761.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
MW-25B	02/11/2013	802.80	38.08	764.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	02/14/2013	802.80	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VC
MW-25B	03/07/2013	802.80	59.63	743.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	04/18/2013	802.80	40.74	762.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	05/13/2013	802.80	41.25	761.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	05/15/2013	802.80	NR	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<100	<150	-	-	<0.5	-	-	-	-	-	-	-	<0.5
MW-25B	06/03/2013	802.80	65.69	737.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	07/26/2013	802.80	42.60	760.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	08/05/2013	802.80	42.58	760.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	08/08/2013	802.80	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	158	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-25B	09/05/2013	802.80	54.72	748.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	10/08/2013	802.80	44.67	758.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	11/18/2013	802.80	43.02	759.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	11/21/2013	802.80	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	9.72 J	147 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
MW-25B	12/20/2013	802.80	55.40	747.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	02/24/2014	802.80	37.88	764.92	-	<1.00	<1.00	<1.00	<2.00	<5	<1.00	<1.00	<1.00	<1.00	<5.00	<9.35	81.2 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-25B	05/06/2014	802.80	36.00	766.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	05/08/2014	802.80	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	74.9 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-25B	08/07/2014	802.80	41.08	761.72	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	68.7 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-25B	11/03/2014	802.80	44.24	758.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	11/06/2014	802.80	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	55.1 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-25B	02/02/2015	802.80	43.46	759.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	02/04/2015	802.80	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	200	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-25B	05/18/2015	802.80	41.05	761.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	05/21/2015	802.80	NR	-	-	<0.1	0.1 J	<0.1	<0.1	0.1 J	<0.1	<0.1	<0.1	<0.1	<4.0	20 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-25B	08/10/2015	802.80	41.57	761.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	08/12/2015	802.80	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	230	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-25B	11/02/2015	802.80	42.42	760.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	11/05/2015	802.80	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-25B	02/08/2016	802.80	39.83	762.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-25B	02/11/2016	802.80	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4.0	<20	210	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-1	06/04/2010	800.93	39.53	761.40	-	<2	<2	<2	<2	<8	398	-	<2	6.96	339	341	<300	-	-	<2	-	-	-	-	-	-	-	-
RW-1	08/19/2010	800.93	41.70	759.23	-	<2	<2	<2	2.38	2	383	-	2.26	9.38	299	270	<150	-	-	<2	-	-	-	-	-	-	-	-
RW-1	11/23/2010	800.93	42.31	758.62	-	<1	<1	<1	<1	<4	357	-	<1	4.17	106	263	164	-	-	<1	-	-	-	-	-	-	-	-
RW-1	02/15/2011	800.93	45.25	755.68	-	<2	<2	<2	<2	<8	171	-	<2	4.22	123	<100	<150	-	-	<2	-	-	-	-	-	-	-	-
RW-1	04/20/2011	800.93	NR	-	-	<2	<2	<2	<4	<10	12.9	<2	<2	<2	<10	<100	-	<2	<2	<2	<2	2 V8	<2	<2	<2	<2	<2	<2
RW-1	04/25/2011	800.93	34.58	766.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	04/26/2011	800.93	NR	-	-	<2	<2	<2	<4	<10	81.3	<2	<2	<2	<10	<100	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-1	04/27/2011	800.93	NR	-	-	<2	<2	<2	<4	<10	325	<2	<2	<2	<10	187	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-1	04/28/2011	800.93	59.21	741.72	-	<2	<2	<2	<4	<10	284	<2	<2	4	61.4	213	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-1	05/02/2011	800.93	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	05/25/2011	800.93	35.97	764.96	-	<1	<1	<1	<1	<4	35.3	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
RW-1	08/24/2011	800.93	41.21	759.72	-	<1	<1	<1	<1	<4	27.8	-	<1	<1	6.35	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
RW-1	12/01/2011	800.93	57.90	743.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	12/02/2011	800.93	NR	-	-	7.32	22.2	2.32	12.90	44.7	38.0	<2.00	<2.00	<2.00	19.0	<100	<152	<2	<2	2 V4	<2	<2	<2	<2	<2	<2	<2	<2

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
RW-1	12/06/2011	800.93	33.52	767.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	12/07/2011	800.93	66.25	734.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	12/08/2011	800.93	61.40	739.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	12/09/2011	800.93	37.33	763.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	12/13/2011	800.93	35.60	765.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	12/19/2011	800.93	64.30	736.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	12/28/2011	800.93	63.35	737.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	01/03/2012	800.93	62.04	738.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	01/09/2012	800.93	62.35	738.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	01/16/2012	800.93	63.70	737.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	01/17/2012	800.93	NR	-	-	<2	<2	<2	<4	<10	179 12C	<2	<2	2.72	128	<100	-	<2	<2	<2	<2	<2	<2	<2 12C	<2	<2	<2	<2
RW-1	01/24/2012	800.93	61.75	739.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	01/31/2012	800.93	65.60	735.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	02/08/2012	800.93	63.68	737.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	02/15/2012	800.93	65.60	735.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	02/22/2012	800.93	62.90	738.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	02/27/2012	800.93	66.17	734.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	03/07/2012	800.93	NR	-	-	<1	<1	<1	<2	<5	279	<1	<1	2.46	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	03/27/2012	800.93	64.10	736.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	04/06/2012	800.93	66.20	734.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	04/16/2012	800.93	64.85	736.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	05/08/2012	800.93	NR	-	-	<2	<2	<2	<4	<10	109	<2	<2	<2	19.3	<100	<300	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-1	05/15/2012	800.93	64.85	736.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	06/05/2012	800.93	66.90	734.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	07/25/2012	800.93	68.40	732.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	08/20/2012	800.93	67.51	733.42	-	<1	<1	<1	<2	<5	81.9	<1	<1	1.25	6.86	<100	<153	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
RW-1	09/04/2012	800.93	42.13	758.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	10/25/2012	800.93	65.88	735.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	11/05/2012	800.93	63.02	737.91	-	<2	<2	<2	<4	<10	103	<2	<2	<2	<10	<100	<153	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-1	12/12/2012	800.93	72.25	728.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	01/22/2013	800.93	70.95	729.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	02/11/2013	800.93	73.90	727.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	02/12/2013	800.93	NR	-	-	<1	<1	<1	<2	<5	12.8 QB	1.11 VC	<1	<1	<5	<100	<152	<1	1 VC	<1	<1	1 QB VH	<1	<1	<1	<1	<1	1 VC
RW-1	03/07/2013	800.93	67.50	733.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	04/18/2013	800.93	70.70	730.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	05/13/2013	800.93	68.33	732.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	05/14/2013	800.93	NR	-	-	<0.5	<0.5	<0.5	<1	<3	14.7	<0.5	<0.5	<0.5	<2.5	<100	<152	-	-	<0.5	-	-	-	-	-	-	-	<0.5
RW-1	06/03/2013	800.93	64.80	736.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	07/26/2013	800.93	69.10	731.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	08/05/2013	800.93	69.22	731.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	08/06/2013	800.93	NR	-	-	<2	<2	<2	<4	<10	17	<2	<2	<2	<10	25.1 J	49.1 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-1	09/05/2013	800.93	67.70	733.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	10/08/2013	800.93	68.60	732.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	11/18/2013	800.93	66.68	734.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	11/20/2013	800.93	NR	-	-	<2	<2	<2	<4	<10	20.1	<2	<2	<2	<10	24.9 J	<27.1	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
RW-1	12/20/2013	800.93	65.60	735.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	01/23/2014	800.93	65.78	735.15	-	<0.5	<0.5	<0.5	<1	<2.5	7.48	<0.5	<0.5	<0.5	<2.5	23.8 J	<27.7	-	-	<0.5	-	-	-	-	-	-	-	<0.5
RW-1	02/10/2014	800.93	36.45	764.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	02/11/2014	800.93	NR	-	-	<0.5	<0.5	<0.5	<1	<2.5	1.75	<0.5	<0.5	<0.5	<2.5	11.4 J	<27.4	-	-	<0.5	-	-	-	-	-	-	-	<0.5
RW-1	02/24/2014	800.93	57.10	743.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	02/26/2014	800.93	NR	-	-	<2	<2	<2	<4	<10	42.3	<2	<2	<2	17.0	60.9 J	<27.4	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-1	03/11/2014	800.93	34.86	766.07	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	30.0 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	03/21/2014	800.93	65.80	735.13	-	<1	<1	<1	<2	<5	27.6	<1	<1	<1	<5	<13	<23.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	04/04/2014	800.93	32.85	768.08	-	<1	<1	<1	<2	<5	2.21	<1	<1	<1	<5	<13	<23.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	04/21/2014	800.93	61.85	739.08	-	<1	<1	<1	<2	<5	26.7	<1	<1	<1	<5	<23.7	45.5 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	05/06/2014	800.93	31.87	769.06	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	525	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	05/22/2014	800.93	56.60	744.33	-	<1	<1	<1	<2	<5	31.4	<1	<1	<1	<5	44.6 J	<23.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	06/09/2014	800.93	36.38	764.55	-	<1	<1	<1	<2	<5	8.58	<1	<1	<1	<5	<23.7	20.7 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	06/23/2014	800.93	56.62	744.31	-	<1	<1	<1	<2	<5	32.8	<1	<1	<1	<5	57.6 J	<23.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	07/10/2014	800.93	38.73	762.20	-	<1	<1	<1	<2	<5	18.9	<1	<1	<1	<5	26.9 J	57.8 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	08/06/2014	800.93	39.85	761.08	-	<1	<1	<1	<2	<5	15.4	<1	<1	<1	<5	<13	<23.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	11/03/2014	800.93	43.03	757.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	11/04/2014	800.93	NR	-	-	<1	<1	<1	<2	<5	17.8	<1	<1	<1	<5	19.8 J	119 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-1	02/02/2015	800.93	42.48	758.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	02/04/2015	800.93	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	31	<0.1	<0.1	0.3 J	29	41 J	91 J	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-1	05/18/2015	800.93	38.94	761.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	05/19/2015	800.93	NR	-	-	0.4 J	<0.2	<0.2	<0.2	0.4 J	130	<0.2	0.7 J	2.3	130	170	63 J	<0.2	<0.2	<0.2	<0.2	<0.4	0.3 J	<0.2	<0.2	<0.2	0.4 J	<0.2
RW-1	08/10/2015	800.93	39.58	761.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	08/11/2015	800.93	NR	-	-	0.3 J	<0.2	<0.2	<0.2	0.3 J	50	<0.2	0.2 J	0.7 J	42	90	<45	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	<0.2	<0.2	<0.2	0.5 J	<0.2
RW-1	11/02/2015	800.93	39.94	760.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-1	11/03/2015	800.93	NR	-	-	<0.2	<0.2	<0.2	<0.2	<0.8	52	<0.2	0.2 J	0.7 J	18 J	89	58 J	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	<0.2	<0.2	<0.2	0.3 J	<0.2
RW-1	02/08/2016	800.93	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	14	<0.1	<0.1	0.2 J	<4.0	29 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	0.2 J	<0.1
RW-2	06/07/2010	796.65	41.35	755.30	-	2.28	<1	<1	<1	2	9,240	-	39.2	241	2,420	1,070	<300	-	-	<1	-	-	-	-	-	-	-	-
RW-2	08/19/2010	796.65	43.90	752.75	-	3.92	<1	<1	1.44	5	14,500	-	54.6	511	5,860	1,270	228	-	-	<1	-	-	-	-	-	-	-	-
RW-2	11/23/2010	796.65	45.50	751.15	-	4.70	<2	<2	<2	5	11,100	-	58.8	220	4,270	1,080	383	-	-	<2	-	-	-	-	-	-	-	-
RW-2	02/15/2011	796.65	46.32	750.33	-	6.18	<2	<2	4.10	10	10,400	-	88.9	294	3,310	1,100	296	-	-	<2	-	-	-	-	-	-	-	-
RW-2	04/20/2011	796.65	NR	-	-	<2	<2	<2	<4	<10	5,910	<2	24.4	116	1,640	1,040	-	<2	<2	<2	<2	2 V8	<2	<2	<2	<2	<2	<2
RW-2	04/25/2011	796.65	40.97	755.68	-	<2	<2	<2	<4	<10	6,110	<2	23.9	112	544	1,070	<150	<2	<2	<2	<2	2 V4	<2	<2	<2	<2	<2	<2
RW-2	04/26/2011	796.65	NR	-	-	2.76	<2	<2	<4		10,200	<2	49.1	210	3,240	1,120	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-2	04/27/2011	796.65	NR	-	-	2.92	<2	<2	<4	3	9,210	<2	51.8	222	3,090	1,070	154	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-2	04/28/2011	796.65	90.20	706.45	-	<2	<2	<2	<4	<10	4,720	<2	30.1	133	1,320	1,120	171	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-2	05/02/2011	796.65	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	05/26/2011	796.65	40.02	756.63	-	<2	<2	<2	<2	<8	7,240	-	32.4	140	1,190	1,080	162	-	-	<2	-	-	-	-	-	-	-	-
RW-2	08/24/2011	796.65	43.31	753.34	-	<2	<2	<2	<2	<8	6,370	-	23.2	107	1,600	979	<150	-	-	<2	-	-	-	-	-	-	-	-
RW-2	11/28/2011	796.65	41.73	754.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	11/30/2011	796.65	41.73	754.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	12/01/2011	796.65	46.02	750.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	12/02/2011	796.65	NR	-	-	2.12	<2.00	<2.00	<4.00	2.12	5,030	<2.00	30.5	118	3,150	523	<152	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-2	12/06/2011	796.65	41.28	755.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	12/07/2011	796.65	49.11	747.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
RW-2	12/08/2011	796.65	57.70	738.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	12/09/2011	796.65	42.78	753.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	12/13/2011	796.65	40.95	755.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	12/19/2011	796.65	60.60	736.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	12/28/2011	796.65	43.20	753.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	01/03/2012	796.65	51.20	745.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	01/09/2012	796.65	51.65	745.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	01/16/2012	796.65	61.39	735.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	01/17/2012	796.65	NR	-	-	<2	<2	<2	<4	<10	2,670	<2	17.2	64.8	1,630	515	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2
RW-2	01/24/2012	796.65	50.21	746.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	01/31/2012	796.65	47.16	749.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	02/08/2012	796.65	63.18	733.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	02/15/2012	796.65	63.30	733.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	02/22/2012	796.65	60.85	735.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	02/27/2012	796.65	61.02	735.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	03/05/2012	796.65	62.75	733.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	03/07/2012	796.65	NR	-	-	<2	<2	<2	<4	<10	1,580	<2	11.2	37.8	614	474	<153	2 VH	<2	<2	<2	<2	<2	<2	<2	2 VH	2 VH	<2
RW-2	03/27/2012	796.65	68.70	727.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	04/06/2012	796.65	67.50	729.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	04/16/2012	796.65	70.25	726.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	05/08/2012	796.65	NR	-	-	<2	<2	<2	<4	<10	1,280	<2	9.48	26.6	428	322	<300	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-2	05/15/2012	796.65	69.60	727.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	06/05/2012	796.65	69.08	727.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	07/25/2012	796.65	74.18	722.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	08/20/2012	796.65	72.80	723.85	-	<2	<2	<2	<4	<10	626	<2	<2	24	271	<100	<153	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-2	09/04/2012	796.65	72.74	723.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	10/25/2012	796.65	71.20	725.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	11/05/2012	796.65	73.60	723.05	-	<2	<2	<2	<4	<10	1,350	<2	11.6	30.2	686	<100	<154	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-2	12/12/2012	796.65	75.30	721.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	01/22/2013	796.65	96.05	700.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	02/11/2013	796.65	76.00	720.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	02/12/2013	796.65	NR	-	-	<1	<1	<1	<2	<5	594 VH	<1	3.05	7.1 VC	53.6	<100	<152	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	1 VC
RW-2	03/07/2013	796.65	76.45	720.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	04/18/2013	796.65	77.20	719.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	05/13/2013	796.65	75.18	721.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	05/14/2013	796.65	NR	-	-	<0.5	<0.5	<0.5	<1	<3	219	<0.5	<0.5	4.43	45	246	<152	-	-	<0.5	-	-	-	-	-	-	-	<0.5
RW-2	06/03/2013	796.65	75.10	721.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	07/26/2013	796.65	75.12	721.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	08/05/2013	796.65	75.10	721.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	08/06/2013	796.65	NR	-	-	<2	<2	<2	<4	<10	229	<2	<2	4.42	48.7	229	71.8 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-2	09/05/2013	796.65	75.02	721.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	10/08/2013	796.65	75.08	721.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	11/18/2013	796.65	77.95	718.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	11/20/2013	796.65	NR	-	-	<2	<2	<2	<4	<10	117	<2	<2	<2.00 U	<10.0	90.3 J	<27.1	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-2	12/20/2013	796.65	78.20	718.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
RW-2	01/23/2014	796.65	78.18	718.47	-	<0.5	<0.5	<0.5	<1	<2.5	193	<0.5	1.79	3.88	35.6	302	<27.7	-	-	<0.5	-	-	-	-	-	-	-	<0.5
RW-2	02/10/2014	796.65	40.85	755.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	02/11/2014	796.65	NR	-	-	<0.5	<0.5	<0.5	<1	<2.5	205	<0.5	2.24	3.76	68.4	334	<27.4	-	-	<0.5	-	-	-	-	-	-	-	<0.5
RW-2	02/24/2014	796.65	74.73	721.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	02/26/2014	796.65	NR	-	-	<2	<2	<2	<4	<10	142	<2	<2	2.10	<10.0	185	<27.4	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-2	03/11/2014	796.65	39.43	757.22	-	<1	<1	<1	<2	<5	96.1	<1	1.03	<1	<5	154	<23.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-2	03/21/2014	796.65	77.90	718.75	-	<1	<1	<1	<2	<5	77.9	<1	<1	1.35	<5	<13	<23.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-2	04/04/2014	796.65	38.72	757.93	-	1.65	<5	<5	<10	1.65	86.1	<5	<5	<5	101	35.1	91.2	<5	<5	<5	<5	<5	<5	<5 2e	<5	<5	<5	<5
RW-2	04/21/2014	796.65	64.33	732.32	-	<1	<1	<1	<2	<5	51.7	<1	<1	<1	<5	<23.4	81.0 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-2	05/06/2014	796.65	37.60	759.05	-	<1	<1	<1	<2	<5	38.9	<1	<1	<1	<5	<13	174	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-2	05/22/2014	796.65	65.65	731.00	-	<1	<1	<1	<2	<5	29	<1	<1	<1	<5	40.7 J	<23.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-2	06/09/2014	796.65	38.68	757.97	-	<1	<1	<1	<2	<5	14	<1	<1	<1	<5	47.1 J	27.2 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-2	06/23/2014	796.65	77.70	718.95	-	<1	<1	<1	<2	<5	32.2	<1	<1	<1	<5	59.6 J	<23.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-2	07/10/2014	796.65	40.82	755.83	-	<1	<1	<1	<2	<5	9.41	<1	<1	<1	<5	<13	28.4 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-2	08/06/2014	796.65	41.87	754.78	-	<1	<1	<1	<2	<5	14	<1	<1	<1	<5	<13	<23.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-2	11/03/2014	796.65	44.77	751.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	11/04/2014	796.65	NR	-	-	<1	<1	<1	<2	<5	119	<1	1.3	2.75	101	120	56.5 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-2	02/02/2015	796.65	45.01	751.64	-	<0.1	<0.1	<0.1	<0.1	<0.4	65	<0.1	1	1.6	54	72	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	02/05/2015	796.65	78.88	717.77		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	03/02/2015	796.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	130	<0.1	1.3	2.9	29	140	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	04/08/2015	796.65	77.65	719.00	-	<0.1	<0.1	<0.1	<0.1	<0.4	43	<0.1	0.6	1	4.8 J	47 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	04/20/2015	796.65	77.78	718.87		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	05/01/2015	796.65	76.40	720.25	-	<0.1	<0.1	<0.1	<0.1	<0.4	32	<0.1	0.4 J	0.6	<4.0	29 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	05/18/2015	796.65	76.80	719.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	05/19/2015	796.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	17	<0.1	0.3 J	0.3 J	<4.0	22 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	05/20/2015	796.65	76.80	719.85		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	06/04/2015	796.65	NR	712.74	-	<0.1	<0.1	<0.1	<0.1	<0.4	29	<0.1	0.3 J	0.5 J	<4.0	34 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	06/23/2015	796.65	76.65	720.00																								
RW-2	07/10/2015	796.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	22	<0.1	0.2 J	0.2 J	<4	21 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	07/24/2015	796.65	77.60	719.05																								
RW-2	08/03/2015	796.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	23	<0.1	0.3 J	0.4 J	<4	32 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	08/10/2015	796.65	76.17	720.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	09/01/2015	796.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	3.7	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	09/17/2015	796.65	78.45	718.20		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	10/06/2015	796.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	18	<0.1	0.2 J	0.2 J	<4	25 J	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	10/19/2015	796.65	78.38	718.27		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	11/02/2015	796.65	76.65	720.00		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	11/03/2015	796.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	14	<0.1	0.2 J	0.2 J	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	12/08/2015	796.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	14	<0.1	0.2 J	0.2 J	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	12/18/2015	796.65	78.28	718.37		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	01/04/2016	797.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	9.9	<0.1	0.2 J	0.1 J	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	01/19/2016	797.65	78.20	719.45		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-2	02/08/2016	796.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	6.7	<0.1	0.1 J	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	03/04/2016	797.65	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	9.3	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-2	03/18/2016	797.65	39.70	757.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
RW-3	06/07/2010	796.77	40.88	755.89	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<300	-	-	<1	-	-	-	-	-	-	-	-
RW-3	08/20/2010	796.77	43.68	753.09	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
RW-3	11/22/2010	796.77	45.00	751.77	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
RW-3	02/17/2011	796.77	45.82	750.95	-	<1	<1	<1	<1	<4	1.17	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
RW-3	04/25/2011	796.77	40.66	756.11	-	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	-	<2	<2	<2	<2	2 V4	<2	<2	<2	<2	<2	<2
RW-3	04/27/2011	796.77	NR	-	-	<2	<2	<2	<4	<10	<2	<2	<2	<2	<10	<100	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-3	04/28/2011	796.77	71.91	724.86	-	<2	<2	<2	<4	<10	3.64	<2	<2	<2	<10	<100	<150	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
RW-3	05/02/2011	796.77	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	05/25/2011	796.77	39.10	757.67	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
RW-3	08/23/2011	796.77	43.08	753.69	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<5	<100	<150	-	-	<1	-	-	-	-	-	-	-	-
RW-3	11/28/2011	796.77	39.83	756.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	11/30/2011	796.77	39.70	757.07	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<161	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-3	12/01/2011	796.77	40.02	756.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	12/06/2011	796.77	40.26	756.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	12/07/2011	796.77	40.05	756.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	12/08/2011	796.77	38.72	758.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	12/09/2011	796.77	38.38	758.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	12/13/2011	796.77	39.42	757.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	12/19/2011	796.77	37.68	759.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	12/28/2011	796.77	36.72	760.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	01/03/2012	796.77	36.53	760.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	01/09/2012	796.77	51.65	745.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	01/16/2012	796.77	37.53	759.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	01/19/2012	796.77	37.27	759.50	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<152	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-3	01/24/2012	796.77	37.39	759.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	01/31/2012	796.77	37.75	759.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	02/08/2012	796.77	38.30	758.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	02/15/2012	796.77	38.60	758.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	02/22/2012	796.77	38.66	758.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	02/27/2012	796.77	40.13	756.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	03/05/2012	796.77	39.53	757.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	03/09/2012	796.77	39.75	757.02	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<303	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-3	04/06/2012	796.77	41.10	755.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	05/07/2012	796.77	41.57	755.20	119.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	05/10/2012	796.77	41.27	755.50	119.70	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	1 VC	<1	<1	<1	<1
RW-3	06/05/2012	796.77	40.29	756.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	07/25/2012	796.77	41.77	755.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	08/20/2012	796.77	42.45	754.32	119.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	08/23/2012	796.77	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VH
RW-3	09/04/2012	796.77	43.30	753.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	10/25/2012	796.77	43.75	753.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	11/05/2012	796.77	40.60	756.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	11/08/2012	796.77	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<153	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-3	12/12/2012	796.77	41.23	755.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	01/22/2013	796.77	40.61	756.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
RW-3	02/11/2013	796.77	38.75	758.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	02/14/2013	796.77	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	348	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1 VC
RW-3	03/07/2013	796.77	38.85	757.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	04/18/2013	796.77	39.66	757.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	05/13/2013	796.77	39.82	756.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	05/16/2013	796.77	NR	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<0.5	<2.5	<100	<152	-	-	<0.5	-	-	-	-	-	-	-	<0.5
RW-3	06/03/2013	796.77	40.61	756.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	07/26/2013	796.77	41.41	755.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	08/05/2013	796.77	41.32	755.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	08/07/2013	796.77	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<100	<150	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-3	09/05/2013	796.77	41.73	755.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	10/08/2013	796.77	42.82	753.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	11/18/2013	796.77	42.82	753.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	11/22/2013	796.77	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	138 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1 2e
RW-3	12/20/2013	796.77	42.19	754.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	02/24/2014	796.77	38.00	758.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	02/25/2014	796.77	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-3	08/05/2014	796.77	40.95	755.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	11/03/2014	796.77	44.25	752.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	11/06/2014	796.77	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	57.4 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
RW-3	02/02/2015	796.77	43.99	752.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	05/18/2015	796.77	40.67	756.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	05/19/2015	796.77	NR	-		<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.1	<0.1	<0.1	<4.0	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-3	08/10/2015	796.77	41.20	755.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	11/02/2015	796.77	42.18	754.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-3	11/03/2015	796.77	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.1	<0.1	<0.1	<4	<20	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-3	02/08/2016	796.77	39.23	757.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	02/02/2015	796.77	49.31	747.46	-	<2.0	<2.0	<2.0	<2.0	<8.0	1,300	<2.0	6.8 J	28	280	1,200	48 J	<2	<2	<2	<2	<4	<2	<2	<2	<2	<2	<2
RW-4	02/05/2015	796.77	68.94	727.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	03/02/2015	796.77	NR	-	-	<1.0	<1.0	<1.0	<1.0	<4.0	1,700	<1.0	7.4	37	430	1,500	67 J	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
RW-4	04/08/2015	796.77	69.80	726.97	-	<1.0	<1.0	<1.0	<1.0	<4.0	1,300	<1.0	6.6	28	180	1,200	<45	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
RW-4	04/20/2015	796.77	67.48	729.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	05/01/2015	796.77	78.30	718.47	-	<1.0	<1.0	<1.0	<1.0	<4.0	1,300	<1.0	4.9 J	26	230	880	<45	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
RW-4	05/18/2015	796.77	78.10	718.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	05/19/2015	796.77	NR	-	-	<1.0	<1.0	<1.0	<1.0	<4.0	1,000	<0.1	4.7 J	21	94 J	820	<45	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
RW-4	05/20/2015	796.77	78.10	718.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	06/04/2015	796.77	NR	735.67	-	<1.0	<1.0	<1.0	<1.0	<4.0	840	<1.0	4.0 J	17	68 J	370	53 J	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
RW-4	06/23/2015	796.77	75.95	720.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	07/10/2015	796.77	NR	-	-	<1	<1	<1	<1	<4	310	<1	1.4 J	5.1	56 J	360	72 J	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
RW-4	07/24/2015	796.77	78.08	718.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	08/03/2015	796.77	NR	-	-	<2	<2	<2	<2	<8	480	<2	2.6 J	10	<80	580	<45	<2	<2	<2	<2	<4	<2	<2	<2	<2	<2	<2
RW-4	08/10/2015	796.77	77.70	719.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	09/01/2015	796.77	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	250	<0.1	1.8	6.3	8.6 J	260	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-4	09/17/2015	796.77	77.72	719.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	10/06/2015	796.77	NR	-	-	<0.5	<0.5	<0.5	<0.5	<2	360	<0.5	1.8 J	7.3	23 J	400	<45	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
RW-4	10/19/2015	796.77	77.72	719.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	11/02/2015	796.77	77.75	719.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	11/03/2015	796.77	NR	-	-	<0.5	<0.5	<0.5	<0.5	<2	270	<0.5	1.4 J	5.1	<20	290	<45	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RW-4	12/08/2015	796.77	NR	-	-	<0.5	<0.5	<0.5	<0.5	<2	220	<0.5	1.2 J	3.9	<20	260	<45	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RW-4	12/18/2015	796.77	76.70	720.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	01/04/2016	796.77	NR	-	-	<0.5	<0.5	<0.5	<0.5	<2	180	<0.5	1.1 J	3.4	<20	190	<45	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RW-4	01/19/2016	796.77	76.80	719.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RW-4	02/08/2016	796.77	76.84	719.93	-	<0.1	<0.1	<0.1	<0.1	<0.4	120	<0.1	0.9	2.7	7.1 J	150	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-4	03/04/2016	796.77	NR	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	120	<0.1	0.6	2.5	12	140	<45	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
RW-4	03/18/2016	796.77	76.84	719.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	12/01/2011	NR	DRY	-	14.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	12/07/2011	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	12/08/2011	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	12/09/2011	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	12/13/2011	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	12/19/2011	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	01/03/2012	NR	DRY	-	14.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	01/09/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	01/24/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	01/31/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	02/08/2012	NR	DRY	-	14.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	02/15/2012	NR	DRY	-	14.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	02/22/2012	NR	DRY	-	14.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	02/27/2012	NR	DRY	-	14.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	03/09/2012	NR	DRY	-	14.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	04/06/2012	NR	DRY	-	14.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	05/07/2012	NR	DRY	-	15.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	08/10/2015	NR	DRY	-	14.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	11/02/2015	NR	DRY	-	14.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1	02/08/2016	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	12/01/2011	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	12/07/2011	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	12/08/2011	NR	DRY	-	14.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	12/09/2011	NR	DRY	-	14.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	12/13/2011	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	12/19/2011	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	01/03/2012	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	01/09/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	01/24/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	01/31/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	02/08/2012	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	02/15/2012	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	02/22/2012	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	02/27/2012	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	03/09/2012	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Bottom (Measured Depth) (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	1,2,4-Trimethylbenzene (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichloroethane (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Chloromethane (ug/L)	Isopropylbenzene (ug/L)	n-Butylbenzene (ug/L)	n-Propylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	sec-Butylbenzene (ug/L)	Tetrachloroethene (ug/L)
GW Clean-up Standards*						**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.65**	**NA**	**NA**	**NA**	**47**	**47**	**NA**	**0.05**	**5**	**NA**	**19**	**66**	**NA**	**NA**	**NA**	**NA**	**5**
TF-2	04/06/2012	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	05/07/2012	NR	DRY	-	14.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	08/10/2015	NR	DRY	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	11/02/2015	NR	DRY	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	02/08/2016	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	12/06/2011	NR	DRY	-	14.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	03/09/2012	NR	DRY	-	14.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	05/07/2012	NR	DRY	-	14.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	08/10/2015	NR	DRY	-	14.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	11/02/2015	NR	DRY	-	14.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	02/08/2016	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	12/06/2011	NR	DRY	-	14.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	03/09/2012	NR	DRY	-	14.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	05/07/2012	NR	DRY	-	14.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	08/10/2015	NR	DRY	-	14.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	11/02/2015	NR	DRY	-	14.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	02/08/2016	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	05/07/2013	NR	390.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	05/09/2013	NR	345.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	05/13/2013	NR	247.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	05/14/2013	NR	224.80	-	-	8.54	<0.5	<0.5	4.72	13.3	2,450	1.23	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
1608R	05/16/2013	NR	181.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	05/17/2013	NR	163.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	05/20/2013	NR	155.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	05/23/2013	NR	303.48	-	-	<0.5	<0.5	<0.5	<1	<3	2,280	<0.5	15.9	80.5	1,390	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
1608R	06/03/2013	NR	80.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	06/19/2013	NR	55.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	08/08/2013	NR	55.86	-	140	<2	<2	<2	<4	<10	4,690	<2	37.7	176	1,240	1,370	93.9 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1608R	08/07/2014	NR	54.58	-	-	<1	<1	<1	<2	<5	1,880	<1	8.92	31.5	485	31.5 J	<23.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1608R	11/03/2014	NR	56.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	11/06/2014	NR	NR	-	-	<1	<1	<1	<2	<5	2,010	<1	11.6	55	586	666	30.4 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1608R	02/02/2015	NR	57.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	02/04/2015	NR	NR	-	-	<1.0	<1.0	<1.0	<1.0	<4.0	1,500	<1.0	5.3	30	650	1,300	71 J	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
1608R	03/19/2015	NR	57.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	04/08/2015	NR	57.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	05/18/2015	NR	56.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1608R	05/19/2015	NR	NR	-	-	0.6	<0.1	<0.1	0.2 J	0.80	1,600	<0.1	8.5	38	660	1,500	<45	<0.1	<0.1	0.2 J	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1608R	08/11/2015	NR	NR	-	-	<5	<5	<5	<5	<25	1,200	<5	<5	20 J	530	1,300	<45	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
1608R	11/03/2015	NR	NR	-	-	<5	<5	<5	<5	<20	1,300	<5	5.3 J	25	660	1,400	55 J	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
1608R	01/13/2016	NR	57.95	-	-	<5.0	<5.0	<5.0	<5.0	<20	2,500	<5.0	8.7 J	46	1,000	3,000	-	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1608R	01/19/2016	NR	NR	-	-	<2.0	<2.0	<2.0	<2.0	<8.0	1,800	<2.0	7.5 J	36	470	1,800	<45	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1608R	02/08/2016	NR	61.86	-	-	<2.0	<2.0	<2.0	<2.0	<8.0	1,100	<2.0	4.7 J	21	260	1,200	<45	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

Notes: In December 2014, 1608 Rayville Road was converted to recovery well RW-4.
* GW Cleanup 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.

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Table 1 Notes continued...

<# = result less than the method detection limit
µg/L = Micrograms per liter
BTEX = Benzene, toluene, ethylbenzene, xylenes
DRY = No water for sampling
MTBE = Methyl Tertiary Butyl Ether
TPH-DRO = Total-petroleum hydrocarbons-diesel range organics
TPH-GRO = Total-petroleum hydrocarbons-gasoline range organics
NR = Not Reported
NA = Not Available or Not Analyzed for that specific compound
J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value.
D1 = The Relevant Percent Difference (RPD) result exceeded the Quality Control (QC) control limits for the duplicate sample analyzed.
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.
QB = The spike recovery was outside acceptance limits for the MS and/or MSD due to sample matrix interference. The batch was accepted based on acceptable CCV range.
11B = The spike recovery was outside acceptance limits for the MS and/or MSD due to sample matric interferences. The batch was accepted based on acceptable CCV recovery.
2a = The RPD result exceeded the QC control limits for the duplicate, Lab Control Sample Duplicate (LCSD) or MSD sample analyzed.
2e = CCV was outside the QC range. Data accepted based on additional batch QC.
2d = The Lab Control Sample (LCS) spike recovery was outside acceptance limits.
12G = LCS value was outside the QC range. Data ccepted based on acceptable check standard.
12C = Check standard was outside the QC range. Data accepted based on acceptable LCS.
AA = Due to the diluation factor required by the concentration of the target analyte, the surrogate is not recoverable.
QK = This result was above the calibration range; therefore it is an estimated value.
QL = This sample was analyzed at a dilution due to the matrix. Reporting limits were adjusted accordingly.
V4 = Check standard was outside the QC range. Data accepted based on acceptable LCS.
VC = Check standard was outside the QC range. Data accepted based in the LCS.
VH = LCS value was outside the QC range. Data accepted based on acceptable check.

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1500-RAY-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
1506-RAY-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
1510-RAY-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
1523-RAY-INF	11/4/05	<0.5	<0.5	<0.5	<0.5	<2.0	0.6	<10	<0.5	<0.5	<0.5
1529-RAY-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	11/3/05	<100	<100	<100	<100	<400	2,670	<2,000	<100	-	<100
1606-RAY-INF	11/14/05	<100	<100	<100	<100	<400	2,250	<2,000	<100	-	<100
1606-RAY-INF	3/13/06	<0.5	<0.7	<0.8	<0.8	<2.8	160	-	-	-	-
1606-RAY-INF	4/20/06	<50	<50	<50	<50	<400	2,860	<1,000	57	-	<50
1606-RAY-INF	5/12/06	6.4 J	<2	<2	6.2 J	12.6	3,800	740	95	<2	15
1606-RAY-INF	6/14/06	7.8 J	<5	<5	6.3 J	14.1	3,200	740 J	77	<5	13 J
1606-RAY-INF	7/18/06	13	0.1 J	<0.1	122.3	135.4	3,700	1,300	98	<0.1	20
1606-RAY-INF	8/10/06	17	0.1 J	<0.1	162.9	180	5,600	1,200 J	150	0.2 J	22
1606-RAY-INF	9/14/06	14	0.1 J	<0.1	152.6	166.7	5,100	1,000	140 J	0.2 J	25
1606-RAY-INF	10/19/06	16	0.2 J	<0.1	162.1	178.3	5,900	1,500	160	0.2 J	22
1606-RAY-INF	11/27/06	13	<0.5	<0.5	14	27	6,000	1,600	160	<0.5	<0.5
1606-RAY-INF	12/21/06	9	<0.5	<0.5	10	19	4,900	1,400	120 J	<0.5	21
1606-RAY-INF	1/18/07	<0.5	<0.5	<0.5	<1.0	<2.5	390	58 J	9.3	<0.5	2 J
1606-RAY-INF	2/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	570	56	16	<0.1	7.9
1606-RAY-INF	3/21/07	<1	<1	<1	<2.0	<5.0	1,800	89 J	34	<1	9.9
1606-RAY-INF	4/23/07	<5	<5	<5	<10	<25	2,200	<250	41	<5	10 J
1606-RAY-INF	5/24/07	<2.5	<2.5	<2.5	<5	<12.5	3,100	<130	48	<2.5	10 J
1606-RAY-INF	6/19/07	<0.3	<0.3	<0.3	<0.5	<1.4	5,100	130	120	<0.3	21
1606-RAY-INF	7/18/07	1.2 J	5.3	<0.3	0.8 J	7.3	6,300	440	120 J	<0.3	24
1606-RAY-INF	8/7/07	2.4	<0.3	<0.3	2.5	4.9	5,800	650	140 J	<0.3	23
1606-RAY-INF	9/10/07	2.9	<0.5	<0.5	2.7	5.6	6,700	1,100	150 J	<0.5	26
1606-RAY-INF	10/10/07	4.3	<0.5	<0.5	3.5	7.8	7,400	1,300	160 J	<0.5	31
1606-RAY-INF	11/5/07	4.0	<0.5	<0.5	3.1	7.1	10,000	1,200	150	<0.5	31
1606-RAY-INF	12/5/07	5.4	<0.5	<0.5	4.3	9.7	7,900	1,500	180 J	<0.5	34
1606-RAY-INF	1/17/08	6.4	<0.5	<0.5	6.1	12.5	7,600	1,000	240 J	<0.5	30
1606-RAY-INF	2/20/08	6.8	<0.5	<0.5	5.8	12.6	9,900	1,800	190 J	<0.5	34
1606-RAY-INF	3/20/08	5.6	<0.5	<0.5	4.2	9.8	8,100	1,700	220	<0.5	37
1606-RAY-INF	4/22/08	<0.1	<0.1	<0.1	<0.1	<0.4	680	15 J	19	<0.1	3.8
1606-RAY-INF	5/13/08	<0.1	<0.1	<0.1	<0.1	<0.4	110	<5	1.5	<0.1	0.8
1606-RAY-INF	6/19/08	<0.1	<0.1	<0.1	<0.2	<0.5	100	<5	0.6	<0.1	1.7
1606-RAY-INF	7/22/08	<2	<2	<2	<4	<10	5,900	210 J	110	<2	17
1606-RAY-INF	8/13/08	<0.5	<0.5	<0.5	<1.0	<2.5	7,200	430	130 J	<0.5	21
1606-RAY-INF	9/24/08	<5	<5	<5	<10	<25	8,500	1,100 J	170	<5	29
1606-RAY-INF	10/16/08	<5	<5	<5	<10	<25	9,500	1,300	190	<5	30
1606-RAY-INF	11/18/08	<5	<5	<5	<10	<25	9,800	1,600	190	<5	34
1606-RAY-INF	12/16/08	<5	<5	<5	<10	<25	11,000	1,500	210	<5	34
1606-RAY-INF	1/16/09	<5	<5	<5	<10	<25	5,000	320 J	97	<5	18 J
1606-RAY-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	3,370	76.3	56.3	<0.500	12.3
1606-RAY-INF	3/11/09	<0.500	<0.500	<0.500	<0.500	<2.000	3,570	82.8	39.7	<0.500	15.3
1606-RAY-INF	4/24/09	<0.500	<0.500	<0.500	<0.500	<2.000	9,180	124	80.2	<0.500	18.8
1606-RAY-INF	5/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	11,700	196	70.9	<0.500	17.1
1606-RAY-INF	5/29/09	<0.500	<0.500	<0.500	<0.500	<2.000	2,080	71.6	19.5	<0.500	7.41
1606-RAY-INF	6/15/09	<1.00	<1.00	<1.00	<1.00	<4.00	1,280	42.3	15.7	<1.00	10.3
1606-RAY-INF	7/14/09	16.8	<0.5	<0.5	10.1	26.9	9,790	1,960	252	<0.5	51.4
1606-RAY-INF	8/17/09	<0.500	<0.500	<0.500	<0.500	<2.000	5,610	878	95.8	<0.500	30.9
1606-RAY-INF	9/21/09	0.620	<0.500	<0.500	<0.500	0.620	8,440	1,320	170	<0.500	32.1
1606-RAY-INF	10/23/09	0.8	<0.500	<0.500	<0.500	0.8	10,900	1,240	212	<0.500	32.6
1606-RAY-INF	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	656	5.92	8.56	<0.500	2.16

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-INF	12/17/09	<0.500	<0.500	<0.500	<0.500	<2.000	26.3	<2.50	<0.500	<0.500	0.61
1606-RAY-INF	1/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	86	<2.50	<0.500	<0.500	2.45
1606-RAY-INF	2/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	3,490	17.1	45.9	<0.500	8.97
1606-RAY-INF	3/18/10	<0.500	<0.500	<0.500	<0.500	<2.000	398	<2.50	3.99	<0.500	2.46
1606-RAY-INF	4/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	4,900	<2.50	62.5	<0.500	13.2
1606-RAY-INF	5/17/10	<0.500	<0.500	<0.500	<0.500	<2.000	4,490	2,060	50.1	<0.500	15.4
1606-RAY-INF	6/14/10	<0.500	<0.500	<0.500	<0.500	<2.000	4,960	351	64	<0.500	15.7
1606-RAY-INF	7/21/10	1.08	59.9	<0.500	0.600	61.580	5,260	349	56.3	<0.500	15.8
1606-RAY-INF	8/18/10	<0.500	3.52	<0.500	<0.500	3.52	8,990	592	79.8	<0.500	19.2
1606-RAY-INF	9/24/10	<0.500	0.600	<0.500	<0.500	0.6	5,290	1,300	72.2	<0.500	21.1
1606-RAY-INF	10/15/10	<0.500	0.780	<0.500	<0.500	0.78	4,840	712	89.3	<0.500	19.7
1606-RAY-INF	11/12/10	0.830	1.37	<0.500	0.550	2.200	8,030	2,620	286	<0.500	26.8
1606-RAY-INF	12/15/10	1.39	0.740	<0.500	0.67	2.800	14,800	1,630	158	<0.500	22.7
1606-RAY-INF	1/20/11	<0.500	<0.500	<0.500	<0.500	<2.000	8,510	1,180	132	<0.500	26.7
1606-RAY-INF	2/14/11	<0.500	<0.500	<0.500	0.760	0.760	10,300	2,510	232	<0.500	<0.500
1606-RAY-INF	3/18/11	<0.500	<0.500	<0.500	<0.500	<2.000	306	<2.50	7.40	<0.500	1.13
1606-RAY-INF	4/19/11	<0.500	<0.500	<0.500	<0.500	<2.000	32.7	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	11.3	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	6/24/11	<0.50	<0.50	<0.50	<0.50	<2.00	918	24.6	12.8	<0.50	4.48
1606-RAY-INF	7/19/11	<0.50	<0.50	<0.50	<0.50	<2.00	1,170	68.7	28.1	<0.50	5.99
1606-RAY-INF	8/23/11	<0.50	<0.50	<0.50	<0.50	<2.00	1,830	98.2	33.8	<0.5	6.79
1606-RAY-INF	9/29/11	<0.50	<0.50	<0.50	<0.50	<2.00	165	7.75	2.13	<0.50	<0.50
1606-RAY-INF	10/20/11	<0.50	<0.50	<0.50	<0.50	<2.00	1,150	13.9	17.5	<0.50	4.10
1606-RAY-INF	11/21/11	<0.50	<0.50	<0.50	<0.50	<2.00	986	15.5	19.8	<0.50	4.12
1606-RAY-INF	12/19/11	<0.50	<0.50	<0.50	<0.50	<2.00	8.3	<2.50	<0.50	<0.50	<0.50
1606-RAY-INF	1/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	5.89	<2.50	<0.50	<0.50	0.54
1606-RAY-INF	2/23/12	<0.50	<0.50	<0.50	<0.50	<2.00	3.15	<2.50	<0.50	<0.50	<0.50
1606-RAY-INF	3/23/12	<0.50	<0.50	<0.50	<0.50	<2.00	6.27	<2.50	<0.50	<0.50	<0.50
1606-RAY-INF	4/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	5.43	<2.50	<0.50	<0.50	<0.50
1606-RAY-INF	5/17/12	<0.50	<0.50	<0.50	<0.50	<2.00	61.7	<2.50	<0.50	<0.50	1.27
1606-RAY-INF	6/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	203	5.14	1.71	<0.50	<0.50
1606-RAY-INF	7/25/12	<0.50	<0.50	<0.50	<0.50	<2.00	414	23	4.86	<0.5	3.02
1606-RAY-INF	8/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	364	28.8	7.95	<0.500	3.21
1606-RAY-INF	9/24/12	<0.500	<0.500	<0.500	<0.500	<2.000	350 QK	29.9	6.91	<0.500	1.85
1606-RAY-INF	10/24/12	<0.500	<0.500	<0.500	<0.500	<2.000	496	39.4	14.4	<0.500	<0.500
1606-RAY-INF	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	10.1	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	12/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	7.17	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	1/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	13.8	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	2/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	6.20	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	3/26/13	<0.500	<0.500	<0.500	<0.500	<2.000	1.58	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	4/23/13	<0.500	<0.500	<0.500	<0.500	<2.000	0.630	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	4.48	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	6/27/13	<0.500	<0.500	<0.500	<0.500	<2.000	35.7	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	7/25/13	<0.500	<0.500	<0.500	<0.500	<2.000	28.3	<2.50	<0.500	<0.500	0.940
1606-RAY-INF	8/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	32.1	<2.50	<0.500	<0.500	0.720
1606-RAY-INF	9/20/13	<0.500	<0.500	<0.500	<0.500	<2.000	30.8	<2.50	<0.500	<0.500	0.630
1606-RAY-INF	10/23/13	<0.500	<0.500	<0.500	<1.00	<2.50	15.6	<2.50	<0.500	<0.500	0.560
1606-RAY-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.50	7.76	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	12/6/13	<0.500	<0.500	<0.500	<1.00	<2.50	16.9	<2.50	<0.500	<0.500	0.57
1606-RAY-INF	1/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	1.5	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	2/27/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	3/11/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	4/21/14	<0.500	<0.500	<0.500	<1.00	<2.500	0.76	<2.50	<0.500	<0.500	<0.500

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-INF	5/8/14	<0.500	<0.500	<0.500	<1.00	<2.500	0.86	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	6/9/14	<0.500	<0.500	<0.500	<1.00	<2.500	16	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	7/10/14	<0.500	<0.500	<0.500	<1.00	<2.500	7.34	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	8/27/14	<0.500	<0.500	<0.500	<1.00	<2.500	9.82	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	9/18/14	<0.500	<0.500	<0.500	<1.00	<2.500	12.2	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	10/31/14	<0.500	<0.500	<0.500	<1.00	<2.500	18.2	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	12/18/14	<0.500	<0.500	<0.500	<1.00	<2.500	26.7	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	1/14/15	<0.500	<0.500	<0.500	<1.00	<2.500	26.6	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	2/16/15	<0.1	<0.1	<0.1	<0.1	<0.4	32	<2.5	0.3 J	<0.1	0.5
1606-RAY-INF	3/19/15	<0.1	<0.1	<0.1	<0.1	<0.4	16	<2.5	0.1 J	<0.1	0.4 J
1606-RAY-INF	4/8/15	<0.1	<0.1	<0.1	<0.1	<0.4	11	<2.5	<0.1	<0.1	0.2 J
1606-RAY-INF	5/20/15	<0.1	<0.1	<0.1	<0.1	<0.4	6.3	<2.5	<0.1	<0.1	0.2 J
1606-RAY-INF	6/23/15	<0.1	<0.1	<0.1	<0.1	<0.4	11	<2.5	<0.1	<0.1	0.3 J
1606-RAY-INF	8/11/15	<0.1	<0.1	<0.1	<0.1	<0.4	15	3.3 J	0.2 J	<0.1	0.3 J
1606-RAY-INF	11/3/15	<0.1	<0.1	<0.1	<0.1	<0.4	6.2	3.8 J	<0.1	<0.1	0.2 J
1606-RAY-INF	2/10/16	<0.1	<0.1	<0.1	<0.1	<0.4	5.1	<2.5	<0.1	<0.1	<0.1
1608-RAY-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	851	18	22	-	4.4
1608-RAY-INF	11/14/05	<25	<25	<25	<25	<100	900	<500	<25	-	<25
1608-RAY-INF	3/13/06	3 J	<0.7	<0.8	2 J	5	1,400	-	-	-	-
1608-RAY-INF	4/20/06	<25	<25	<25	<25	<100	1,500	<500	35	-	<25
1608-RAY-INF	5/12/06	<1	<1	<1	<2	<5.0	1,600	120 J	44	<1	6.2
1608-RAY-INF	6/14/06	2.6 J	<2.5	<2.5	<5	2.6	1,400	200 J	38	<2.5	6 J
1608-RAY-INF	7/18/06	5	<0.1	<0.1	4.2	9.2	1,500	340	47	<0.1	8.7
1608-RAY-INF	8/10/06	7.4	<0.1	<0.1	7.2	14.6	2,300	370	65	<0.1	9.2
1608-RAY-INF	9/14/06	6.1	<0.1	<0.1	6.3	12.4	2,100	390	63	<0.1	10
1608-RAY-INF	10/19/06	8.8	<0.1	<0.1	8.6	17.4	2,500	390	67	<0.1	12
1608-RAY-INF	11/27/06	8.9	<0.5	<0.5	8.9	17.8	2,300	540	69	<0.5	10
1608-RAY-INF	12/21/06	4.7	<0.3	<0.3	5	9.7	2,300	520	64 J	<0.3	11
1608-RAY-INF	1/18/07	10	<0.5	<0.5	9.4	19.4	2,800	640	79	<0.5	12
1608-RAY-INF	2/27/07	13	<0.5	<0.5	9.7	22.7	3,300	930	110	<0.5	19
1608-RAY-INF	3/21/07	10 J	<2.5	<2.5	6.4 J	16.4	4,800	1,000	95	<2.5	16
1608-RAY-INF	4/23/07	11 J	<5	<5	6.9 J	17.9	3,700	1,300	97	<5	16 J
1608-RAY-INF	5/24/07	9.5 J	<5	<5	5.3 J	14.8	4,300	1,100 J	91	<5	16 J
1608-RAY-INF	6/19/07	12	<0.3	<0.3	9.3	21.3	5,200	1,000	130	<0.3	22
1608-RAY-INF	7/18/07	12	<0.3	<0.3	8.3	20.3	6,600	1,100	150 J	<0.3	22
1608-RAY-INF	8/7/07	9.9	<0.3	<0.3	8.6	18.5	4,600	940	130 J	<0.3	19
1608-RAY-INF	9/10/07	14	<0.5	<0.5	10	24	4,800	1,300	120 J	<0.5	24
1608-RAY-INF	10/10/07	11	<0.5	<0.5	7.5	18.5	5,200	1,100	130 J	<0.5	24
1608-RAY-INF	11/5/07	9.9	<0.5	<0.5	6.9	16.8	5,100	900	120	<0.5	23
1608-RAY-INF	12/5/07	12	<0.5	<0.5	7.8	19.8	5,300	1,400	110 J	<0.5	27
1608-RAY-INF	1/17/08	8.3	<0.5	<0.5	6.9	15.2	6,600	740	230 J	<0.5	20
1608-RAY-INF	2/20/08	9.4	<0.5	<0.5	6.6	16	6,100	1,200	130 J	<0.5	22
1608-RAY-INF	3/20/08	11	<0.5	<0.5	6.6	17.6	5,200	1,200	120	<0.5	26
1608-RAY-INF	4/22/08	14	<0.5	<0.5	10	24	6,000	1,400	140 J	<0.5	29
1608-RAY-INF	5/13/08	17 J	<5	<5	11 J	28	6,900	1,200 J	200	<0.5	26
1608-RAY-INF	6/19/08	11 J	<10	<10	<20	11	6,900	1,700 J	150	<10	23 J
1608-RAY-INF	7/22/08	14 J	<5	<5	7.0 J	21	7,600	1,500	200	<5	33
1608-RAY-INF	8/13/08	12	<0.5	<0.5	9.3	21.3	7,500	1,400	170 J	<0.5	27
1608-RAY-INF	9/24/08	14 J	<5	<5	8.7 J	22.7	8,000	1,700	200	<5	34
1608-RAY-INF	10/16/08	15 J	<5	<5	11 J	26	9,100	1,600	220	<5	33
1608-RAY-INF	11/18/08	13 J	<5	<5	6.6 J	19.6	8,500	1,700	200	<5	37
1608-RAY-INF	12/16/08	13 J	<5.0	<5.0	7.2 J	20.2	9,500	1,600	220	<5.0	37
1608-RAY-INF	1/16/09	17 J	<5	<5	9.2 J	26.2	9,700	2,000	230	<5	40

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-INF	2/9/09	18.9	<0.500	<0.500	13.0	31.90	11,600	2,160	268	<0.500	44.9
1608-RAY-INF	3/11/09	20.1	<0.500	<0.500	11.1	31.20	11,800	2,490	220	<0.500	53.8
1608-RAY-INF	4/24/09	16.3	<0.500	<0.500	10.9	27.20	21,200	3,390	418	<0.500	44.4
1608-RAY-INF	5/18/09	22.1	<0.500	<0.500	14.2	36.30	25,200	11,900	1,130	<0.500	61.2
1608-RAY-INF	6/15/09	27.0	<1.00	<1.00	17.9	44.9	10,700	3,100	260	<1.00	66.9
1608-RAY-INF	7/14/09	1.69	<0.500	<0.500	1.28	2.97	6,540	857	126	<0.500	28.0
1608-RAY-INF	8/17/09	1.03	<0.500	<0.500	1.97	3.00	6,050	1,070	119	<0.500	39.9
1608-RAY-INF	9/21/09	11.0	<0.500	<0.500	6.99	17.99	8,330	2,460	253	<0.500	42.4
1608-RAY-INF	10/23/09	9.33	<0.500	<0.500	6.22	15.55	11,800	1,490	299	<0.500	40.6
1608-RAY-INF	11/23/09	16.8	<0.500	<0.500	11.2	28.00	13,700	1,450	338	<0.500	38.5
1608-RAY-INF	12/17/09	13.5	<0.500	<0.500	8.61	22.11	11,700	3,790	326	<0.500	45.2
1608-RAY-INF	1/19/10	15.3	<0.500	<0.500	8.76	24.06	9,050	2,070	241	<0.500	40.1
1608-RAY-INF	2/16/10	9.73	<0.500	<0.500	6.14	15.87	10,300	1,880	268	<0.500	29.4
1608-RAY-INF	3/18/10	12	<0.500	<0.500	7.75	19.75	10,700	1,960	228	<0.500	39.2
1608-RAY-INF	4/19/10	12.9	<0.500	<0.500	7.92	20.82	8,270	1,720	210	<0.500	41.4
1608-RAY-INF	5/17/10	6.21	<0.500	<0.500	3.27	9.48	8,700	3,900	102	<0.500	29.1
1608-RAY-INF	6/14/10	8.08	<0.500	<0.500	5.07	13.15	10,000	923	145	<0.500	33.4
1608-RAY-INF	7/21/10	7.63	<0.500	<0.500	4.29	11.92	7,510	976	104	<0.500	27.2
1608-RAY-INF	8/18/10	7.72	<0.500	<0.500	3.91	11.63	8,640	1,680	130	<0.500	30.2
1608-RAY-INF	9/24/10	7.90	<0.500	<0.500	4.37	12.27	7,980	2,690	149	<0.500	35.6
1608-RAY-INF	10/15/10	7.39	<0.500	<0.500	4.04	11.43	6,680	962	149	<0.500	31.4
1608-RAY-INF	11/12/10	7.62	<0.500	<0.500	4.32	11.94	10,500	3,650	399	<0.500	36.9
1608-RAY-INF	12/15/10	7.95	<0.500	<0.500	3.52	11.47	18,400	2,330	222	<0.500	32.3
1608-RAY-INF	1/20/11	8.70	<0.500	<0.500	6.62	15.32	10,100	2,010	199	<0.500	37.6
1608-RAY-INF	2/14/11	6.13	<0.500	<0.500	2.21	8.34	14,800	3,960	347	<0.500	30.0
1608-RAY-INF	3/18/11	6.53	<0.500	<0.500	3.74	10.27	10,400	485	188	<0.500	19.3
1608-RAY-INF	4/19/11	6.07	<0.500	<0.500	3.26	9.33	21,300	1,700	283	<0.500	43.1
1608-RAY-INF	5/23/11	4.41	<0.500	<0.500	2.27	6.68	1,310 L1	488	149 L1	<0.500	<0.500
1608-RAY-INF	6/24/11	4.41	<0.50	<0.50	2.36	6.77	6,580	1,790	179	<0.50	30.7
1608-RAY-INF	7/19/11	1.83	<0.50	<0.50	1.46	3.29	6,680	1,550	132	<0.50	26.9
1608-RAY-INF	8/23/11	2.27	<0.50	<0.50	0.96	3.23	6,010	2,570	276	<0.50	23.1
1608-RAY-INF	9/29/11	4.00	<0.5	<0.5	2.02	6.02	6,170	3,110	130	<0.5	25.7
1608-RAY-INF	10/20/11	2.93	<0.50	<0.50	1.05	3.98	9,320	1,780	190	<0.50	27.2
1608-RAY-INF	11/21/11	4.40	<0.50	<0.50	2.51	6.91	6,390	1,570	178	<0.50	29.7
1608-RAY-INF	12/19/11	4.83	<0.50	<0.50	2.54	7.37	5,180	1,460	87	<0.50	27.9
1608-RAY-INF	1/26/12	2.23	<0.50	<0.50	1.09	3.32	6,060	1,170	82	<0.50	33.4
1608-RAY-INF	2/23/12	2.05	<0.50	<0.50	1.35	3.4	5,380	1,480	248	<0.50	23.6
1608-RAY-INF	3/23/12	2.09	<0.50	<0.50	0.84	2.93	815	852	64	<0.50	21.1
1608-RAY-INF	4/26/12	3.38	<0.50	<0.50	1.47	4.85	5,840	1,460	93.8	<0.50	20.2
1608-RAY-INF	5/17/12	2.36	<0.50	<0.50	0.82	3.18	3,320	507	76.1	<0.50	15.9
1608-RAY-INF	6/26/12	2.37	<0.50	<0.50	1.48	3.85	2,020	1,170	96.1	<0.50	15.0
1608-RAY-INF	7/25/12	4.33	<0.50	<0.50	1.86	6.19	7,890	3,280	120.0	<0.50	27.6
1608-RAY-INF	8/28/12	3.38	<0.500	<0.500	2.08	5.46	4,750	1,310	79.9	<0.500	19.2
1608-RAY-INF	9/24/12	2.20	<0.500	<0.500	1.32	3.52	1,590 QK	661 QK	50.6	<0.500	9.79
1608-RAY-INF	10/24/12	2.73	<0.500	<0.500	1.59	4.32	4,120	1,210	129	<0.500	<0.500
1608-RAY-INF	11/20/12	3.35	<0.500	<0.500	1.50	4.85	4,680	1,470	116	<0.500	26.9
1608-RAY-INF	12/20/12	3.95	<0.500	<0.500	<0.500	3.95	2,940 QK	1,190 QK	84.8	<0.500	16.2
1608-RAY-INF	1/22/13	2.92	<0.500	<0.500	2.02	4.94	4,770	1,410	132	<0.500	21.6
1608-RAY-INF	2/13/13	3.73	<0.500	<0.500	1.94	5.67	2,900 QK	2,080 QK	133 QK	<0.500	30.1
1608-RAY-INF	3/26/13	5.27	<0.500	<0.500	3.37	8.64	3,770 QK	1,760 QK	135 QK	<0.500	30.3
1608-RAY-INF	4/23/13	3.09	<0.500	<0.500	1.83	4.92	4,630	2,360	94.3	<0.500	21.4
1608-RAY-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	2,860 QK	1,270 QK	71.6	<0.500	22.3
1608-RAY-INF	6/27/13	2.59	<0.500	<0.500	1.06	3.65	2,980	801	97	<0.500	20.8

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-INF	7/25/13	2.14	<0.500	<0.500	0.760	2.90	5,420	1,520	77.5	<0.500	21.6
1608-RAY-INF	8/22/13	1.64	<0.500	<0.500	0.660	2.30	7,260	1,030	68.6	<0.500	14.9
1608-RAY-INF	9/20/13	1.74	<0.500	<0.500	0.620	2.36	7,100	1,580	66.4	<0.500	15.2
1608-RAY-INF	10/23/13	2.11	<0.500	<0.500	1.050	3.16	2,950	688	68.3	<0.500	14.3
1608-RAY-INF	11/13/13	1.75	<0.500	<0.500	<1.00	1.75	2,730	660	58.2	<0.500	11.7
1608-RAY-INF	7/25/14	1.93	<0.500	<0.500	<1.00	1.93	2,340	504	48.1	<0.500	10.4
1608-RAY-INF	8/27/14	3.23	<0.500	<0.500	1.730	4.960	2,950	991	65.1	<0.500	<0.500
1608-RAY-INF	9/3/14	0.96	<0.500	<0.500	<1.00	0.960	1,780	268	30.7	<0.500	<0.500
1608-RAY-INF	9/4/14	1.73	<0.500	<0.500	<1.00	1.730	1,590	433	30.3	<0.500	<0.500
1608-RAY-INF	9/18/14	<0.500	<0.500	<0.500	<1.00	<2.5	1,680	97.3	42.5	<0.500	9.2
1608-RAY-INF	10/31/14	0.70	<0.500	<0.500	<1.00	0.700	1,760	149.0	26.5	<0.500	6.63
1608-RAY-INF	11/25/14	<0.500	<0.500	<0.500	<1.00	<2.5	1,270	185.0	26.3	<0.500	6.62
1608-RAY-INF	12/17/14	<0.500	<0.500	<0.500	<1.00	<2.5	706	94.4	18.6	<0.500	5.14
1612-RAY-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	3.8	<10	<0.5	-	<0.5
1612-RAY-INF	3/30/06	<0.1	<0.1	<0.1	<0.2	<0.5	3.7	<5	<0.1	<0.1	<0.1
1612-RAY-INF	5/12/06	<0.1	<0.1	<0.1	<0.2	<0.5	4.4	<5	<0.1	<0.1	<0.1
1612-RAY-INF	6/14/06	<0.1	<0.1	<0.1	<0.2	<0.5	3.8	<5	<0.1	<0.1	<0.1
1612-RAY-INF	7/18/06	0.2 J	<0.1	<0.1	<0.2	0.2	4.7	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	8/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	6.2	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	9/14/06	<0.1	<0.1	<0.1	<0.2	<0.5	5.9	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	10/19/06	<0.1	<0.1	<0.1	<0.2	<0.5	5.9	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	11/27/06	<0.1	<0.1	<0.1	<0.2	<0.5	5.7	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	12/21/06	<0.1	<0.1	<0.1	<0.2	<0.5	5.6	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	1/18/07	<0.1	<0.1	<0.1	<0.2	<0.5	7.5	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	2/27/07	0.1 J	<0.1	<0.1	<0.2	0.1	7.4	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	3/21/07	<0.1	<0.1	<0.1	<0.2	<0.5	8.1	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	4/23/07	<0.1	<0.1	<0.1	<0.2	<0.5	11	<5	0.3 J	<0.1	0.1 J
1612-RAY-INF	5/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	9.4	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	6/19/07	<0.1	<0.1	<0.1	<0.2	<0.5	9.3	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	7/18/07	<0.1	<0.1	<0.1	<0.2	<0.5	10	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	8/7/07	<0.1	<0.1	<0.1	<0.2	<0.5	8.8	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	9/10/07	<0.1	<0.1	<0.1	<0.2	<0.5	11	<5	0.3 J	<0.1	0.1 J
1612-RAY-INF	10/10/07	<0.1	<0.1	<0.1	<0.2	<0.5	13	<5	0.3 J	<0.1	0.1 J
1612-RAY-INF	11/5/07	<0.1	<0.1	<0.1	<0.2	<0.5	13	<5	0.4 J	<0.1	0.1 J
1612-RAY-INF	12/5/07	<0.1	<0.1	<0.1	<0.2	<0.5	16	<5	0.4	<0.1	0.2
1612-RAY-INF	1/17/08	<0.1	<0.1	<0.1	<0.1	<0.4	13	<5	0.5 J	<0.1	0.2 J
1612-RAY-INF	2/20/08	0.1 J	<0.1	<0.1	<0.2	0.1	16	6.2 J	0.5 J	<0.1	0.2 J
1612-RAY-INF	3/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	15	<5	0.4 J	<0.1	0.2 J
1612-RAY-INF	4/22/08	<0.1	<0.1	<0.1	<0.1	<0.4	16	9.5 J	0.5	<0.1	0.2 J
1612-RAY-INF	5/13/08	0.4 J	<0.1	<0.1	0.1 J	0.4	26	7.7 J	1.1	<0.1	0.3 J
1612-RAY-INF	6/19/08	0.1 J	<0.1	<0.1	<0.2	0.1	13	<5	0.4 J	<0.1	0.2 J
1612-RAY-INF	7/22/08	<0.1	<0.1	<0.1	<0.2	<0.5	15	<5	0.4 J	<0.1	0.2 J
1612-RAY-INF	8/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	13	<5.0	0.3 J	<0.1	0.1 J
1612-RAY-INF	9/24/08	<0.1	<0.1	<0.1	<0.2	<0.5	19	<5	0.6	<0.1	0.2 J
1612-RAY-INF	10/16/08	<0.1	<0.1	<0.1	<0.2	<0.5	19	<5	0.7	<0.1	0.2 J
1612-RAY-INF	11/18/08	<0.1	<0.1	<0.1	<0.2	<0.5	21	<5	0.6	<0.1	0.3 J
1612-RAY-INF	12/16/08	<0.1	<0.1	<0.1	<0.2	<0.5	21	<5	0.7	<0.1	0.3 J
1612-RAY-INF	1/16/09	0.2 J	<0.1	<0.1	<0.2	0.2	24	5.8 J	0.8	<0.1	0.3 J
1612-RAY-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	21.2	<2.50	0.81	<0.500	<0.500
1612-RAY-INF	3/11/09	<0.500	<0.500	<0.500	<0.500	<2.000	23.7	7.33	0.64	<0.500	<0.500
1612-RAY-INF	4/24/09	<0.500	<0.500	<0.500	<0.500	<2.000	26.2	7.05	0.900	<0.500	<0.500
1612-RAY-INF	5/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	50.2	26.6	2.25	<0.500	<0.500
1612-RAY-INF	6/15/09	<1.00	<1.00	<1.00	<1.00	<4.00	32.6	<5.00	1.14	<1.00	<1.00

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-INF	7/14/09	<0.500	<0.500	<0.500	<0.500	<2.000	21.7	9.26	0.740	<0.500	<0.500
1612-RAY-INF	8/17/09	<0.500 AE	<0.500 AE	<0.500 AE	<0.500 AE	<2.000	17.4 AE	<2.50 AE	<0.500 AE	<0.500 AE	<0.500 AE
1612-RAY-INF	9/21/09	<0.500	<0.500	<0.500	<0.500	<2.000	25.9	4.14	0.960	<0.500	<0.500
1612-RAY-INF	10/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	21.9	5.08	0.94	<0.500	<0.500
1612-RAY-INF	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	25	9.09	1.04	<0.500	<0.500
1612-RAY-INF	12/17/09	<0.500	<0.500	<0.500	<0.500	<2.000	23.2	6.05	0.82	<0.500	<0.500
1612-RAY-INF	1/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	12.2	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	2/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	13.2	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	3/18/10	<0.500	<0.500	<0.500	<0.500	<2.000	19.8	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	4/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	11.0	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	5/17/10	<0.500	<0.500	<0.500	<0.500	<2.000	13.8	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	6/14/10	<0.500	<0.500	<0.500	<0.500	<2.000	18.7	<2.50	0.610	<0.500	<0.500
1612-RAY-INF	7/21/10	<0.500	<0.500	<0.500	<0.500	<2.000	22.2	<2.50	0.790	<0.500	<0.500
1612-RAY-INF	8/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	27.9	7.80	0.920	<0.500	<0.500
1612-RAY-INF	9/24/10	<0.500	<0.500	<0.500	<0.500	<2.000	27.7	<2.50	0.890	<0.500	<0.500
1612-RAY-INF	10/15/10	<0.500	<0.500	<0.500	<0.500	<2.000	29.0	7.00	0.940	<0.500	<0.500
1612-RAY-INF	11/12/10	<0.500	<0.500	<0.500	<0.500	<2.000	36.4	9.42	1.17	<0.500	0.530
1612-RAY-INF	12/15/10	<0.500	<0.500	<0.500	<0.500	<2.000	38.2	4.48	1.06	<0.500	<0.500
1612-RAY-INF	1/20/11	<0.500	<0.500	<0.500	<0.500	<2.000	28.0	<2.50	0.960	<0.500	<0.500
1612-RAY-INF	2/14/11	<0.500	<0.500	<0.500	<0.500	<2.000	24.4	<2.50	0.930	<0.500	<0.500
1612-RAY-INF	3/18/11	<0.500	<0.500	<0.500	<0.500	<2.000	26.6	<2.50	1.42	<0.500	<0.500
1612-RAY-INF	4/19/11	0.620	<0.500	<0.500	<0.500	0.62	67.2	8.68	2.32	<0.500	<0.500
1612-RAY-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	30.6	<2.50	0.93	<0.500	<0.500
1612-RAY-INF	6/24/11	<0.50	<0.50	<0.50	<0.50	<2.00	25.2	<2.50	0.76	<0.50	<0.50
1612-RAY-INF	7/19/11	<0.50	<0.50	<0.50	<0.50	<2.00	40.2	<2.50	1.25	<0.50	<0.50
1612-RAY-INF	8/23/11	<0.50	<0.50	<0.50	<0.50	<2.00	20.3	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	9/29/11	<0.50	<0.50	<0.50	<0.50	<2.00	11.6	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	10/20/11	<0.50	<0.50	<0.50	<0.50	<2.00	15.0	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	11/21/11	<0.50	<0.50	<0.50	<0.50	<2.00	26.4	<2.50	0.85	<0.50	<0.50
1612-RAY-INF	12/19/11	<0.50	<0.50	<0.50	<0.50	<2.00	17	4.11	<0.50	<0.50	<0.50
1612-RAY-INF	1/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	17.6	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	2/23/12	<0.50	<0.50	<0.50	<0.50	<2.00	18.4	5.32	0.6	<0.50	<0.50
1612-RAY-INF	3/23/12	<0.50	<0.50	<0.50	<0.50	<2.00	15.7	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	4/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	18.1	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	5/17/12	<0.50	<0.50	<0.50	<0.50	<2.00	15.2	4.47	<0.50	<0.50	<0.50
1612-RAY-INF	6/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	19.0	4.73	<0.50	<0.50	<0.50
1612-RAY-INF	7/25/12	<0.50	<0.50	<0.50	<0.50	<2.00	28.7	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	8/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	15.4	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	9/24/12	<0.500	<0.500	<0.500	<0.500	<2.000	7.65	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	10/24/12	<0.500	<0.500	<0.500	<0.500	<2.000	18.8	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	20.1	<2.50	0.620	<0.500	<0.500
1612-RAY-INF	12/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	12.6	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	1/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	18.1	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	2/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	22.9	4.36	<0.500	<0.500	<0.500
1612-RAY-INF	3/26/13	<0.500	<0.500	<0.500	<0.500	<2.000	12.9	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	4/23/13	<0.500	<0.500	<0.500	<0.500	<2.000	8.25	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	7.43	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	6/27/13	<0.500	<0.500	<0.500	<0.500	<2.000	9.48	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	7/25/13	<0.500	<0.500	<0.500	<0.500	<2.000	10.4	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	8/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	9.77	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	9/20/13	<0.500	<0.500	<0.500	<0.500	<2.000	8.86	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	10/23/13	<0.500	<0.500	<0.500	<1.00	<2.50	7.96	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.50	6.24	<2.50	<0.500	<0.500	<0.500

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-INF	12/6/13	<0.500	<0.500	<0.500	<1.00	<2.50	5.27	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	2/27/14	<0.500	<0.500	<0.500	<1.00	<2.50	12.9	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	7/25/14	<0.500	<0.500	<0.500	<1.00	<2.50	2.48	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	8/27/14	<0.500	<0.500	<0.500	<1.00	<2.50	1.79	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	9/18/14	<0.500	<0.500	<0.500	<1.00	<2.50	1.72	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	10/31/14	<0.500	<0.500	<0.500	<1.00	<2.50	2.06	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	12/18/14	<0.500	<0.500	<0.500	<1.00	<2.500	1.83	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	1/29/15	<0.1	<0.1	<0.1	<0.1	<0.4	2.2	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	2/16/15	<0.1	<0.1	<0.1	<0.1	<0.4	1.8	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	3/19/15	<0.1	<0.1	<0.1	<0.1	<0.4	3.5	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	4/8/15	<0.1	<0.1	<0.1	<0.1	<0.4	1.2	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	5/20/15	<0.1	<0.1	<0.1	<0.1	<0.4	2	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	8/11/15	<0.1	<0.1	<0.1	<0.1	<0.4	2	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	11/3/15	<0.1	<0.1	<0.1	<0.1	<0.4	1.4	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	2/10/16	<0.1	<0.1	<0.1	<0.1	<0.4	1.7	2.7 J	<0.1	<0.1	<0.1
1614-RAY-INF	3/13/06	0.1 J	<0.1	<0.1	0.1 J	0.2	3.8	<5	0.2 J	<0.1	<0.1
1614-RAY-INF	5/12/06	0.1 J	<0.1	<0.1	0.2 J	0.3	4.1	<5	0.3 J	<0.1	<0.1
1614-RAY-INF	8/10/06	<0.1	<0.1	<0.1	0.1 J	0.1	4.1	<5	0.2 J	<0.1	<0.1
1614-RAY-INF	2/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	2.6	<5	0.2 J	<0.1	<0.1
1614-RAY-INF	5/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	3	<5	0.1 J	<0.1	<0.1
1614-RAY-INF	8/8/07	<0.5	<0.5	<0.5	<0.5	<2.0	2.6	<25	<0.5	<0.5	<0.5
1614-RAY-INF	11/7/07	<0.1	<0.1	<0.1	<0.2	<0.5	2.3	<5	0.1 J	<0.1	<0.1
1614-RAY-INF	2/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	2.2	<5	0.1 J	<0.1	<0.1
1614-RAY-INF	5/14/08	<0.1	<0.1	<0.1	<0.1	<0.4	2	<5	0.1 J	<0.1	<0.1
1614-RAY-INF	8/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.5	<5.0	<0.1	<0.1	<0.1
1614-RAY-INF	11/21/08	<0.1	<0.1	<0.1	<0.2	<0.5	2.0	<5	<0.1	<0.1	<0.1
1614-RAY-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.37	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	5/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	2.37	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	8/17/09	<0.500 AE	<0.500 AE	<0.500 AE	<0.500 AE	<2.000	1.06 AE	<2.50 AE	<0.500 AE	<0.500 AE	<0.500 AE
1614-RAY-INF	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	0.950	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	2/17/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.02	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	5/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.95	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	8/27/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	11/12/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.00 D1	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	2/16/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	5/26/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.70	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	8/24/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	11/20/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.45	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	2/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	1.07	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	8/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	8/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	5/9/14	<0.500	<0.500	<0.500	<1.00	<2.500	0.87	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	11/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	5/20/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<2.5	<0.1	<0.1	<0.1
1614-RAY-INF	11/6/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<2.5	<0.1	<0.1	<0.1
1616-RAY-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	1.8	<10	<0.5	-	<0.5
1616-RAY-INF	3/13/06	<0.1	<0.1	<0.1	<0.2	<0.5	2.3	<5	<0.1	<0.1	<0.1
1616-RAY-INF	8/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	1.9	<5	<0.1	<0.1	<0.1
1616-RAY-INF	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	1.4	<5	<0.1	<0.1	<0.1

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1616-RAY-INF	2/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.8	<5	<0.1	<0.1	<0.1
1616-RAY-INF	5/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	2	<5	<0.1	<0.1	<0.1
1616-RAY-INF	8/7/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.3	<5	<0.1	<0.1	<0.1
1616-RAY-INF	11/5/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.3	<5	<0.1	<0.1	<0.1
1616-RAY-INF	2/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.3	<5	<0.1	<0.1	<0.1
1616-RAY-INF	5/13/08	<0.1	<0.1	<0.1	<0.1	<0.4	2	<5	<0.1	<0.1	<0.1
1616-RAY-INF	8/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.6	<5.0	<0.1	<0.1	<0.1
1616-RAY-INF	11/18/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.7	<5	<0.1	<0.1	<0.1
1616-RAY-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.75	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	5/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	2.81	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	8/17/09	<0.500 AE	<0.500 AE	<0.500 AE	<0.500 AE	<2.000	1.34 AE	<2.50 AE	<0.500 AE	<0.500 AE	<0.500 AE
1616-RAY-INF	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.27	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	2/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.47	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	5/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.41	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	8/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.33	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.15	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	2/15/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.31	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.88	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	8/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.47	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	2/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	1.25	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	0.720	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	8/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	0.99	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	2/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	1.09	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	6/27/13	<0.500	<0.500	<0.500	<0.500	<2.000	0.68	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	8/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	0.72	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	2/27/14	<0.500	<0.500	<0.500	<1.00	<2.500	0.50	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	11/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	0.66	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	6/23/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.80	<2.5	<0.1	<0.1	<0.1
1616-RAY-INF	11/20/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.7	<2.5	<0.1	<0.1	<0.1
1620-RAY-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	2.3	<10	<0.5	-	<0.5
1620-RAY-INF	3/13/06	<0.1	<0.1	<0.1	<0.2	<0.5	1.1	<5	<0.1	<0.1	<0.1
1620-RAY-INF	8/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	2.3	<5	<0.1	<0.1	<0.1
1620-RAY-INF	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	1.6	<5	<0.1	<0.1	<0.1
1620-RAY-INF	2/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.9	<5	<0.1	<0.1	<0.1
1620-RAY-INF	5/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.2	<5	<0.1	<0.1	<0.1
1620-RAY-INF	8/7/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.2	<5	<0.1	<0.1	<0.1
1620-RAY-INF	11/5/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.4	<5	<0.1	<0.1	<0.1
1620-RAY-INF	2/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.6	<5	<0.1	<0.1	<0.1
1620-RAY-INF	5/13/08	<0.1	<0.1	<0.1	<0.1	<0.4	1.4	<5	<0.1	<0.1	<0.1
1620-RAY-INF	8/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.0	<5.0	<0.1	<0.1	<0.1
1620-RAY-INF	11/18/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.1	<5	<0.1	<0.1	<0.1
1620-RAY-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.17	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	5/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.88	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	8/17/09	<0.500 AE	<0.500 AE	<0.500 AE	<0.500 AE	<2.000	0.91 AE	<2.50 AE	<0.500 AE	<0.500 AE	<0.500 AE
1620-RAY-INF	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	0.710	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	2/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	0.61	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	5/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	8/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	0.950	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	2/15/11	<0.500	<0.500	<0.500	<0.500	<2.000	0.780	<2.50	<0.500	<0.500	<0.500

Table 2

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19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1620-RAY-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	8/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	2/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	8/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	2/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	8/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	11/14/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	5/8/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	11/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	6/23/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<2.5	<0.1	<0.1	<0.1
1620-RAY-INF	11/6/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<2.5	<0.1	<0.1	<0.1
1624-RAY-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	0.7	<10	<0.5	-	<0.5
1624-RAY-INF	3/13/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.6	<5	<0.1	<0.1	<0.1
1624-RAY-INF	8/24/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.7	<5	<0.1	<0.1	<0.1
1624-RAY-INF	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.8	<5	<0.1	<0.1	<0.1
1624-RAY-INF	5/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.7	<5	<0.1	<0.1	<0.1
1624-RAY-INF	8/7/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.7	<5	<0.1	<0.1	<0.1
1624-RAY-INF	11/5/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.9	<5	<0.1	<0.1	<0.1
1624-RAY-INF	2/20/08	<0.1	3.6	<0.1	<0.2	3.6	1.7	<5	0.1 J	<0.1	<0.1
1624-RAY-INF	5/13/08	<0.1	<0.1	<0.1	<0.1	<0.4	1.8	<5	0.2 J	<0.1	<0.1
1624-RAY-INF	8/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.8	<5	<0.1	<0.1	<0.1
1624-RAY-INF	11/18/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.1	<5	<0.1	<0.1	<0.1
1624-RAY-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.23	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	5/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.68	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	8/17/09	<0.500 AE	<0.500 AE	<0.500 AE	<0.500 AE	<2.000	0.63 AE	<2.50 AE	<0.500 AE	<0.500 AE	<0.500 AE
1624-RAY-INF	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	0.880	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	2/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	5/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	8/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	2/15/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	8/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	2/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	8/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	2/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	8/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	11/14/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	5/8/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	11/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	6/23/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<2.5	<0.1	<0.1	<0.1
1624-RAY-INF	11/6/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<2.5	<0.1	<0.1	<0.1
1717-RAY-INF	7/21/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1717-RAY-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1717-RAY-INF	5/27/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1717-RAY-INF	11/22/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1717-RAY-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1717-RAY-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1717-RAY-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1717-RAY-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1717-RAY-INF	5/8/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1717-RAY-INF	11/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1717-RAY-INF	6/23/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<2.5	<0.1	<0.1	<0.1
1717-RAY-INF	11/6/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<2.5	<0.1	<0.1	<0.1
9-ELLE-INF	11/9/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
2-HNDK-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
3-HNDK-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	1.5	<10	<0.5	<0.5	<0.5
4-HNDK-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
1801-LAUR-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
19119-MDTN-INF	11/17/05	<0.5	<0.5	<0.5	<0.5	<2.0	1.9	<10	<0.5	-	<0.5
19119-MDTN-INF	2/11/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.32	<2.50	<0.500	<0.500	<0.500
19119-MDTN-INF	5/27/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19119-MDTN-INF	3/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19119-MDTN-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19119-MDTN-INF	11/19/12	<0.500	69.8	<0.500	<0.500	69.8	<0.500	<2.50	<0.500	<0.500	<0.500
19119-MDTN-INF	01/29/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19119-MDTN-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19119-MDTN-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19119-MDTN-INF	5/9/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19119-MDTN-INF	12/18/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19119-MDTN-INF	6/23/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<2.5	<0.1	<0.1	<0.1
19119-MDTN-INF	11/3/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<2.5	<0.1	<0.1	<0.1
19124-MDTN-INF	3/13/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19124-MDTN-INF	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.9	<5	<0.1	<0.1	<0.1
19124-MDTN-INF	2/12/09	<0.500	<0.500	<0.500	<0.500	<2.000	0.74	<2.50	<0.500	<0.500	<0.500
19124-MDTN-INF	11/21/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19124-MDTN-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19124-MDTN-INF	5/18/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19124-MDTN-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19124-MDTN-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19124-MDTN-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19124-MDTN-INF	5/8/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19124-MDTN-INF	11/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19124-MDTN-INF	5/20/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<2.5	<0.1	<0.1	<0.1
19124-MDTN-INF	11/6/15	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
19201-MDTN-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
19201-MDTN-INF	1/28/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19201-MDTN-INF	2/10/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-MDTN-INF	12/15/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-MDTN-INF	5/25/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-MDTN-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-MDTN-INF	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-MDTN-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19201-MDTN-INF	5/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19201-MDTN-INF	12/18/14	<0.500	6.37	<0.500	<1.00	6.37	<0.500	<2.50	<0.500	<0.500	<0.500
19201-MDTN-INF	1/14/15	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.500	<0.500	<0.500	<0.500
19201-MDTN-INF	5/20/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<2.5	<0.1	<0.1	<0.1
19201-MDTN-INF	11/20/15	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
19205-MDTN-INF	11/2/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
19205-MDTN-INF	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19205-MDTN-INF	2/11/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-MDTN-INF	12/15/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-MDTN-INF	5/25/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-MDTN-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-MDTN-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-MDTN-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-MDTN-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-MDTN-INF	11/21/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19222-MDTN-INF	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19222-MDTN-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19222-MDTN-INF	01/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19222-MDTN-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19222-MDTN-INF	12/20/13	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500
19222-MDTN-INF	5/8/14	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500
19222-MDTN-INF	11/6/14	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500
19222-MDTN-INF	6/23/15	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
19222-MDTN-INF	11/6/15	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
19223-MDTN-INF	12/1/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
19223-MDTN-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19229-MDTN-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
19235-MDTN-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	0.8	<10	<0.5	-	<0.5
19239-MDTN-INF	11/15/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
19303-MDTN-INF	11/15/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
1614-PASR-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
1614-PASR-INF	8/24/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.3 J	<5	<0.1	<0.1	<0.1
19328-RICH-INF	11/3/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
19200-SHAN-INF	10/19/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.1 J	<5	<0.1	<0.1	<0.1
19201-SHAN-INF	8/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19201-SHAN-INF	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19201-SHAN-INF	2/10/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-SHAN-INF	1/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-SHAN-INF	6/14/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-SHAN-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-SHAN-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-SHAN-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-SHAN-INF	5/18/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-SHAN-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-SHAN-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19201-SHAN-INF	11/14/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19203-SHAN-INF	9/13/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.1 J	<5	<0.1	<0.1	<0.1
19203-SHAN-INF	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19203-SHAN-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19203-SHAN-INF	1/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19203-SHAN-INF	5/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19203-SHAN-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19203-SHAN-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19203-SHAN-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19203-SHAN-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19203-SHAN-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19203-SHAN-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19203-SHAN-INF	11/14/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
19205-SHAN-INF	11/15/05	<0.5	<0.5	<0.5	<0.5	<2.0	1.4	<10	<0.5	-	<0.5
19205-SHAN-INF	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.7	<5	<0.1	<0.1	<0.1
19205-SHAN-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-SHAN-INF	3/24/10	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<5.00	<1.00	<1.00	<1.00
19205-SHAN-INF	5/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-SHAN-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-SHAN-INF	5/25/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-SHAN-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-SHAN-INF	5/18/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-SHAN-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-SHAN-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19205-SHAN-INF	11/21/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19207-SHAN-INF	11/2/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
19207-SHAN-INF	12/5/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19207-SHAN-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19207-SHAN-INF	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19207-SHAN-INF	5/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19207-SHAN-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19207-SHAN-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19207-SHAN-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19207-SHAN-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19207-SHAN-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19207-SHAN-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19207-SHAN-INF	11/21/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19208-SHAN-INF	8/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19209-SHAN-INF	11/15/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
19209-SHAN-INF	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	<5	<0.1	<0.1	<0.1
19209-SHAN-INF	2/11/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19209-SHAN-INF	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19209-SHAN-INF	5/17/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19209-SHAN-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19209-SHAN-INF	5/24/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19209-SHAN-INF	11/22/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19209-SHAN-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19209-SHAN-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.5	<0.500	<0.500	<0.500
19209-SHAN-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19209-SHAN-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19211-SHAN-INF	11/8/05	<0.5	<0.5	<0.5	<0.5	<2.0	0.8	<10	<0.5	-	<0.5
19211-SHAN-INF	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19211-SHAN-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19211-SHAN-INF	11/24/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19211-SHAN-INF	5/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19211-SHAN-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19211-SHAN-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19211-SHAN-INF	5/18/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19211-SHAN-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19211-SHAN-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19211-SHAN-INF	11/21/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19213-SHAN-INF	8/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19213-SHAN-INF	12/5/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19213-SHAN-INF	2/12/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19213-SHAN-INF	1/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19213-SHAN-INF	5/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
19213-SHAN-INF	5/25/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19213-SHAN-INF	2/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19213-SHAN-INF	5/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19213-SHAN-INF	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19213-SHAN-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19213-SHAN-INF	11/14/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	3.06	<0.500	<0.500	<0.500
19214-SHAN-INF	8/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	7.5	<5	0.2 J	<0.1	<0.1
19214-SHAN-INF	11/27/06	<0.1	<0.1	<0.1	<0.2	<0.5	5	<5	0.2 J	<0.1	<0.1
19214-SHAN-INF	2/10/09	<0.500	<0.500	<0.500	<0.500	<2.000	3.27	<2.50	<0.500	<0.500	<0.500
19214-SHAN-INF	5/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	0.8	<2.50	<0.500	<0.500	<0.500
19214-SHAN-INF	12/15/10	<0.500	<0.500	<0.500	<0.500	<2.000	0.790	<2.50	<0.500	<0.500	<0.500
19214-SHAN-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19214-SHAN-INF	2/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19214-SHAN-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19214-SHAN-INF	11/21/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	11/2/05	<0.5	<0.5	<0.5	<0.5	<2.0	0.7	<10	<0.5	<0.5	<0.5
19215-SHAN-INF	1/25/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	<5	<0.1	<0.1	<0.1
19215-SHAN-INF	2/9/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	1/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	6/23/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	11/12/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	3/18/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	8/24/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	5/18/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	1/29/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	5/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
19215-SHAN-INF	12/31/13	<0.500	<0.500	<0.500	<1.0	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500
19200-MDTN-INF**	9/15/05	<0.1	<0.1	<0.1	<0.2	<0.5	0.5 J	-	-	-	-
19200-MDTN-INF**	3/31/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.4 J	<5	<0.1	<0.1	<0.1
19200-MDTN-INF**	5/12/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
19200-MDTN-INF**	8/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	<5	<0.1	<0.1	<0.1
PW01-INF	5/12/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW01-INF	8/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	<5	<0.1	<0.1	<0.1
PW01-INF	8/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.3 J	<5	<0.1	<0.1	<0.1
PW01-INF	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.3 J	<5	<0.1	<0.1	<0.1
PW01-INF	2/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.3 J	<5	<0.1	<0.1	<0.1
PW01-INF	5/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.8	<5	<0.1	<0.1	<0.1
PW01-INF	8/7/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.9	<5	<0.1	<0.1	<0.1
PW01-INF	11/5/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.6	<5	<0.1	<0.1	<0.1
PW01-INF	2/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.5 J	<5	<0.1	<0.1	<0.1
PW01-INF	5/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.3 J	<5	<0.1	<0.1	<0.1
PW01-INF	8/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.5	<5	<0.1	<0.1	<0.1
PW01-INF	11/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.9	<5	<0.1	<0.1	<0.1
PW01-INF	2/9/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
PW01-INF	5/19/09	<0.5	<0.5	<0.5	<0.5	<2.0	1.3	<2.5	<0.5	<0.5	<0.5
PW01-INF	8/17/09	<0.5 AE	<0.5 AE	<0.5 AE	<0.5 AE	<2.0	0.57 AE	<2.5 AE	<0.5 AE	<0.5 AE	<0.5 AE
PW01-INF	11/24/09	<0.5	<0.5	<0.5	<0.5	<2.0	0.720	<2.5	<0.5	<0.5	<0.5
PW01-INF	2/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW01-INF	5/18/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW01-INF	8/26/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW01-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.23	<2.50	<0.500	<0.500	<0.500
PW01-INF	2/15/11	<0.500	<0.500	<0.500	<0.500	<2.000	0.960	<2.50	<0.500	<0.500	<0.500

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
PW01-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.56	<2.50	<0.500	<0.500	<0.500
PW01-INF	8/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW01-INF	11/22/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.48	<2.50	<0.500	<0.500	<0.500
PW01-INF	2/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	1.16	<2.50	<0.500	<0.500	<0.500
PW01-INF	5/18/12	<0.500	3.27	<0.500	<0.500	3.27	0.820	<2.50	<0.500	<0.500	<0.500
PW01-INF	8/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW01-INF	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW01-INF	2/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	2.02	<2.50	<0.500	<0.500	<0.500
PW01-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	1.31	<2.50	<0.500	<0.500	<0.500
PW01-INF	8/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	1.37	<2.50	<0.500	<0.500	<0.500
PW01-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	1.90	<2.50	<0.500	<0.500	<0.500
PW01-INF	2/27/14	<0.500	<0.500	<0.500	<1.00	<2.500	1.02	<2.50	<0.500	<0.500	<0.500
PW01-INF	11/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
PW01-INF	5/20/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.4 J	<2.50	<0.1	<0.1	<0.1
PW01-INF	11/6/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.9	<2.5	<0.1	<0.1	<0.1
PW02-INF	8/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW02-INF	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW02-INF	2/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW02-INF	5/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW02-INF	8/7/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW02-INF	11/5/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW02-INF	2/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW02-INF	5/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW02-INF	8/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW02-INF	11/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW02-INF	2/9/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
PW02-INF	5/19/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
PW02-INF	8/17/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
PW02-INF	11/24/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
PW02-INF	2/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	5/18/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	8/26/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	2/15/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.11	<2.50	<0.500	<0.500	<0.500
PW02-INF	8/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	11/22/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	2/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	5/18/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	8/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	2/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	8/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	0.89	<2.50	<0.500	<0.500	<0.500
PW02-INF	2/27/14	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	11/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
PW02-INF	5/20/15	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
PW02-INF	11/6/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<2.5	<0.1	<0.1	<0.1
PW03-INF	8/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW03-INF	5/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW03-INF	8/14/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
PW03-INF	11/21/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
PW03-INF	2/9/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
PW03-INF	5/18/09	<0.5	<0.5	<0.5	<0.5	<2.0	0.72	<2.5	<0.5	<0.5	<0.5
PW03-INF	8/17/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
PW03-INF	11/23/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
PW03-INF	2/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	5/18/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	8/26/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	2/16/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	5/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	8/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	11/22/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	2/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	5/18/12	<0.500	3.11	<0.500	<0.500	3.11	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	8/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	2/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	5/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	8/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	11/13/13	<0.500	<5.00	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	2/27/14	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	11/6/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	5/20/15	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
PW03-INF	11/6/15	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<2.5	<0.1	<0.1	<0.1

Note: In December 2014, 1608 Rayville Road was converted to recovery well RW-4.
* GW Cleanup 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 per liter
- = Not Applicable / Not Available
NA = Not Applicable / Not Available
2b = The spike recovery was outside acceptance limits for the Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD).
J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value
AE = Laboratory Control Sample (LCS) did not run due to autosampler error. Data accepted based on acceptable check standard Quality Control (QC).
QK = This result was above the calibration range; therefore it is an estimated value.
D1 = The RPD result exceeded the QC control limits for the duplicate sample analyzed.
L1 = This result was above the calibration range; therefore it is an estimated value.
MTBE = Methyl-tertiary butyl-ether
ELLE = Ellen's Choice Way
HNDK = Hendricks Court
LAUR = Laurel Ridge Drive
MDTN = Middletown Road
PASR = Parsonage Road
RAY = Rayville Road
RICH = Rich Roy Court
SHAN = Shandall Court

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-INF	11/03/05	-	-	<100	<100	<100	<100	<400	2,670	<2,000	<100	-	<100
1606-RAY-INF	11/14/05	-	-	<100	<100	<100	<100	<400	2,250	<2,000	<100	-	<100
1606-RAY-INF	03/13/06	-	-	<0.5	<0.7	<0.8	<0.8	<2.8	160	-	-	-	-
1606-RAY-INF	04/20/06	-	-	<50	<50	<50	<50	<200	2,860	<1,000	57	-	<50
1606-RAY-INF	05/12/06	-	-	6.4 J	<2	<2	6.2 J	12.6	3,800	740	95	<2	15
1606-RAY-INF	06/14/06	-	-	7.8 J	<5	<5	6.3 J	14.1	3,200	740 J	77	<5	13 J
1606-RAY-INF	07/18/06	-	-	13	0.1 J	<0.1	14.3	27.3	3,700	1,300	98	<0.1	20
1606-RAY-INF	08/10/06	-	-	17	0.1 J	<0.1	18.9	35.9	5,600	1,200 J	150	0.2 J	22
1606-RAY-INF	09/14/06	-	-	14	0.1 J	<0.1	17.6	31.6	5,100	1,000	140 J	0.2 J	25
1606-RAY-INF	10/19/06	-	-	16	0.2 J	<0.1	18.1	34.1	5,900	1,500	160	0.2 J	22
1606-RAY-INF	11/27/06	-	-	13	<0.5	<0.5	14	27	6,000	1,600	160	<0.5	<0.5
1606-RAY-INF	12/21/06	-	-	9	<0.5	<0.5	10	19	4,900	1,400	120 J	<0.5	21
1606-RAY-INF	01/18/07	-	-	<0.5	<0.5	<0.5	<1.0	<2.5	390	58 J	9.3	<0.5	2 J
1606-RAY-INF	02/27/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	570	56	16	<0.1	7.9
1606-RAY-INF	03/21/07	-	-	<1	<1	<1	<2.0	<5.0	1,800	89 J	34	<1	9.9
1606-RAY-INF	04/23/07	-	-	<5	<5	<5	<10	<25	2,200	<250	41	<5	10 J
1606-RAY-INF	05/24/07	-	-	<2.5	<2.5	<2.5	<5	<12.5	3,100	<130	48	<2.5	10 J
1606-RAY-INF	06/19/07	-	-	<0.3	<0.3	<0.3	<0.5	<1.4	5,100	130	120	<0.3	21
1606-RAY-INF	07/18/07	-	-	1.2 J	5.3	<0.3	0.8 J	15.3	6,300	440	120 J	<0.3	24
1606-RAY-INF	08/07/07	-	-	2.4	<0.3	<0.3	2.5	4.9	5,800	650	140 J	<0.3	23
1606-RAY-INF	09/10/07	-	-	2.9	<0.5	<0.5	2.7	5.6	6,700	1,100	150 J	<0.5	26
1606-RAY-INF	10/10/07	-	-	4.3	<0.5	<0.5	3.5	7.8	7,400	1,300	160 J	<0.5	31
1606-RAY-INF	11/05/07	-	-	4.0	<0.5	<0.5	3.1	7.1	10,000	1,200	150	<0.5	31
1606-RAY-INF	12/05/07	-	-	5.4	<0.5	<0.5	4.3	9.7	7,900	1,500	180 J	<0.5	34
1606-RAY-INF	01/17/08	-	-	6.4	<0.5	<0.5	6.1	12.5	7,600	1,000	240 J	<0.5	30
1606-RAY-INF	02/20/08	-	-	6.8	<0.5	<0.5	5.8	12.6	9,900	1,800	190 J	<0.5	34
1606-RAY-INF	03/20/08	-	-	5.6	<0.5	<0.5	4.2	9.8	8,100	1,700	220	<0.5	37
1606-RAY-INF	04/22/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	680	15 J	19	<0.1	3.8
1606-RAY-INF	05/13/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	110	<5	1.5	<0.1	0.8
1606-RAY-INF	06/19/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	100	<5	0.6	<0.1	1.7
1606-RAY-INF	07/22/08	-	-	<2	<2	<2	<4	<10	5,900	210 J	110	<2	17
1606-RAY-INF	08/13/08	-	-	<0.5	<0.5	<0.5	<1.0	<2.5	7,200	430	130 J	<0.5	21
1606-RAY-INF	09/24/08	-	-	<5	<5	<5	<10	<25	8,500	1,100 J	170	<5	29

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-INF	10/16/08	-	-	<5	<5	<5	<10	<25	9,500	1,300	190	<5	30
1606-RAY-INF	11/18/08	-	-	<5	<5	<5	<10	<25	9,800	1,600	190	<5	34
1606-RAY-INF	12/16/08	-	-	<5	<5	<5	<10	<25	11,000	1,500	210	<5	34
1606-RAY-INF	01/16/09	-	-	<5	<5	<5	<10	<25	5,000	320 J	97	<5	18 J
1606-RAY-INF	02/09/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	3,370	76.3	56.3	<0.500	12.3
1606-RAY-INF	03/11/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	3,570	82.8	39.7	<0.500	15.3
1606-RAY-INF	04/24/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	9,180	124	80.2	<0.500	18.8
1606-RAY-INF	05/18/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	11,700	196	70.9	<0.500	17.1
1606-RAY-INF	05/29/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	2,080	71.6	19.5	<0.500	7.41
1606-RAY-INF	06/15/09	-	-	<1.00	<1.00	<1.00	<1.00	<4.00	1,280	42.3	15.7	<1.00	10.3
1606-RAY-INF	07/14/09	-	-	16.8	<0.500	<0.500	10.1	26.9	9,790	1,960	252	<0.500	51.4
1606-RAY-INF	08/17/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	5,610	878	95.8	<0.500	30.9
1606-RAY-INF	09/21/09	-	-	0.620	<0.500	<0.500	<0.500	0.62	8,440	1,320	170	<0.500	32.1
1606-RAY-INF	10/23/09	-	-	0.8	<0.500	<0.500	<0.500	0.8	10,900	1,240	212	<0.500	32.6
1606-RAY-INF	11/23/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	656	5.92	8.56	<0.500	2.16
1606-RAY-INF	12/17/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	26.3	<2.50	<0.500	<0.500	0.61
1606-RAY-INF	01/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	86	<2.50	<0.500	<0.500	2.45
1606-RAY-INF	02/16/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	3,490	17.1	45.9	<0.500	8.97
1606-RAY-INF	03/18/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	398	<2.50	3.99	<0.500	2.46
1606-RAY-INF	04/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	4,900	<2.50	62.5	<0.500	13.2
1606-RAY-INF	05/17/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	4,490	2,060	50.1	<0.500	15.4
1606-RAY-INF	06/14/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	4,960	351	64.0	<0.500	15.7
1606-RAY-INF	07/21/10	-	-	1.08	59.9	<0.500	0.600	1.68	5,260	349	56.3	<0.500	15.8
1606-RAY-INF	08/18/10	-	-	<0.500	3.52	<0.500	<0.500	3.52	8,990	592	79.8	<0.500	19.2
1606-RAY-INF	09/24/10	-	-	<0.500	0.600	<0.500	<0.500	0.6	5,290	1,300	72.2	<0.500	21.1
1606-RAY-INF	10/15/10	-	-	<0.500	0.780	<0.500	<0.500	0.78	4,840	712	89.3	<0.500	19.7
1606-RAY-INF	11/12/10	-	-	0.830	1.37	<0.500	0.550	2.75	8,030	2,620	286	<0.500	26.8
1606-RAY-INF	12/15/10	-	-	1.39	0.740	<0.500	0.670	2.06	14,800	1,630	158	<0.500	22.7
1606-RAY-INF	01/20/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	8,510	1,180	132	<0.500	26.7
1606-RAY-INF	02/14/11	-	-	<0.500	<0.500	<0.500	0.760	0.760	10,300	2,510	232	<0.500	<0.500
1606-RAY-INF	03/18/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	306	<2.50	7.40	<0.500	1.13
1606-RAY-INF	04/19/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	32.7	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	05/23/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	11.3	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-INF	06/24/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	918	24.6	12.8	<0.50	4.48
1606-RAY-INF	07/19/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	1,170	68.7	28.1	<0.50	5.99
1606-RAY-INF	08/23/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	1,830	98.2	33.8	<0.5	6.79
1606-RAY-INF	09/29/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	165	7.75	2.13	<0.50	<0.50
1606-RAY-INF	10/20/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	1,150	13.9	17.5	<0.50	4.10
1606-RAY-INF	11/21/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	986	15.5	19.8	<0.50	4.12
1606-RAY-INF	12/19/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	8.3	<2.50	<0.50	<0.50	<0.50
1606-RAY-INF	01/26/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	5.89	<2.50	<0.50	<0.50	0.54
1606-RAY-INF	02/23/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	3.15	<2.50	<0.50	<0.50	<0.50
1606-RAY-INF	03/23/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	6.27	<2.50	<0.50	<0.50	<0.50
1606-RAY-INF	04/26/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	5.43	<2.50	<0.50	<0.50	<0.50
1606-RAY-INF	05/17/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	61.7	<2.50	<0.500	<0.500	1.27
1606-RAY-INF	06/26/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	203	5.14	1.71	<0.500	<0.500
1606-RAY-INF	07/25/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	414	23.0	4.86	<0.500	3.02
1606-RAY-INF	08/28/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	364	28.8	7.95	<0.500	3.21
1606-RAY-INF	09/24/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	350 QK	29.9	6.91	<0.500	1.85
1606-RAY-INF	10/24/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	496	39.4	14.4	<0.500	<0.500
1606-RAY-INF	11/20/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	10.1	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	12/20/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	7.17	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	01/22/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	13.8	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	02/13/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	6.20	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	03/26/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	1.58	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	04/23/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	0.630	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	05/21/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	4.48	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	06/27/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	35.7	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	07/25/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	28.3	<2.50	<0.500	<0.500	0.940
1606-RAY-INF	08/22/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	32.1	<2.50	<0.500	<0.500	0.720
1606-RAY-INF	09/20/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	30.8	<2.50	<0.500	<0.500	0.630
1606-RAY-INF	10/23/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	15.6	<2.50	<0.500	<0.500	0.560
1606-RAY-INF	11/13/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	7.76	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	12/06/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	16.9	<2.50	<0.500	<0.500	0.57
1606-RAY-INF	01/06/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	1.5	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	02/27/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-INF	03/11/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	04/21/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	0.76	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	05/08/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	0.86	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	06/09/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	16	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	07/10/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	7.34	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	08/27/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	9.82	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	09/18/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	12.2	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	10/31/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	18.2	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	12/18/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	26.7	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	01/14/15	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	26.6	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	02/16/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	32	<2.5	0.3 J	<0.1	0.5
1606-RAY-INF	03/19/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	16	<2.5	0.1 J	<0.1	0.4 J
1606-RAY-INF	04/08/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	11	<2.5	<0.1	<0.1	0.2 J
1606-RAY-INF	05/20/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	6.3	<2.5	<0.1	<0.1	0.2 J
1606-RAY-INF	06/23/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	11	<2.5	<0.1	<0.1	0.3 J
1606-RAY-INF	08/11/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	15	3.3 J	0.2 J	<0.1	0.3 J
1606-RAY-INF	11/03/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	6.2	3.8 J	<0.1	<0.1	0.2 J
1606-RAY-INF	02/10/16	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	5.1	<2.5	<0.1	<0.1	<0.1
1606-RAY-MID1	03/13/06	-	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	-	-	-
1606-RAY-MID1	04/11/06	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	<0.5	91	<0.5	-	<0.5
1606-RAY-MID1	04/20/06	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	<0.5	125	<0.5	-	<0.5
1606-RAY-MID1	05/12/06	-	-	<0.1	0.4 J	<0.1	<0.2	0.4	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	06/14/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	41	<0.1	<0.1	<0.1
1606-RAY-MID1	07/18/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	210	<0.1	<0.1	<0.1
1606-RAY-MID1	08/10/06	-	-	<0.1	<0.1	0.1 J	<0.2	0.1	<0.1	620	<0.1	<0.1	<0.1
1606-RAY-MID1	09/14/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	0.1 J	10 J	<0.1	<0.1	<0.1
1606-RAY-MID1	10/19/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	0.1 J	120	<0.1	<0.1	<0.1
1606-RAY-MID1	11/27/06	-	-	<0.1	0.3 J	<0.1	<0.2	0.3	<0.1	510	<0.1	<0.1	<0.1
1606-RAY-MID1	12/21/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	0.1 J	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	01/18/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	11 J	<0.1	<0.1	<0.1
1606-RAY-MID1	02/27/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	61	<0.1	<0.1	<0.1
1606-RAY-MID1	03/21/07	-	-	<0.1	<0.1	0.4 J	<0.2	0.4	<0.1	82	<0.1	<0.1	<0.1
1606-RAY-MID1	04/23/07	-	-	<0.1	1.5	<0.1	<0.2	1.5	<0.1	110	<0.1	<0.1	<0.1

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-MID1	05/24/07	-	-	<0.1	<0.1	0.1 J	<0.2	0.1	0.2 J	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	06/19/07	-	-	<0.1	0.2 J	0.2 J	<0.2	0.2	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	07/18/07	-	-	<0.1	5.6	<0.1	<0.2	5.6	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	08/07/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	09/10/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	10/10/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5.0	<0.1	<0.1	<0.1
1606-RAY-MID1	11/05/07	-	-	<0.1	0.2 J	<0.1	<0.2	0.2	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	12/05/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	01/17/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	21 J	<0.1	<0.1	<0.1
1606-RAY-MID1	02/20/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	110	<0.1	<0.1	<0.1
1606-RAY-MID1	03/20/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	310	<0.1	<0.1	<0.1
1606-RAY-MID1	04/22/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	800	<0.1	<0.1	<0.1
1606-RAY-MID1	05/13/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	06/19/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	07/22/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	08/13/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5.0	<0.1	<0.1	<0.1
1606-RAY-MID1	09/24/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	10/16/08	-	-	<0.1	0.1 J	<0.1	<0.2	0.1	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	11/18/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	12/16/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	01/16/09	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-MID1	02/09/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID1	03/11/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	35.2	<0.500	<0.500	<0.500
1606-RAY-MID1	04/24/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	2,470	62.0	21.9	<0.500	4.56
1606-RAY-MID1	05/18/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID1	05/29/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	3.78	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID1	06/15/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID1	07/14/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	08/17/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	09/21/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	10/23/09			<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	11/23/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	12/17/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-MID2	01/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	02/16/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	03/18/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	04/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	05/17/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	06/14/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	07/21/10	-	-	<0.500	4.46	<0.500	<0.500	4.46	<0.500	2.99	<0.500	<0.500	<0.500
1606-RAY-MID2	08/18/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	16.5	<0.500	<0.500	<0.500
1606-RAY-MID2	09/24/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	10/15/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	11/12/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	12/15/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	01/20/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	02/14/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	03/18/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	04/19/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	05/23/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	06/24/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-MID2	07/19/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-MID2	08/23/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	21.3	<0.50	<0.50	<0.50
1606-RAY-MID2	09/29/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-MID2	10/20/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-MID2	11/21/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-MID2	12/19/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-MID2	01/26/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-MID2	02/23/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-MID2	03/23/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-MID2	04/26/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-MID2	05/17/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	06/26/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	07/25/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	08/28/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	09/24/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-MID2	10/24/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	11/20/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	12/20/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	01/22/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	02/13/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	03/26/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	04/23/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	05/21/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	06/27/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	07/25/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	08/22/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	3.43	<0.500	<0.500	<0.500
1606-RAY-MID2	09/20/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	10/23/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	11/13/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	12/06/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	01/06/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	04/21/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	07/10/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	12/18/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	01/14/15	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-MID2	04/08/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1606-RAY-MID2	08/11/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1606-RAY-MID2	11/03/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1606-RAY-MID2	02/10/16	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1606-RAY-EFF	11/21/05	-	-	<0.5	<0.5	-	<0.5	-	<0.5	<10	<0.5	-	<0.5
1606-RAY-EFF	01/03/06	-	-	<0.5	<0.5	-	<0.5	-	<0.5	<10	<0.5	-	<0.5
1606-RAY-EFF	03/13/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	03/14/06	-	-	<0.5	<0.5	-	<0.5	-	<0.5	10	<0.5	-	<0.5
1606-RAY-EFF	04/20/06	-	-	<0.5	<0.5	-	<0.5	-	<0.5	<10	<0.5	-	<0.5
1606-RAY-EFF	05/11/06	-	-	<0.5	<0.5	-	<0.5	-	<0.5	<10	<0.5	-	<0.5
1606-RAY-EFF	05/12/06	-	-	<0.1	0.2 J	<0.1	<0.2	0.2	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	06/14/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	07/18/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-EFF	08/10/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	7.5 J	<0.1	<0.1	<0.1
1606-RAY-EFF	09/14/06	-	-	<0.1	<0.1	<0.1	0.3 J	0.3	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	10/19/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	0.3 J	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	11/27/06	-	-	<0.1	0.2 J	<0.1	<0.2	0.2	<0.1	7.9 J	<0.1	<0.1	<0.1
1606-RAY-EFF	12/21/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	01/18/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	02/27/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	03/21/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	04/23/07	-	-	<0.1	0.8	<0.1	<0.2	0.8	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	05/24/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	05/01/07	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	06/19/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	07/18/07	-	18,900	<0.1	3.4	<0.1	<0.2	3.4	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	08/07/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	09/10/07	-	21,100	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	10/10/07	-	21,800	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5.0	<0.1	<0.1	<0.1
1606-RAY-EFF	11/05/07	-	22,100	<0.1	0.1 J	<0.1	<0.2	0.1	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	12/05/07	-	23,700	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	01/17/08	-	25,100	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	02/20/08	-	26,100	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	03/20/08	-	27,000	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	04/22/08	-	28,000	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	05/09/08	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	05/13/08	-	28,700	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	06/19/08	-	28,900	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	07/22/08	-	30,700	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	08/13/08	-	31,400	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5.0	<0.1	<0.1	<0.1
1606-RAY-EFF	09/24/08	-	32,600	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	10/16/08	-	33,300	<0.1	0.1 J	<0.1	<0.2	0.1	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	11/18/08	-	34,300	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	12/16/08	-	35,100	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	01/16/09	-	36,100	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1606-RAY-EFF	02/09/09	-	37,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-EFF	03/11/09	-	38,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	03/19/09	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	04/24/09	-	39,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	05/15/09	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	05/18/09	-	40,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	119	<0.500	<0.500	<0.500
1606-RAY-EFF	05/29/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	06/15/09	-	41,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	25.8	<0.500	<0.500	<0.500
1606-RAY-EFF	07/14/09	-	42,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	07/23/09	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	08/17/09	-	44,100	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	09/21/09	-	45,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	10/23/09	-	46,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	11/23/09	-	47,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	12/17/09	-	48,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	01/19/10	-	49,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	02/16/10	-	50,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	03/18/10	-	51,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	04/19/10	-	52,800	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	05/17/10	-	53,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	06/14/10	-	55,200	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	07/21/10	-	56,400	<0.500	2.49	<0.500	<0.500	2.49	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	08/18/10	-	57,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	08/31/10	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	09/24/10	-	58,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	10/15/10	-	59,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	11/12/10	-	60,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	12/15/10	-	61,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	01/20/11	-	62,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	02/14/11	-	63,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	03/18/11	-	65,100	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	04/19/11	-	66,200	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	05/23/11	-	67,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	06/24/11	-	68,700	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-EFF	07/19/11	-	69,600	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-EFF	08/23/11	-	71,000	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-EFF	09/27/11	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	09/29/11	-	72,000	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-EFF	10/20/11	-	72,700	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-EFF	11/21/11	-	73,800	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-EFF	12/19/11	-	74,700	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-EFF	01/26/12	-	75,800	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-EFF	02/23/12	-	76,800	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-EFF	03/23/12	-	77,800	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-EFF	04/26/12	-	78,800	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1606-RAY-EFF	05/17/12	-	79,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	06/26/12	-	80,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	07/25/12	-	81,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	08/28/12	-	82,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	09/24/12	-	83,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	10/24/12	-	84,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	11/20/12	-	85,300	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	12/20/12	-	86,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	01/22/13	-	87,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	02/13/13	-	88,100	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	03/26/13	-	89,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	04/23/13	-	90,100	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	05/21/13	-	90,800	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	06/27/13	-	92,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	07/25/13	-	92,800	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	08/22/13	-	93,800	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	09/18/13	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	09/20/13	-	94,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	10/23/13	-	95,666	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	11/13/13	-	96,256	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	12/06/13	-	97,020	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	01/06/14	-	97,991	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1606-RAY-EFF	02/27/14	-	99,616	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	03/11/14	-	100,117	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	04/21/14	-	101,483	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	07/10/14	-	104,225	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	08/27/14	-	105,851	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	09/09/14	CARBON CHANGE	106,200	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	09/18/14	-	106,567	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	10/31/14	-	108,138	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	12/18/14	-	109,717	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	01/14/15	-	110,669	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-EFF	02/16/15	-	111,667	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	03/19/15	-	112,880	-	-	-	-	-	-	-	-	-	-
1606-RAY-EFF	04/08/15	-	113,621	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1606-RAY-EFF	08/11/15		117,852	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1606-RAY-EFF	11/03/15	-	120,715	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1606-RAY-EFF	02/10/16	-	124,782	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1608-RAY-INF	11/03/05	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	851	18	22	-	4.4
1608-RAY-INF	11/14/05	-	-	<25	<25	<25	<25	<100	900	<500	<25	-	<25
1608-RAY-INF	09/13/06	-	-	3 J	<0.7	<0.8	2 J	5	1,400	-	-	-	-
1608-RAY-INF	04/20/06	-	-	<25	<25	<25	<25	<100	1,500	<500	35	-	<25
1608-RAY-INF	05/12/06	-	-	<1	<1	<1	<2	<5.0	1,600	120 J	44	<1	6.2
1608-RAY-INF	06/14/06	-	-	2.6 J	<2.5	<2.5	<5	2.6	1,400	200 J	38	<2.5	6 J
1608-RAY-INF	07/18/06	-	-	5	<0.1	<0.1	4.2	9.2	1,500	340	47	<0.1	8.7
1608-RAY-INF	08/10/06	-	-	7.4	<0.1	<0.1	7.2	14.6	2,300	370	65	<0.1	9.2
1608-RAY-INF	09/14/06	-	-	6.1	<0.1	<0.1	6.3	12.4	2,100	390	63	<0.1	10
1608-RAY-INF	10/19/06	-	-	8.8	<0.1	<0.1	8.6	17.4	2,500	390	67	<0.1	12
1608-RAY-INF	11/27/06	-	-	8.9	<0.5	<0.5	8.9	17.8	2,300	540	69	<0.5	10
1608-RAY-INF	12/21/06	-	-	4.7	<0.3	<0.3	5	9.7	2,300	520	64 J	<0.3	11
1608-RAY-INF	01/18/07	-	-	10	<0.5	<0.5	9.4	19.4	2,800	640	79	<0.5	12
1608-RAY-INF	02/27/07	-	-	13	<0.5	<0.5	9.7	22.7	3,300	930	110	<0.5	19
1608-RAY-INF	03/21/07	-	-	10 J	<2.5	<2.5	6.4 J	16.4	4,800	1,000	95	<2.5	16
1608-RAY-INF	04/23/07	-	-	11 J	<5	<5	6.9 J	17.9	3,700	1,300	97	<5	16 J
1608-RAY-INF	05/24/07	-	-	9.5 J	<5	<5	5.3 J	14.8	4,300	1,100 J	91	<5	16 J

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-INF	06/19/07	-	-	12	<0.3	<0.3	9.3	21.3	5,200	1,000	130	<0.3	22
1608-RAY-INF	07/18/07	-	-	12	<0.3	<0.3	8.3	20.3	6,600	1,100	150 J	<0.3	22
1608-RAY-INF	08/07/07	-	-	9.9	<0.3	<0.3	8.6	18.5	4,600	940	130 J	<0.3	19
1608-RAY-INF	09/10/07	-	-	14	<0.5	<0.5	10	24	4,800	1,300	120 J	<0.5	24
1608-RAY-INF	10/10/07	-	-	11	<0.5	<0.5	7.5	18.5	5,200	1,100	130 J	<0.5	24
1608-RAY-INF	11/05/07	-	-	9.9	<0.5	<0.5	6.9	16.8	5,100	900	120	<0.5	23
1608-RAY-INF	12/05/07	-	-	12	<0.5	<0.5	7.8	19.8	5,300	1,400	110 J	<0.5	27
1608-RAY-INF	01/17/08	-	-	8.3	<0.5	<0.5	6.9	15.2	6,600	740	230 J	<0.5	20
1608-RAY-INF	02/20/08	-	-	9.4	<0.5	<0.5	6.6	16	6,100	1,200	130 J	<0.5	22
1608-RAY-INF	03/20/08	-	-	11	<0.5	<0.5	6.6	17.6	5,200	1,200	120	<0.5	26
1608-RAY-INF	04/22/08	-	-	14	<0.5	<0.5	10	24	6,000	1,400	140 J	<0.5	29
1608-RAY-INF	05/13/08	-	-	17 J	<5	<5	11 J	28	6,900	1,200 J	200	<0.5	26
1608-RAY-INF	06/19/08	-	-	11 J	<10	<10	<20	11	6,900	1,700 J	150	<10	23 J
1608-RAY-INF	07/22/08	-	-	14 J	<5	<5	7.0 J	21	7,600	1,500	200	<5	33
1608-RAY-INF	08/13/08	-	-	12	<0.5	<0.5	9.3	21.3	7,500	1,400	170 J	<0.5	27
1608-RAY-INF	09/24/08	-	-	14 J	<5	<5	8.7 J	22.7	8,000	1,700	200	<5	34
1608-RAY-INF	10/16/08	-	-	15 J	<5	<5	11 J	26	9,100	1,600	220	<5	33
1608-RAY-INF	11/18/08	-	-	13 J	<5	<5	6.6 J	19.6	8,500	1,700	200	<5	37
1608-RAY-INF	12/16/08	-	-	13 J	<5.0	<5.0	7.2 J	20.2	9,500	1,600	220	<5.0	37
1608-RAY-INF	01/16/09	-	-	17 J	<5	<5	9.2 J	26.2	9,700	2,000	230	<5	40
1608-RAY-INF	02/09/09	-	-	18.9	<0.500	<0.500	13.0	31.9	11,600	2,160	268	<0.500	44.9
1608-RAY-INF	03/11/09	-	-	20.1	<0.500	<0.500	11.1	31.2	11,800	2,490	220	<0.500	53.8
1608-RAY-INF	04/24/09	-	-	16.3	<0.500	<0.500	10.9	27.2	21,200	3,390	418	<0.500	44.4
1608-RAY-INF	05/18/09	-	-	22.1	<0.500	<0.500	14.2	36.3	25,200	11,900	1,130	<0.500	61.2
1608-RAY-INF	06/15/09	-	-	27.0	<1.00	<1.00	17.9	44.9	10,700	3,100	260	<1.00	66.9
1608-RAY-INF	07/14/09	-	-	1.69	<0.500	<0.500	1.28	2.97	6,540	857	126	<0.500	28.0
1608-RAY-INF	08/17/09	-	-	1.03	<0.500	<0.500	1.97	3	6,050	1,070	119	<0.500	39.9
1608-RAY-INF	09/21/09	-	-	11.0	<0.500	<0.500	6.99	17.99	8,330	2,460	253	<0.500	42.4
1608-RAY-INF	10/23/09	-	-	9.33	<0.500	<0.500	6.22	15.55	11,800	1,490	299	<0.500	40.6
1608-RAY-INF	11/23/09	-	-	16.8	<0.500	<0.500	11.2	28	13,700	1,450	338	<0.500	38.5
1608-RAY-INF	12/17/09	-	-	13.5	<0.500	<0.500	8.61	22.11	11,700	3,790	326	<0.500	45.2
1608-RAY-INF	01/19/10	-	-	15.3	<0.500	<0.500	8.76	24.06	9,050	2,070	241	<0.500	40.1
1608-RAY-INF	02/16/10	-	-	9.73	<0.500	<0.500	6.14	15.87	10,300	1,880	268	<0.500	29.4

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-INF	03/18/10	-	-	12.0	<0.500	<0.500	7.75	19.75	10,700	1,960	228	<0.500	39.2
1608-RAY-INF	04/19/10	-	-	12.9	<0.500	<0.500	7.92	20.82	8,270	1,720	210	<0.500	41.4
1608-RAY-INF	05/17/10	-	-	6.21	<0.500	<0.500	3.27	9.48	8,700	3,900	102	<0.500	29.1
1608-RAY-INF	06/14/10	-	-	8.08	<0.500	<0.500	5.07	13.15	10,000	923	145	<0.500	33.4
1608-RAY-INF	07/21/10	-	-	7.63	<0.500	<0.500	4.29	11.92	7,510	976	104	<0.500	27.2
1608-RAY-INF	08/18/10	-	-	7.72	<0.500	<0.500	3.91	11.63	8,640	1,680	130	<0.500	30.2
1608-RAY-INF	09/24/10	-	-	7.90	<0.500	<0.500	4.37	12.27	7,980	2,690	149	<0.500	35.6
1608-RAY-INF	10/15/10	-	-	7.39	<0.500	<0.500	4.04	11.43	6,680	962	149	<0.500	31.4
1608-RAY-INF	11/12/10	-	-	7.62	<0.500	<0.500	4.32	11.94	10,500	3,650	399	<0.500	36.9
1608-RAY-INF	12/15/10	-	-	7.95	<0.500	<0.500	3.52	11.47	18,400	2,330	222	<0.500	32.3
1608-RAY-INF	01/20/11	-	-	8.70	<0.500	<0.500	6.62	15.32	10,100	2,010	199	<0.500	37.6
1608-RAY-INF	02/14/11	-	-	6.13	<0.500	<0.500	2.21	8.34	14,800	3,960	347	<0.500	30.0
1608-RAY-INF	03/18/11	-	-	6.53	<0.500	<0.500	3.74	10.27	10,400	485	188	<0.500	19.3
1608-RAY-INF	04/19/11	-	-	6.07	<0.500	<0.500	3.26	9.33	21,300	1,700	283	<0.500	43.1
1608-RAY-INF	05/23/11	-	-	4.41	<0.500	<0.500	2.27	6.68	1,310	488	149 L1	<0.500	<0.500
1608-RAY-INF	06/24/11	-	-	4.41	<0.50	<0.50	2.36	6.77	6,580	1,790	179	<0.50	30.7
1608-RAY-INF	07/19/11	-	-	1.83	<0.50	<0.50	1.46	3.29	6,680	1,550	132	<0.50	26.9
1608-RAY-INF	08/23/11	-	-	2.27	<0.50	<0.50	0.96	3.23	6,010	2,570	276	<0.50	23.1
1608-RAY-INF	09/29/11	-	-	4	<0.50	<0.50	2.02	6.02	6,170	3,110	130	<0.50	25.7
1608-RAY-INF	10/20/11	-	-	2.93	<0.50	<0.50	1.05	3.98	9,320	1,780	190	<0.50	27.2
1608-RAY-INF	11/21/11	-	-	4.4	<0.50	<0.50	2.51	6.91	6,390	1,570	178	<0.50	29.7
1608-RAY-INF	12/19/11	-	-	4.83	<0.50	<0.50	2.54	7.37	5,180	1,460	87	<0.50	27.9
1608-RAY-INF	01/26/12	-	-	2.23	<0.50	<0.50	1.09	3.32	6,060	1,170	82	<0.50	33.4
1608-RAY-INF	02/23/12	-	-	2.05	<0.50	<0.50	1.35	3.4	5,380	1,480	248	<0.50	23.6
1608-RAY-INF	03/23/12	-	-	2.09	<0.50	<0.50	0.840	2.93	815	852	64.0	<0.50	21.1
1608-RAY-INF	04/26/12	-	-	3.38	<0.50	<0.50	1.47	4.85	5,840	1,460	93.8	<0.50	20.2
1608-RAY-INF	05/17/12	-	-	2.36	<0.500	<0.500	0.82	3.18	3,320	507	76.1	<0.500	15.9
1608-RAY-INF	06/26/12	-	-	2.37	<0.500	<0.500	1.48	3.85	2,020	1,170	96.1	<0.500	15.0
1608-RAY-INF	07/25/12	-	-	4.33	<0.500	<0.500	1.86	6.19	7,890	3,280	120	<0.500	27.6
1608-RAY-INF	08/28/12	-	-	3.38	<0.500	<0.500	2.08	5.46	4,750	1,310	79.9	<0.500	19.2
1608-RAY-INF	09/24/12	-	-	2.20	<0.500	<0.500	1.32	3.52	1,590	661 QK	50.6	<0.500	9.79
1608-RAY-INF	10/24/12	-	-	2.73	<0.500	<0.500	1.59	4.32	4,120	1,210	129	<0.500	<0.500
1608-RAY-INF	11/20/12	-	-	3.35	<0.500	<0.500	1.50	4.85	4,680	1,470	116	<0.500	26.9

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-INF	12/20/12	-	-	3.95	<0.500	<0.500	2.43	6.38	2,940	1,190 QK	84.8	<0.500	16.2
1608-RAY-INF	01/22/13	-	-	2.92	<0.500	<0.500	2.02	4.94	4,770	1,410	132	<0.500	21.6
1608-RAY-INF	02/13/13	-	-	3.73	<0.500	<0.500	1.94	5.67	2,900	2,080 QK	133 QK	<0.500	30.1
1608-RAY-INF	03/26/13	-	-	5.27	<0.500	<0.500	3.37	8.64	3,770	1,760 QK	135 QK	<0.500	30.3
1608-RAY-INF	04/23/13	-	-	3.09	<0.500	<0.500	1.83	4.92	4,630	2,360	94.3	<0.500	21.4
1608-RAY-INF	05/21/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	2,860	1,270 QK	71.6	<0.500	22.3
1608-RAY-INF	06/27/13	-	-	2.59	<0.500	<0.500	1.06	3.65	2,980	801	97.0	<0.500	20.8
1608-RAY-INF	07/25/13	-	-	2.14	<0.500	<0.500	0.760	2.9	5,420	1,520	77.5	<0.500	21.6
1608-RAY-INF	08/22/13	-	-	1.64	<0.500	<0.500	0.660	2.3	7,260	1,030	68.6	<0.500	14.9
1608-RAY-INF	09/20/13	-	-	1.74	<0.500	<0.500	0.620	2.36	7,100	1,580	66.4	<0.500	15.2
1608-RAY-INF	10/23/13	-	-	2.11	<0.500	<0.500	1.05	3.16	2,950	688	68.3	<0.500	14.3
1608-RAY-INF	11/13/13	-	-	1.75	<0.500	<0.500	<1.00	1.75	2,730	660	58.2	<0.500	11.7
1608-RAY-INF	07/25/14	-	-	1.93	<0.500	<0.500	<1.00	1.93	2,340	504	48.1	<0.500	10.4
1608-RAY-INF	08/27/14	-	-	3.23	<0.500	<0.500	1.73	4.96	2,950	991	65.1	<0.500	<0.50
1608-RAY-INF	09/03/14	-	-	0.96	<0.500	<0.500	<1.00	0.96	1,780	268	30.7	<0.500	<0.50
1608-RAY-INF	09/04/14	-	-	1.73	<0.500	<0.500	<1.00	1.73	1,590	433	30.3	<0.500	<0.50
1608-RAY-INF	09/18/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.5	1,680	97.3	42.5	<0.500	9.2
1608-RAY-INF	10/31/14	-	-	0.70	<0.500	<0.500	<1.00	0.700	1,760	149	26.5	<0.500	6.63
1608-RAY-INF	11/25/14	-	-	0.93	<0.500	<0.500	<1.00	0.930	1,270	185	26.3	<0.500	6.62
1608-RAY-INF	12/17/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.5	706	94.4	18.6	<0.500	5.14
1608-RAY-MID1	03/13/06	-	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	-	-	-
1608-RAY-MID1	04/11/06	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	<0.5	33	<0.5	-	<0.5
1608-RAY-MID1	04/20/06	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	<0.5	<10	<0.5	-	<0.5
1608-RAY-MID1	05/12/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	0.1 J	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	06/14/06	-	-	<0.1	<0.1	0.1 J	<0.2	0.1	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	07/18/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	08/10/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	9.2 J	<0.1	<0.1	<0.1
1608-RAY-MID1	09/14/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	43	<0.1	<0.1	<0.1
1608-RAY-MID1	10/19/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	130	<0.1	<0.1	<0.1
1608-RAY-MID1	11/27/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	200	<0.1	<0.1	<0.1
1608-RAY-MID1	12/21/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	01/18/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	02/27/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	16 J	<0.1	<0.1	<0.1

Table 3

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19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-MID1	03/21/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	47	<0.1	<0.1	<0.1
1608-RAY-MID1	04/23/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	05/24/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	06/19/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	07/18/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	08/07/07	-	-	<0.1	<0.1	0.1 J	<0.2	0.1	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	09/10/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	10/10/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5.0	<0.1	<0.1	<0.1
1608-RAY-MID1	11/05/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	12/05/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	5.3 J	<0.1	<0.1	<0.1
1608-RAY-MID1	01/17/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	110	<0.1	<0.1	<0.1
1608-RAY-MID1	02/20/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	400	<0.1	<0.1	<0.1
1608-RAY-MID1	03/20/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	730	<0.1	<0.1	<0.1
1608-RAY-MID1	04/22/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	1,000	<0.1	<0.1	<0.1
1608-RAY-MID1	05/13/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	8.5 J	<0.1	<0.1	<0.1
1608-RAY-MID1	06/19/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	07/22/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	08/13/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5.0	<0.1	<0.1	<0.1
1608-RAY-MID1	09/24/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-MID1	10/16/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	7.8 J	<0.1	<0.1	<0.1
1608-RAY-MID1	11/18/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	31	<0.1	<0.1	<0.1
1608-RAY-MID1	12/16/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	110	<0.1	<0.1	<0.1
1608-RAY-MID1	01/16/09	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	250	<0.1	<0.1	<0.1
1608-RAY-MID1	02/09/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	301	<0.500	<0.500	<0.500
1608-RAY-MID1	03/11/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	1,020	<0.500	<0.500	<0.500
1608-RAY-MID1	04/24/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID1	05/18/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID1	06/15/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID1	07/14/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	08/17/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	09/21/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	10/23/09			<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	11/23/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-MID2	12/17/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	01/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	02/16/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	0.81	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	03/18/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	04/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	05/17/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	06/14/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	07/21/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	08/18/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	09/24/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	10/15/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	11/12/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	12/15/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	01/20/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	02/14/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	03/18/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	04/19/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	05/23/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	06/24/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-MID2	07/19/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-MID2	08/23/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-MID2	09/29/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-MID2	10/20/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-MID2	11/21/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-MID2	12/19/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-MID2	01/26/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-MID2	02/23/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-MID2	03/23/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-MID2	04/26/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	20	<0.50	<0.50	<0.50
1608-RAY-MID2	05/17/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	18.0	<0.500	<0.500	<0.500
1608-RAY-MID2	06/26/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	07/25/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	08/28/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-MID2	09/24/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	10/24/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	11/20/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	12/20/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	01/22/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	02/13/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	03/26/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	04/23/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	3.74	<0.500	<0.500	<0.500
1608-RAY-MID2	05/21/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	225	<0.500	<0.500	<0.500
1608-RAY-MID2	06/27/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	07/25/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	08/22/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	09/20/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	10/23/13	-	-	<0.500	<0.500	<0.500	<1.0	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-MID2	11/13/13	-	-	<0.500	<0.500	<0.500	<1.0	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	11/21/05	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	<0.5	<10	<0.5	-	<0.5
1608-RAY-EFF	01/03/06	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	<0.5	<10	<0.5	-	<0.5
1608-RAY-EFF	03/13/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	03/14/06	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	<0.5	<10	<0.5	-	<0.5
1608-RAY-EFF	04/20/06	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	<0.5	<10	<0.5	-	<0.5
1608-RAY-EFF	05/11/06	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	<0.5	<10	<0.5	-	<0.5
1608-RAY-EFF	05/12/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	06/14/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	07/18/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	08/10/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	09/14/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	10/19/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	0.1 J	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	11/27/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	12/21/06	-	-	<0.1	<0.1	0.2 J	<0.2	0.2	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	01/18/07	-	-	<0.1	<0.1	0.2 J	<0.2	0.2	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	02/27/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	03/21/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	04/23/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-EFF	04/01/07	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	05/24/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	06/19/07	-	-	<0.1	<0.1	0.1 J	<0.2	0.1	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	07/18/07	-	18,200	<0.1	<0.1	0.1 J	<0.2	0.1	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	08/07/07	-	-	<0.1	<0.1	0.3 J	<0.2	0.3	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	09/10/07	-	19,821	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	10/10/07	-	20,749	<0.1	<0.1	0.2 J	<0.2	0.2	<0.1	<5.0	<0.1	<0.1	<0.1
1608-RAY-EFF	11/05/07	-	21,519	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	12/05/07	-	22,400	<0.1	<0.1	0.2 J	<0.2	0.2	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	01/17/08	-	23,600	<0.1	<0.1	0.3 J	<0.1	0.3	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	02/20/08	-	24,700	<0.1	<0.1	0.1 J	<0.2	0.1	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	03/20/08	-	25,700	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	04/22/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	12 J	<0.1	<0.1	<0.1
1608-RAY-EFF	05/06/08	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	05/13/08	-	27,300	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	06/19/08	-	28,400	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	07/22/08	-	29,100	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	08/13/08	-	30,000	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5.0	<0.1	<0.1	<0.1
1608-RAY-EFF	09/24/08	-	31,000	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	10/16/08	-	31,600	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	11/18/08	-	32,500	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	12/16/08	-	33,100	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	01/16/09	-	33,500	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1608-RAY-EFF	02/09/09	-	34,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	03/11/09	-	35,300	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	03/19/09	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	04/24/09	-	36,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	05/15/09												
1608-RAY-EFF	05/18/09	-	37,100	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	06/15/09	-	37,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	07/14/09	-	38,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	08/10/09	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	08/17/09	-	39,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-EFF	09/21/09	-	40,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	10/23/09	-	41,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	11/23/09	-	42,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	12/17/09	-	43,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	01/19/10	-	43,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	19.6	<0.500	<0.500	<0.500
1608-RAY-EFF	02/08/10	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	02/16/10	-	44,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	03/18/10	-	45,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	04/19/10	-	46,300	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	05/17/10	-	47,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	06/14/10	-	47,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	07/21/10	-	48,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	08/18/10	-	49,200	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	09/03/10	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	09/24/10	-	50,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	10/15/10	-	50,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	11/12/10	-	51,100	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	12/15/10	-	51,800	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	01/20/11	-	52,800	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	02/14/11	-	53,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	03/18/11	-	54,300	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	04/19/11	-	55,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	05/23/11	-	56,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	06/24/11	-	57,400	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-EFF	07/19/11	-	58,300	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-EFF	08/23/11	-	59,400	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-EFF	09/27/11	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	09/29/11	-	60,200	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-EFF	10/20/11	-	60,800	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-EFF	11/21/11	-	61,700	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-EFF	12/19/11	-	62,700	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-EFF	01/26/12	-	63,900	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-EFF	02/23/12	-	64,800	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1608-RAY-EFF	03/23/12	-	65,800	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-EFF	04/26/12	-	66,500	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1608-RAY-EFF	05/17/12	-	67,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	06/08/12	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	06/26/12	-	67,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	07/25/12	-	68,200	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	08/28/12	-	68,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	09/24/12	-	69,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	10/24/12	-	69,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	11/20/12	-	69,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	12/20/12	-	70,100	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	01/22/13	-	70,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	02/13/13	-	70,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	03/26/13	-	71,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	04/23/13	-	72,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	05/21/13	-	72,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	06/03/13	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	06/27/13	-	73,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	07/25/13	-	73,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	08/22/13	-	74,300	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	09/20/13	-	74,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	10/23/13	-	75,088	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	11/13/13	-	75,166	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	07/25/14	-	75,178	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	08/06/14	CARBON CHANGE	75,195	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	08/27/14	-	75,196	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	09/04/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1608-RAY-EFF	09/18/14	-	75,331	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	10/31/14	-	75,406	-	-	-	-	-	-	-	-	-	-
1608-RAY-EFF	12/17/14	-	75,586	-	-	-	-	-	-	-	-	-	-
1612-RAY-INF	11/03/05	-	-	<0.5	<0.5	<0.5	<0.5	<2.00	3.8	<10	<0.5	-	<0.5
1612-RAY-INF	03/30/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	3.7	<5	<0.1	<0.1	<0.1
1612-RAY-INF	05/12/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	4.4	<5	<0.1	<0.1	<0.1

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-INF	06/14/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	3.8	<5	<0.1	<0.1	<0.1
1612-RAY-INF	07/18/06	-	-	0.2 J	<0.1	<0.1	<0.2	0.2	4.7	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	08/10/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	6.2	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	09/14/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	5.9	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	10/19/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	5.9	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	11/27/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	5.7	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	12/21/06	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	5.6	<5	0.1 J	<0.1	<0.1
1612-RAY-INF	01/18/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	7.5	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	02/27/07	-	-	0.1 J	<0.1	<0.1	<0.2	0.1	7.4	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	03/21/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	8.1	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	04/23/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	11	<5	0.3 J	<0.1	0.1 J
1612-RAY-INF	05/24/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	9.4	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	06/19/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	9.3	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	07/18/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	10	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	08/07/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	8.8	<5	0.2 J	<0.1	<0.1
1612-RAY-INF	09/10/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	11	<5	0.3 J	<0.1	0.1 J
1612-RAY-INF	10/10/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	13	<5	0.3 J	<0.1	0.1 J
1612-RAY-INF	11/05/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	13	<5	0.4 J	<0.1	0.1 J
1612-RAY-INF	12/05/07	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	16	<5	0.4	<0.1	0.2
1612-RAY-INF	01/17/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	13	<5	0.5 J	<0.1	0.2 J
1612-RAY-INF	02/20/08	-	-	0.1 J	<0.1	<0.1	<0.2	0.1	16	6.2 J	0.5 J	<0.1	0.2 J
1612-RAY-INF	03/20/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	15	<5	0.4 J	<0.1	0.2 J
1612-RAY-INF	04/22/08	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	16	9.5 J	0.5	<0.1	0.2 J
1612-RAY-INF	05/13/08	-	-	0.4 J	<0.1	<0.1	0.1 J	0.5	26	7.7 J	1.1	<0.1	0.3 J
1612-RAY-INF	06/19/08	-	-	0.1 J	<0.1	<0.1	<0.2	0.1	13	<5	0.4 J	<0.1	0.2 J
1612-RAY-INF	07/22/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	15	<5	0.4 J	<0.1	0.2 J
1612-RAY-INF	08/13/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	13	<5.0	0.3 J	<0.1	0.1 J
1612-RAY-INF	09/24/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	19	<5	0.6	<0.1	0.2 J
1612-RAY-INF	10/16/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	19	<5	0.7	<0.1	0.2 J
1612-RAY-INF	11/18/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	21	<5	0.6	<0.1	0.3 J
1612-RAY-INF	12/16/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	21	<5	0.7	<0.1	0.3 J
1612-RAY-INF	01/16/09	-	-	0.2 J	<0.1	<0.1	<0.2	0.2	24	5.8 J	0.8	<0.1	0.3 J
1612-RAY-INF	02/09/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	21.2	<2.50	0.81	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-INF	03/11/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	23.7	7.33	0.64	<0.500	<0.500
1612-RAY-INF	04/24/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	26.2	7.05	0.900	<0.500	<0.500
1612-RAY-INF	05/18/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	50.2	26.6	2.25	<0.500	<0.500
1612-RAY-INF	06/15/09	-	-	<1.00	<1.00	<1.00	<1.00	<4.00	32.6	<5.00	1.14	<1.00	<1.00
1612-RAY-INF	07/14/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	21.7	9.26	0.740	<0.500	<0.500
1612-RAY-INF	08/17/09	-	-	<0.500 AE	<0.500 AE	<0.500 AE	<0.500 AE	<2.00	17.4 AE	<2.50 AE	<0.500 AE	<0.500 AE	<0.500 AE
1612-RAY-INF	09/21/09†	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	25.9	4.14	0.960	<0.500	<0.500
1612-RAY-INF	10/23/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	21.9	5.08	0.94	<0.500	<0.500
1612-RAY-INF	11/23/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	25.0	9.09	1.04	<0.500	<0.500
1612-RAY-INF	12/17/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	23.2	6.05	0.82	<0.500	<0.500
1612-RAY-INF	01/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	12.2	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	02/16/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	13.2	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	03/18/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	19.8	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	04/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	11.0	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	05/17/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	13.8	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	06/14/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	18.7	<2.50	0.610	<0.500	<0.500
1612-RAY-INF	07/21/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	22.2	<2.50	0.790	<0.500	<0.500
1612-RAY-INF	08/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	27.9	7.80	0.920	<0.500	<0.500
1612-RAY-INF	09/24/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	27.7	<2.50	0.890	<0.500	<0.500
1612-RAY-INF	10/15/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	29.0	7.00	0.940	<0.500	<0.500
1612-RAY-INF	11/12/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	36.4	9.42	1.17	<0.500	0.530
1612-RAY-INF	12/15/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	38.2	4.48	1.06	<0.500	<0.500
1612-RAY-INF	01/20/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	28.0	<2.50	0.960	<0.500	<0.500
1612-RAY-INF	02/14/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	24.4	<2.50	0.930	<0.500	<0.500
1612-RAY-INF	03/18/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	26.6	<2.50	1.42	<0.500	<0.500
1612-RAY-INF	04/19/11	-	-	0.620	<0.500	<0.500	<0.500	0.62	67.2	8.68	2.32	<0.500	<0.500
1612-RAY-INF	05/23/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	30.6	<2.50	0.930	<0.500	<0.500
1612-RAY-INF	06/24/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	25.2	<2.50	0.76	<0.50	<0.50
1612-RAY-INF	07/19/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	40.2	<2.50	1.25	<0.50	<0.50
1612-RAY-INF	08/23/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	20.3	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	09/29/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	11.6	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	10/20/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	15.0	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	11/22/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	26.4	<2.50	0.85	<0.50	<0.50

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-INF	12/19/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	17	4.11	<0.50	<0.50	<0.50
1612-RAY-INF	01/26/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	17.6	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	02/23/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	18.4	5.32	0.600	<0.50	<0.50
1612-RAY-INF	03/23/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	15.7	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	04/26/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	18.1	<2.50	<0.50	<0.50	<0.50
1612-RAY-INF	05/17/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	15.2	4.47	<0.500	<0.500	<0.500
1612-RAY-INF	06/26/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	19.0	4.73	<0.500	<0.500	<0.500
1612-RAY-INF	07/25/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	28.7	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	08/28/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	15.4	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	09/24/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	7.65	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	10/24/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	18.8	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	11/20/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	20.1	<2.50	0.620	<0.500	<0.500
1612-RAY-INF	12/20/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	12.6	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	01/22/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	18.1	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	02/13/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	22.9	4.36	<0.500	<0.500	<0.500
1612-RAY-INF	03/26/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	12.9	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	04/23/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	8.25	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	05/21/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	7.43	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	06/27/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	9.48	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	07/25/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	10.4	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	08/22/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	9.77	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	09/20/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	8.86	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	10/23/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	7.96	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	11/13/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	6.24	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	12/06/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	5.27	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	02/27/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	12.9	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	07/25/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	2.48	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	08/27/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	1.79	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	09/18/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	1.72	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	10/31/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	2.06	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	12/18/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	1.83	<2.50	<0.500	<0.500	<0.500
1612-RAY-INF	01/29/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	2.2	<2.50	<0.1	<0.1	<0.1
1612-RAY-INF	02/16/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.8	<2.5	<0.1	<0.1	<0.1

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-INF	03/19/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	3.5	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	04/08/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.2	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	05/20/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	2	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	08/11/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	2	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	11/03/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.4	<2.5	<0.1	<0.1	<0.1
1612-RAY-INF	02/10/16	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	1.7	2.7 J	<0.1	<0.1	<0.1
1612-RAY-MID	06/19/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-MID	07/22/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-MID	08/13/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5.0	<0.1	<0.1	<0.1
1612-RAY-MID	09/24/08	-	-	<0.1	<0.1	0.2 J	<0.2	0.2	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-MID	10/16/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-MID	11/18/08	-	-	<0.1	<0.1	0.2 J	<0.2	0.2	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-MID	12/16/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-MID	01/16/09	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-MID	02/09/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	03/11/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	04/24/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	05/18/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	06/15/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	07/14/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	08/17/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	09/21/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	10/23/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	11/23/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	12/17/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	01/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	02/16/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	03/18/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	04/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	05/17/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	06/14/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	5.54	<0.500	<0.500	<0.500
1612-RAY-MID	07/21/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	08/19/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	6.20	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-MID	09/24/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	10/15/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	11/12/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	12/15/10	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	01/20/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	02/14/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	03/18/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	04/19/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	05/23/11	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	06/24/11	-	-	<0.50	<0.500	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	07/19/11	-	-	<0.50	<0.500	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	08/23/11	-	-	<0.50	<0.500	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	09/29/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	10/20/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	11/22/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	12/19/11	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	01/26/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	02/23/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	03/23/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	04/26/12	-	-	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-MID	05/17/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	06/26/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	07/25/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	08/28/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	09/24/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	10/24/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	11/20/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	12/20/12	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	01/22/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	02/13/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	4.68	<0.500	<0.500	<0.500
1612-RAY-MID	03/26/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	04/23/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	05/21/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-MID	06/27/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	07/25/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	08/22/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	09/20/13	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	10/23/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	11/13/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	12/06/13	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	02/27/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	07/25/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	12/18/14	-	-	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-MID	01/29/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1612-RAY-MID	04/08/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1612-RAY-MID	08/11/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1612-RAY-MID	11/03/15	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1612-RAY-MID	02/10/16	-	-	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1612-RAY-EFF	06/19/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-EFF	07/22/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-EFF	08/13/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5.0	<0.1	<0.1	<0.1
1612-RAY-EFF	09/24/08	-	-	<0.1	<0.1	0.8	<0.2	0.8	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-EFF	10/16/08	-	-	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-EFF	11/18/08	-	-	<0.1	<0.1	0.2 J	<0.2	0.2	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-EFF	12/16/08	-	15,200	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-EFF	01/16/09	-	17,800	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
1612-RAY-EFF	02/09/09	-	19,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	03/11/09	-	21,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	03/19/09	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1612-RAY-EFF	04/24/09	-	24,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	05/18/09	-	26,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	06/15/09	-	28,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	07/14/09	-	31,800	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	08/17/09	-	34,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	09/21/09	-	-	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	10/23/09	-	39,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-EFF	11/23/09	-	41,800	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	12/17/09	-	43,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	01/19/10	-	45,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	02/16/10	-	47,200	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	03/18/10	-	49,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	04/19/10	-	52,300	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	05/17/10	-	53,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	06/14/10	-	54,800	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	07/21/10	-	63,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	08/19/10	-	64,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	09/03/10	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1612-RAY-EFF	09/24/10	-	65,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	10/15/10	-	66,300	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	11/12/10	-	66,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	12/15/10	-	67,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	01/20/11	-	68,800	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	02/14/11	-	69,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	03/18/11	-	70,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	04/19/11	-	71,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	05/23/11	-	73,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	06/24/11	-	74,400	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	07/19/11	-	76,300	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	08/23/11	-	78,100	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	09/27/11	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1612-RAY-EFF	09/29/11	-	79,600	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	10/20/11	-	80,400	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	11/22/11	-	81,800	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	12/19/11	-	82,700	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	01/26/12	-	84,300	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	02/23/12	-	85,400	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	03/23/12	-	86,500	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	04/26/12	-	87,600	<0.50	<0.50	<0.50	<0.50	<2.00	<0.50	<2.50	<0.50	<0.50	<0.50
1612-RAY-EFF	05/17/12	-	88,400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-EFF	06/26/12	-	89,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	07/25/12	-	91,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	08/28/12	-	92,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	09/24/12	-	93,200	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	10/24/12	-	94,200	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	11/20/12	-	95,200	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	12/20/12	-	96400	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	01/22/13	-	97,700	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	02/13/13	-	98,600	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	03/13/13	CARBON CHANGE	-	-	-	-	-	-	-	-	-	-	-
1612-RAY-EFF	03/26/13	-	100,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	04/23/13	-	101,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	05/21/13	-	102,900	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	06/27/13	-	104,500	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	07/25/13	-	106,000	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	08/22/13	-	107,200	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	09/20/13	-	108,300	<0.500	<0.500	<0.500	<0.500	<2.00	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	10/23/13	-	109,336	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	11/13/13	-	110,043	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	12/06/13	-	110,861	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	02/27/14	-	111,131	<0.500	<0.500	<0.500	<1.00	<2.500	2.22	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	03/18/14	CARBON CHANGE	111,100	-	-	-	-	-	-	-	-	-	-
1612-RAY-EFF	07/25/14	-	112,038	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	08/27/14	-	114,034	-	-	-	-	-	-	-	-	-	-
1612-RAY-EFF	09/18/14	-	115,135	-	-	-	-	-	-	-	-	-	-
1612-RAY-EFF	10/31/14	-	117,142	-	-	-	-	-	-	-	-	-	-
1612-RAY-EFF	12/18/14	-	118,847	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1612-RAY-EFF	01/29/15	-	120,174	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1612-RAY-EFF	02/16/15	-	120,555	-	-	-	-	-	-	-	-	-	-
1612-RAY-EFF	03/19/15	-	121,323	-	-	-	-	-	-	-	-	-	-
1612-RAY-EFF	04/08/15	-	122,123	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1612-RAY-EFF	08/11/15	-	126,706	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1
1612-RAY-EFF	11/03/15	-	130,842	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1

Table 3

HISTORICAL POET SYSTEM DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	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)	Tert-amyl methyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Diisopropyl ether (µg/L)
GW Clean-up Standards*				**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**NA**	**NA**	**NA**	**NA**
1612-RAY-EFF	02/10/16	-	137,581	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<2.5	<0.1	<0.1	<0.1

Note: In December 2014, 1608 Rayville Road was converted to recovery well RW-4.
* GW Cleanup 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 per liter
NA = Not Applicable / Not Available
J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value
AE = LCS did not run due to autosampler error. Data accepted based on acceptable check standard QC.
QK = This result was above the calibration range; therefore it is an estimated value.
MTBE = Methyl-tertiary butyl-ether
INF = Influent sample location
MID = Midfluent sample location
MID1 = First midfluent sample location of a POET system with three carbon vessels.
MID2 = Second midfluent sample location of a POET system with three carbon vessels.
EFF = Effluent sample location
RAY = Rayville Road

Table 4

MONITORING WELL CONSTRUCTION DETAILS

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Well Install Date	Well Diameter/ Material (Inches-PVC/Open)	Total Depth Of Well from Ground Surface (ft)	Depth to T.O.S. from Ground Surface (ft)	Depth to B.O.S. from Ground Surface (ft)	Drilling method	Depth to Bedrock (ft)	Depth of Potential Water-Bearing Zones (ft)[1]	Initial Water Depth (ft)*	Geophysics (Y/N)	Packer Testing (Y/N)	Comments
MW-1	08/09/05	2-PVC	62	37	62	Air Rotary	33	47, 52-54	41.25	N	N	
MW-2	08/10/05	2-PVC	62	40	60	Air Rotary	34	43, 47-49, 54	42.66	N	N	
MW-3	08/09/05	2-PVC	62	42	62	Air Rotary	32	52, 57	41.35	N	N	
MW-3S	08/30/06	2-PVC	30	5	30	Air Rotary	28	NE****	Dry	N	N	Abandoned 01/23/08
MW-4	11/09/05	2-PVC	61	40	60	Air Rotary	36	42-44, 46-47	40.79	N	N	
MW-5	11/09/05	2-PVC	51	30.5	50.5	Air Rotary	18	33.5, 36-37,39	40.75	N	N	
MW-5B	07/02/08	6- OPEN **	100	70	100	Air Rotary	20	51, 64, 80, 89, 92, 95	Dry	N	N	
MW-6	11/10/05	2-PVC	62	40.5	60.5	Air Rotary	24	50-52, 54	43.74	N	N	
MW-7A	08/29/06	6-OPEN**	65	40	65	Air Rotary	37	46-51, 55-56, 60-62	44.47	Y	Y	Geophysics 46, 51
MW-7B	08/31/06	6-OPEN**	120^	70	120	Air Rotary	38	101, 216	>200	Y	Y	Reconstructed July-08
MW-8A	08/29/06	6-OPEN**	65	40	65	Air Rotary	48	48-53, 60-62	41.94	Y	Y	Geophysics 48, 53, 62
MW-8B	08/29/06	6-OPEN**	100	73.5	100	Air Rotary	48	85, 94	95.78	Y	Y	Geophysics 85, 94
MW-9A	08/30/06	6-OPEN**	62	40	65	Air Rotary	33	40-51, 56-58	41.04	Y	Y	Geophysics 51, 56
MW-9B	08/30/06	6-OPEN**	120^	72	120	Air Rotary	33	99, 141, 186-190, 220	>200	Y	Y	Geophysics 99, 141, 186, 220
MW-10A	05/08/07	6-OPEN**	62	40	62	Air Rotary	36	60-61	35.77	N	N	
MW-10B	05/08/07	6-OPEN**	100	70	100	Air Rotary	38	NE****	89	N	N	
MW-11A	06/26/08	6-OPEN**	60	40	60	Air Rotary	30	NE****	44.53	N	N	
MW-11B	06/26/08	6-OPEN**	100	70	100	Air Rotary	30	80, 85, 90	41.6	N	N	
MW-12B	07/02/08	6-OPEN**	100	70	100	Air Rotary	31	64	>75	N	N	
MW-13A	07/01/08	6-OPEN**	60	40	60	Air Rotary	38	50, 53	41.5	N	N	
MW-13B	07/01/08	6-OPEN**	100	70	100	Air Rotary	38	50, 53, 72, 80, 90	>75	N	N	
MW-14A	06/27/08	6-OPEN**	60	40	60	Air Rotary	38	54, 57, 60	41.18	N	N	
MW-14B	06/27/08	6-OPEN**	100	70	100	Air Rotary	38	54, 57, 60, 78, 81, 89	>75	N	N	
MW-15	05/12/10	6-OPEN**	120	40.5	120	Air Rotary	28	54, 57, 77, 85	54	Y	N	Geophysics 55-60
MW-16A	05/17/10	6-OPEN**	65	40.5	65	Air Rotary	34	49-50, 55, 58-59	49	N	N	
MW-16B	05/18/10	6-OPEN**	120	70.5	120	Air Rotary	32	54.5, 56, 75, 112-113	75	N	N	
MW-17A	05/14/10	6-OPEN**	65	40.5	65	Air Rotary	27	55, 57, 63.5	55	N	N	
MW-17B	05/17/10	6-OPEN**	120	70.5	120	Air Rotary	26	55, 62, 64.5, 69.5, 87	87	N	N	
MW-18A	05/13/10	6-OPEN**	65	40.5	65	Air Rotary	25	51-52, 54-55, 63.5	51	N	N	
MW-18B	05/14/10	6-OPEN**	120	70.5	120	Air Rotary	25.5	48, 50.5, 53, 57.5, 66-69, 85, 103, 109, 112	90	N	N	
MW-19A	06/13/11	6-OPEN**	55	31	55	Air Rotary	17.5	31, 41, 45, 48, 51	NA	N	N	
MW-19B	06/10/11	6-OPEN**	120	70	120	Air Rotary	19	87, 91, 95	NA	N	N	
MW-20A	06/10/11	6-OPEN**	55	31	55	Air Rotary	25	45, 48	NA	N	N	
MW-20B	06/09/11	6-OPEN**	120	70	120	Air Rotary	22	74, 76, 114	NA	N	N	
RW-1	05/20/10	6-OPEN**	120	40.5	120	Air Rotary	23	44-47, 106	NO	N	N	

Table 4

MONITORING WELL CONSTRUCTION DETAILS

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Well Install Date	Well Diameter/ Material (Inches-PVC/Open)	Total Depth Of Well from Ground Surface (ft)	Depth to T.O.S. from Ground Surface (ft)	Depth to B.O.S. from Ground Surface (ft)	Drilling method	Depth to Bedrock (ft)	Depth of Potential Water-Bearing Zones (ft)[1]	Initial Water Depth (ft)*	Geophysics (Y/N)	Packer Testing (Y/N)	Comments
RW-2	05/19/10	6-OPEN**	120	40.5	120	Air Rotary	29	43-47, 86-87, 100.5-101.5	NO	N	N	
RW-3	05/20/10	6-OPEN**	120	40.5	120	Air Rotary	25	46-48, 61-62.5, 72.5, 91	47	N	N	
RW-4***	NA	6-OPEN**	84.7	44	84.7	NA	NA	45, 60, 66	NA	Y	N	Geophysics 45, 60, 66
MW-21	11/9/11	2	45	20	45	Air Rotary	15	NE****	33	N	N	
MW-22	11/9/11	2	45	20	45	Air Rotary	15	NE****	37	N	N	
MW-23	1/10/11	4	60	20	60	Air Rotary	20	NE****	41	N	N	
MW-24B	11/9/11	6-OPEN**	120	60	120	Air Rotary	20	60	96	N	N	
MW-25B	1/10/11	6-OPEN**	120	60	120	Air Rotary	20	60	>100	N	N	
1608R	5/7/13	8-OPEN**	402	82.26	402	Air Rotary	79.26	NE****	NO	N	N	
1606 Rayville	NA	6-OPEN**	135.7	27	135.7	NA	NA	43, 59, 62, 74, 98, 113	NA	Y	N	Geophysics 43, 59, 62, 74, 98, 113
1612 Rayville	NA	6-OPEN**	114	23	114	NA	NA	63, 70, 83, 96, 101	NA	Y	N	Geophysics 63, 70, 83, 96, 101

* = Depth to water measured during first sampling event
** = Steel casing grouted to open hole depth
*** = The well at 1608 Rayville Road is a former potable well location and will be now referred to as RW-4
^ = Well reconstruction completed on 07/03/08
1 = Water-bearing zones determined by field observations during well installation and/or down-hole geophysics (see comments column for depths by geophysics)
B.O.S. = Bottom of Screen (or open borehole)
ft = Feet
N = No
NA = Not Available
NE **** = None Encountered
NO = Not Observed
NAVD 88 = Maryland State Coordinate System, National Aerial Vertical Data 1988.
T.O.S. = Top of Screen (or open borehole)
Y = Yes

Table 5

MONITORING WELL SAMPLING METHODS

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Well Diameter (in)	Top of Screen Interval (fbg)	Depth of Well Drilled (fbg)	Sample Method & Expected Sample Interval
MW-1	2	37	62	Purge & Grab sample
MW-2	2	40	60	Purge & Grab sample
MW-3	2	42	62	Purge & Grab sample
MW-4	2	40	60	Purge & Grab sample
MW-5	4	30.5	50.5	Purge & Grab sample
MW-5B	6	70	100	Purge & Grab sample
MW-6	2	40.5	60.5	Purge & Grab sample
MW-7A	6	40	65	Purge & Grab sample
MW-7B	6	70	120	LF Interval (95-100')
MW-8A	6	40	65	Purge & Grab sample
MW-8B	6	73.5	100	LF Interval (90-95')
MW-9A	6	40	65	LF Interval (55-60')
MW-9B	6	72	120	LF Interval (95-100')
MW-10A	6	40	62	Purge & Grab sample
MW-10B	6	70	100	LF Interval (90-95')
MW-11A	6	40	60	LF Interval (50-55')
MW-11B	6	70	100	LF Interval (85-90')
MW-12B	6	70	100	LF Interval (90-95')
MW-13A	6	40	60	LF Interval (50-55')
MW-13B	6	70	100	LF Interval (85-90')
MW-14A	6	40	60	Purge & Grab sample
MW-14B	6	70	100	LF Interval (85-90')
MW-15	6	40.5	120	LF Interval (80-85')
MW-16A	6	40.5	65	Purge & Grab sample
MW-16B	6	70.5	120	LF Interval (110-115')
MW-17A	6	40.5	65	LF Interval (55-60')
MW-17B	6	70.5	120	LF Interval (85-90')
MW-18A	6	40.5	65	Purge & Grab sample
MW-18B	6	70.5	120	LF Interval (100-110')
MW-19A	6	31	55	LF Interval (40-50')
MW-19B	6	70	120	LF Interval (105-115')
MW-20A	6	31	55	LF Interval (40-50')
MW-20B	6	70	120	LF Interval (105-115')
RW-1	6	40.5	120	Purge & Grab sample
RW-2	6	40.5	120	Purge & Grab sample
RW-3	6	40.5	120	Purge & Grab sample
RW-4	6			Purge & Grab sample
MW-21	2	20	45	Purge & Grab sample
MW-22	2	20	45	Purge & Grab sample
MW-23	4	20	60	Purge & Grab sample
MW-24B	6	60	120	Purge & Grab sample
MW-25B	6	60	120	Purge & Grab sample
MW-1608R	8	82.26	402	Grab sample

' = feet
fbg = feet below grade
in = inches
LF = Low Flow

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
INFLUENT	11/30/2011	0.62	<0.5	<0.5	<1	1	2,180	<0.5	1,120	<0.5	15.5	64.1	138	<150
INFLUENT	12/02/2011	0.56	<0.5	<0.5	1.22	1.8	1,410	<0.5	1,040	<0.5	6.26	28.9	492	<152
INFLUENT	12/09/2011	0.7	<0.5	<0.5	<1	1	1,570	<0.5	956	<0.5	8.33	41	628	<150
INFLUENT	12/13/2011	<0.5	<0.5	<0.5	<1	<3	1,870	<0.5	966	<0.5	10.4	49.1	589	<150
INFLUENT	12/15/2011	0.52	<0.5	<0.5	<1	1	1,460	<0.5	1,000	<0.5	9.63	26.6	577	<150
INFLUENT	12/19/2011	<0.5	<0.5	<0.5	<1	<3	1,440	<0.5	1,040	<0.5	9.79	25.3	635	<152
INFLUENT	12/22/2011	<0.5	<0.5	<0.5	<1	<3	1,160	<0.5	791	<0.5	8.87	22	621	<151
INFLUENT	12/29/2011	<1	<1	<1	<1	<4	3,040	<1	1,900	<1	11.3	21.8	395	<153
INFLUENT	01/03/2012	<0.5	<0.5	<0.5	<1	<3	1,100	<0.5	599	<0.5	7.15	17 12G	453	<152
INFLUENT	01/09/2012	<0.5	<0.5	<0.5	<1	<3	978	<0.5	561	<0.5	6.32	16.4	476	<150
INFLUENT	01/16/2012	<0.5	<0.5	<0.5	<1	<3	816	<0.5	592	<0.5	8.2	15.7	465	<152
INFLUENT	01/24/2012	<0.5	<0.5	<0.5	<1	<3	1,050	<0.5	411	<0.5	6.44	15.5 12G	645	<152
INFLUENT	01/31/2012	<0.5	<0.5	<0.5	<1	<3	840	<0.5	383	<0.5	6.1	19.6	619	<152
INFLUENT	02/08/2012	<0.5	<0.5	<0.5	<1	<3	642	<0.5	178	<0.5	3.72	18.8	441	<151
INFLUENT	02/15/2012	<0.5	<0.5	<0.5	<1	<3	848	<0.5	148	<0.5	3.54	17.9	484	<151
INFLUENT	02/22/2012	<0.5	<0.5	<0.5	<1	<3	824	<0.5	141 VH	<0.5	4.99	17.6	406	<153
INFLUENT	02/27/2012	<0.5	<0.5	<0.5	<1	<3	872	<0.5	172	<0.5	6.81	23.5	442	<152
INFLUENT	03/07/2012	<0.5	<0.5	<0.5	<1	<3	1,040	<0.5	162	<0.5	5.41	20.6	412	<154
INFLUENT	03/27/2012	<0.5	<0.5	<0.5	<1	<3	340 QK	<0.5	87.4	<0.5	4.63	6.16	148	<150
INFLUENT	04/06/2012	<0.500	<0.500	<0.500	<1.00	<2.50	451 QK	<0.500	138 VH	<0.500	6.62	13.8	166	<153
INFLUENT	04/16/2012	<0.5	<0.5	<0.5	<1	<3	412	<0.5	59	<0.5	4.05	8.59	204	<152
INFLUENT	05/01/2012	<0.5	<0.5	<0.5	<1	<3	363	<0.5	126	<0.5	3.47	9.5	234	<151
INFLUENT	05/15/2012	<0.5	<0.5	<0.5	<1	<3	366	<0.5	59.9 VH	<0.5	2.78	8.14	<100	<153
INFLUENT	06/05/2012	<0.5	<0.5	<0.5	<1	<3	580	<0.5	80.3	<0.5	2.28	8.51	161	<152
INFLUENT	06/19/2012	<0.5	<0.5	<0.5	<1	<3	254 QK	<0.5	25.1	<0.5	2.28	6.06	112	258
INFLUENT	07/12/2012	<0.5	<0.5	<0.5	<1	<3	530	<0.5	100	<0.5	2.83	8.9	<100	<153
INFLUENT	07/25/2012	<0.5	<0.5	<0.5	<1	<3	706	<0.5	223	<0.5	4.54	10.7	<100	<152

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
INFLUENT	08/08/2012	<0.5	<0.5	<0.5	<1	<3	370	<0.5	115	<0.5	3.32	8.3	<100	<153
INFLUENT	08/24/2012	<0.500	<0.500	<0.500	<1.00	<2.50	1,040	<0.500	56.2	<0.500	2.83	7.44	<100	<152
INFLUENT	09/04/2012	<0.5	<0.5	<0.5	<1	<3	1,380	<0.5	89.9	<0.5	5.19	13.2	<100	<152
INFLUENT	09/26/2012	<0.5	<0.5	<0.5	<1	<3	205 QK	<0.5	16.2	<0.5	<0.5	4.25	<100	<153
INFLUENT	10/05/2012	<0.500	<0.500	<0.500	<1.00	<2.50	227 QK	<0.500	27.6	<0.500	1.53 VH	6.68	<100	<152
INFLUENT	10/25/2012	<0.5	<0.5	<0.5	<1	<3	439	<0.5	152	<0.5	4.62	11.2	<100	<152
INFLUENT	11/06/2012	<0.5	<0.5	<0.5	<1	<3	496	<0.5	130	<0.5	3.73	9.28	<100	<153
INFLUENT	11/29/2012	<0.5	<0.5	<0.5	<1	<3	49.6	<0.5	7.55	<0.5	<0.5	0.62 VH	<100	<153
INFLUENT	12/12/2012	<0.5	<0.5	<0.5	<1	<3	92.9	<0.5	10.4	<0.5	<0.5	1.98	<100	<150
INFLUENT	12/20/2012	<0.5	<0.5	<0.5	<1	<3	110 QK	<0.5	9.22	<0.5	0.94 VH	2.56	<100	<153
INFLUENT	01/04/2013	<0.5	<0.5	<0.5	<1	<3	261	<0.5	35.5	<0.5	2.01	5.4	<100	<153
INFLUENT	01/22/2013	<0.5	<0.5	<0.5	<1	<3	226	<0.5	30.4	<0.5	<0.5	4.4	<100	<154
INFLUENT	02/07/2013	<0.5	<0.5	<0.5	<1	<3	252	<0.5	34.4	<0.5	2.42	6.21	<100	<153
INFLUENT	02/26/2013	<0.5	<0.5	<0.5	<1	<3	106 QK	<0.5	11.4	<0.5	<0.5	2.3	<100	<152
INFLUENT	03/07/2013	<0.5	<0.5	<0.5	<1	<3	109 QK	<0.5	9.3	<0.5	<0.5	2.39	<100	<152
INFLUENT	03/21/2013	<0.5	<0.5	<0.5	<1	<3	104 QK	<0.5	17.7	<0.5	<0.5	2.2	129	<150
INFLUENT	04/02/2013	<0.5	<0.5	<0.5	<1	<3	22	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
INFLUENT	04/18/2013	<0.5	<0.5	<0.5	<1	<3	82	<0.5	10.8	<0.5	0.67	1.77	140	<152
INFLUENT	05/07/2013	<0.5	<0.5	<0.5	<1	<3	39.2	<0.5	7.68	<0.5	<0.5	<0.5	<100	<153
INFLUENT	05/23/2013	<0.5	<0.5	<0.5	<1	<3	84.4	<0.5	16.8	<0.5	<0.5	1.68	171	<153
INFLUENT	06/03/2013	<0.5	<0.5	<0.5	<1	<3	191	<0.5	89.3	<0.5	1.32	4.27	292	<153
INFLUENT	06/19/2013	<0.5	<0.5	<0.5	<1	<3	73.3	<0.5	<2.5	<0.5	<0.5	1.51	136	<152
INFLUENT	07/12/2013	<0.5	<0.5	<0.5	<1	<3	60.3	<0.5	5.76	<0.5	0.59	1.03	<100	<152
INFLUENT	07/26/2013	<0.5	<0.5	<0.5	<1	<3	210	<0.5	20.9	<0.5	0.86	1.31	<100	<150
INFLUENT	08/06/2013	<0.5	<0.5	<0.5	<1	<2.50	92.9	<0.5	11.8	<0.5	0.77	1.19	102	90.7 J
INFLUENT	08/19/2013	<0.5	<0.5	<0.5	<1	<2.50	70.3	<0.5	9.94	<0.5	0.66	1.06	97.2 J	53.5 J
INFLUENT	09/05/2013	<0.5	<0.5	<0.5	<1	<2.5	78.1	<0.5	8.1	<0.5	0.61	1.2	85.6 J	<27.1

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
INFLUENT	09/19/2013	<0.5	<0.5	<0.5	<1	<2.5	208	<0.5	29	<0.5	0.74	1.5	144	<27.4
INFLUENT	10/08/2013	<0.5	<0.5	<0.5	<1	<2.5	55.8	<0.5	9.11	<0.5	0.51	1.14	91.8 J	102 J
INFLUENT	11/04/2013	<0.5	<0.5	<0.5	<1	<2.5	58.1	<0.5	8.68	<0.5	<0.5	1.06	69.3 J	169
INFLUENT	12/06/2013	<0.5	<0.5	<0.5	<1	<2.5	55.4	<0.5	6.2	<0.5	<0.5	0.95	70.7 J	<27.7
INFLUENT	01/06/2014	<0.5	<0.5	<0.5	<1	<2.5	54.4	<0.5	7.86	<0.5	<0.5	0.92	62.4 J	<27.7
INFLUENT	01/23/2014	<0.5	<0.5	<0.5	<1	<2.5	142	<0.5	23.8	<0.5	1.28	2.47	214	<27.1
INFLUENT	02/11/2014	<0.5	<0.5	<0.5	<1	<2.5	88.6	<0.5	16	<0.5	0.94	1.66	254	<27.4
INFLUENT	02/26/2014	<0.5	<0.5	<0.5	<1	<2.5	85.2	<0.5	3.11	<0.5	0.81	1.52	145	<27.4
INFLUENT	03/11/2014	<0.5	<0.5	<0.5	<1	<2.5	79.2	<0.5	59.5	<0.5	0.73	1.49	173	263
INFLUENT	03/21/2014	<0.5	<0.5	<0.5	<1	<2.5	65.2	<0.5	<2.5	<0.5	0.69	1.09	<13	<23.2
INFLUENT	04/04/2014	<0.5	<0.5	<0.5	<1	<2.5	27.6	<0.5	3.85	<0.5	0.54	0.56	73.8	49.6
INFLUENT	04/21/2014	<0.5	<0.5	<0.5	<1	<2.5	49.9	<0.5	<2.5	<0.5	0.53	0.8	70.4 J	<23.2
INFLUENT	05/06/2014	<0.5	<0.5	<0.5	<1	<2.5	12.5	<0.5	<2.5	<0.5	<0.5	<0.5	23.6 J	<23.4
INFLUENT	05/22/2014	<0.5	<0.5	<0.5	<1	<2.5	30.4	<0.5	<2.5	<0.5	<0.5	0.59	40.9 J	<23.2
INFLUENT	06/09/2014	<0.5	<0.5	<0.5	<1	<2.5	9.32	<0.5	<2.5	<0.5	<0.5	<0.5	16.3 J	25.8 J
INFLUENT	06/23/2014	<0.5	<0.5	<0.5	<1	<2.5	38.4	<0.5	<2.5	<0.5	<0.5	0.67	57.1 J	<23.4
INFLUENT	07/10/2014	<0.5	<0.5	<0.5	<1	<2.5	11.8	<0.5	<2.5	<0.5	<0.5	<0.5	21.2 J	35.3 J
INFLUENT	02/02/2015	<1.0	<1.0	<1.0	<1.0	<4.0	1,300	<2.0	270	<1.0	5.5	25	1,200	72 J
INFLUENT	03/02/2015	<1.0	<1.0	<1.0	<1.0	<4.0	1,400	<2.0	340	<1.0	6	30	1,200	<45
INFLUENT	04/08/2015	<1.0	<1.0	<1.0	<1.0	<4.0	490	<2.0	100 J	<1.0	2.6 J	11	640	<45
INFLUENT	05/01/2015	0.1 J	<0.1	<0.1	<0.1	0.1	690	<0.2	90	0.1 J	3.8	17	540	<45
INFLUENT	06/04/2015	<1.0	<1.0	<1.0	<1.0	<4.0	510	<2.0	49 J	<1.0	2.4 J	7.5	470	<45
INFLUENT	07/10/2015	<0.2	<0.2	<0.2	<0.2	<0.8	93	<0.4	7.4 J	<0.2	0.8 J	2.4	120	60 J
INFLUENT	08/03/2015	<1	<1	<1	<1	<4	310	<2	33 J	<1	1.7 J	6.9	330	<45
INFLUENT	09/01/2015	<0.1	<0.1	<0.1	<0.1	<0.4	170	<0.2	4.5 J	<0.1	1.1	3.4	180	<45
INFLUENT	10/06/2015	<0.1	<0.1	<0.1	<0.1	<0.4	250	<0.2	18 J	<0.1	1.6	5.3	240	<45
INFLUENT	11/03/2015	<0.1	<0.1	<0.1	<0.1	<0.4	130	<0.2	9 J	<0.1	0.9	3.1	150	<45

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
INFLUENT	12/08/2015	<0.5	<0.5	<0.5	<0.5	<2	140	<1	<13	<0.5	0.9 J	2.7	140	<45
INFLUENT	01/04/2016	<0.1	<0.1	<0.1	<0.1	<0.4	91	<0.2	3.7 J	<0.1	0.7	1.9	110	<45
INFLUENT	02/08/2016	<0.1	<0.1	<0.1	<0.1	<0.4	66	<0.2	4.4 J	<0.1	0.6	1.3	85	<45
INFLUENT	03/04/2016	<0.1	<0.1	<0.1	<0.1	<0.4	120	<0.2	9.8 J	<0.1	0.9	2.7	130	<45
MID1	11/30/2011	<0.5	<0.5	<0.5	<1	<3	15.8	<0.5	1,130	<0.5	<0.5	<0.5	<100	<150
MID1	12/02/2011	<0.5	<0.5	<0.5	<1	<3	38.2	<0.5	959	<0.5	<0.5	<0.5	<100	<152
MID1	12/09/2011	<0.5	<0.5	<0.5	<1	<3	22	<0.5	2,740	<0.5	<0.5	<0.5	<100	<150
MID1	12/13/2011	<0.5	<0.5	<0.5	<1	<3	34.2	<0.5	1,170	<0.5	<0.5	0.61	<100	<150
MID1	12/15/2011	<0.5	<0.5	<0.5	<1	<3	21.7	<0.5	1,450	<0.5	<0.5	<0.5	<100	<152
MID1	12/19/2011	<0.5	<0.5	<0.5	<1	<3	5.63	<0.5	2,280	<0.5	<0.5	<0.5	<100	<153
MID1	12/22/2011	<0.5	<0.5	<0.5	<1	<3	5.08	<0.5	598	<0.5	<0.5	<0.5	<100	<152
MID1	12/29/2011	<1	<1	<1	<1	<4	35.5	<1	594	<1	<1	<1	<100	<155
MID1	01/03/2012	<0.5	<0.5	<0.5	<1	<3	9.5	<0.5	559	<0.5	<0.5	<0.5	<100	<153
MID1	01/09/2012	<0.5	<0.5	<0.5	<1	<3	16.8	<0.5	546	<0.5	-	<0.5	<100	<150
MID1	01/16/2012	<0.5	<0.5	<0.5	<1	<3	7.13	<0.5	529	<0.5	<0.5	<0.5	<100	<152
MID1	01/24/2012	<0.5	<0.5	<0.5	<1	<3	15.3	<0.5	465	<0.5	<0.5	<0.5	<100	<152
MID1	01/31/2012	<0.5	<0.5	<0.5	<1	<3	8.45	<0.5	310	<0.5	<0.5	<0.5	<100	<152
MID1	02/08/2012	<0.5	<0.5	<0.5	<1	<3	1.09	<0.5	163	<0.5	<0.5	<0.5	<100	<153
MID1	02/15/2012	<0.5	<0.5	<0.5	<1	<3	1.51	<0.5	164	<0.5	<0.5	<0.5	<100	<151
MID1	02/22/2012	<0.5	<0.5	<0.5	<1	<3	2.3	<0.5	131 VH	<0.5	<0.5	<0.5	<100	<152
MID1	02/27/2012	<0.5	<0.5	<0.5	<1	<3	3.96	<0.5	59.3	<0.5	<0.5	<0.5	<100	<151
MID1	03/07/2012	<0.5	<0.5	<0.5	<1	<3	2.8	<0.5	153	<0.5	<0.5	<0.5	<100	<152
MID1	03/27/2012	<0.5	<0.5	<0.5	<1	<3	0.64	<0.5	87.6	<0.5	<0.5	<0.5	<100	<150
MID1	04/06/2012	<0.500	<0.500	<0.500	<1.00	<2.50	0.790	<0.500	159 VH	<0.500	<0.500	<0.500	<100	<155
MID1	04/16/2012	<0.5	<0.5	<0.5	<1	<3	1.7	<0.5	41.3	<0.5	<0.5	<0.5	<100	<150
MID1	05/01/2012	<0.5	<0.5	<0.5	<1	<3	0.8	<0.5	95.8	<0.5	<0.5	<0.5	<100	<152
MID1	05/15/2012	<0.5	<0.5	<0.5	<1	<3	0.58	<0.5	40.6 VH	<0.5	<0.5	<0.5	<100	<153

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
MID1	06/05/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	74.7	<0.5	<0.5	<0.5	<100	<152
MID1	06/19/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<156
MID1	07/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	59.5	<0.5	<0.5	<0.5	<100	<153
MID1	07/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	133	<0.5	<0.5	<0.5	<100	<152
MID1	08/08/2012	<0.5	<0.5	<0.5	<1	<3	0.73	<0.5	86.6	<0.5	<0.5	<0.5	<100	<152
MID1	08/24/2012	<0.500	<0.500	<0.500	<1.00	<2.50	1.18	<0.500	28.2	<0.500	<0.500	<0.500	<100	<154
MID1	09/04/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	29	<0.5	<0.5	<0.5	<100	<152
MID1	09/26/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	210
MID1	10/05/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	12.1	<0.500	<0.500	<0.500	<100	<153
MID1	10/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	42.2	<0.5	<0.5	<0.5	<100	<152
MID1	11/06/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	102	<0.5	<0.5	<0.5	<100	<152
MID1	11/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID1	12/12/2012	<0.5	<0.5	<0.5	<1	<3	1.66	<0.5	16.4	<0.5	<0.5	<0.5	<100	<152
MID1	12/20/2012	<0.5	<0.5	<0.5	<1	<3	1.27	<0.5	7.25	<0.5	<0.5	<0.5	<100	<153
MID1	01/04/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	13.1	<0.5	<0.5	<0.5	<100	<152
MID1	01/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	29.1	<0.5	<0.5	<0.5	<100	<152
MID1	02/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	26.2	<0.5	<0.5	<0.5	<100	<153
MID1	02/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	5.73	<0.5	<0.5	<0.5	<100	<150
MID1	03/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	4.67	<0.5	<0.5	<0.5	<100	<152
MID1	03/21/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	10	<0.5	<0.5	<0.5	<100	<152
MID1	04/02/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID1	04/18/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID1	05/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	3.64	<0.5	<0.5	<0.5	<100	<152
MID1	05/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	7.44	<0.5	<0.5	<0.5	<100	<152
MID1	06/03/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	62.3	<0.5	<0.5	<0.5	<100	<152
MID1	06/19/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID1	07/12/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
MID1	07/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID1	08/06/2013	<0.5	<0.5	<0.5	<1	<2.50	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	132 J
MID1	08/19/2013	<0.5	<0.5	<0.5	<1	<2.50	<0.5	<0.5	3.65	<0.5	<0.5	<0.5	<9.35	280
MID1	09/05/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	3.75	<0.5	<0.5	<0.5	<9.35	<27.4
MID1	09/19/2013	<0.5	<0.5	<0.5	<1	<2.5	1.62	<0.5	3.96	<0.5	<0.5	<0.5	<9.35	335
MID1	10/08/2013	<0.5	<0.5	<0.5	<1	<2.5	1.69	<0.5	4.01	<0.5	<0.5	<0.5	<9.35	87.2 J
MID1	11/04/2013	<0.5	<0.5	<0.5	<1	<2.5	1.13	<0.5	3.61	<0.5	<0.5	<0.5	10.5 J	150 J
MID1	12/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
MID1	01/06/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	3.36	<0.5	<0.5	<0.5	<9.35	<27.4
MID1	02/26/2014	<0.5	<0.5	<0.5	<1	<2.5	0.63	<0.5	3.03	<0.5	<0.5	<0.5	<9.35	<27.1
MID1	03/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.4
MID1	04/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	2.67	<0.5	<0.5	<0.5	<13	33.0 J
MID1	05/22/2014	<0.5	<0.5	<0.5	<1	<2.5	0.57	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.2
MID1	06/23/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.4
MID1	02/02/2015	<0.1	<0.1	<0.1	<0.1	<0.4	6.5	<0.2	270	<0.1	<0.1	<0.1	210	<45
MID1	03/02/2015	<0.1	<0.1	<0.1	<0.1	<0.4	23	<0.2	330	<0.1	<0.1	0.3 J	28 J	<45
MID1	04/08/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.4 J	<0.2	65	<0.1	<0.1	<0.1	<20	<45
MID1	05/01/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.2	71	<0.1	<0.1	<0.1	<20	<45
MID1	06/04/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.9	<0.2	23 J	<0.1	<0.1	<0.1	<20	<45
MID1	07/10/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID1	08/03/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.2	11 J	<0.1	<0.1	<0.1	<20	<45
MID1	09/01/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID1	10/06/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.2	5.5 J	<0.1	<0.1	<0.1	<20	<45
MID1	11/03/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.2	4.9 J	<0.1	<0.1	<0.1	<20	<45
MID1	12/08/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.2	6.1 J	<0.1	<0.1	<0.1	<20	<45
MID1	01/04/2016	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID1	02/08/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	2.6 J	<0.1	<0.1	<0.1	<20	<45

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
MID1	03/04/2016	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.2	8.1 J	<0.1	<0.1	<0.1	<20	<45
MID2	11/30/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	497	<0.5	<0.5	<0.5	<100	<150
MID2	12/02/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	266	<0.5	<0.5	<0.5	<100	<152
MID2	12/09/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	248	<0.5	<0.5	<0.5	<100	<150
MID2	12/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	158	<0.5	<0.5	<0.5	<100	307
MID2	12/15/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	333	<0.5	<0.5	<0.5	<100	<152
MID2	12/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	2,040	<0.5	<0.5	<0.5	<100	<152
MID2	12/22/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	582	<0.5	<0.5	<0.5	<100	<153
MID2	12/29/2011	<1	<1	<1	<1	<4	<1	<1	1,850	<1	<1	<1	<100	<151
MID2	01/03/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	594	<0.5	<0.5	<0.5	<100	<152
MID2	01/09/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	541	<0.5	-	<0.5	<100	<150
MID2	01/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	569	<0.5	<0.5	<0.5	<100	<153
MID2	01/24/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	191	<0.5	<0.5	<0.5	<100	<153
MID2	01/31/2012	<0.5	<0.5	<0.5	<1	<3	0.61	<0.5	11.4	<0.5	<0.5	<0.5	<100	<152
MID2	02/08/2012	<0.5	<0.5	<0.5	<1	<3	0.85	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<155
MID2	02/15/2012	<0.5	<0.5	<0.5	<1	<3	1.56	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	02/22/2012	<0.5	<0.5	<0.5	<1	<3	1.84	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	02/27/2012	<0.5	<0.5	<0.5	<1	<3	2.19	<0.5	3.54	<0.5	<0.5	<0.5	<100	<152
MID2	03/07/2012	<0.5	<0.5	<0.5	<1	<3	3.27	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID2	03/27/2012	<0.5	<0.5	<0.5	<1	<3	1.97	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<150
MID2	04/06/2012	<0.500	<0.500	<0.500	<1.00	<2.50	2.10	<0.500	10.3 VH	<0.500	<0.500	<0.500	<100	<153
MID2	04/16/2012	<0.5	<0.5	<0.5	<1	<3	2.19	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID2	05/01/2012	<0.5	<0.5	<0.5	<1	<3	2.46	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	05/15/2012	<0.5	<0.5	<0.5	<1	<3	1.9	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	06/05/2012	<0.5	<0.5	<0.5	<1	<3	1.45	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
MID2	06/19/2012	<0.5	<0.5	<0.5	<1	<3	1.68	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID2	07/12/2012	<0.5	<0.5	<0.5	<1	<3	2.26	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
MID2	07/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	08/08/2012	<0.5	<0.5	<0.5	<1	<3	1.14	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	08/24/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500	<100	<155
MID2	09/04/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
MID2	09/26/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	10/05/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500	<100	<153
MID2	10/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	10.2	<0.5	<0.5	<0.5	<100	<153
MID2	11/06/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	38.7	<0.5	<0.5	<0.5	<100	<154
MID2	11/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<156
MID2	12/12/2012	<0.5	<0.5	<0.5	<1	<3	2.03	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<150
MID2	12/20/2012	<0.5	<0.5	<0.5	<1	<3	2.22	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
MID2	01/04/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID2	01/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	02/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID2	02/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID2	03/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	03/21/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID2	04/02/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID2	04/18/2013	<0.5	0.63	<0.5	<1	1	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID2	05/07/2013	<0.5	0.7	<0.5	<1	1	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	05/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	06/03/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	06/19/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	07/12/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID2	07/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<150
MID2	08/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID2	08/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.1

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
MID2	09/05/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
MID2	09/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	10.8 J	44.5 J
MID2	10/08/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	33.3 J
MID2	11/04/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	10.4 J	<27.4
MID2	12/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.7
MID2	01/06/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.7
MID2	02/26/2014	<0.5	<0.5	<0.5	<1	<2.5	0.6	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
MID2	03/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.4
MID2	04/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.4
MID2	05/22/2014	<0.5	<0.5	<0.5	<1	<2.5	0.59	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.4
MID2	06/23/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.4
MID2	02/02/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	45 J
MID2	03/02/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.3 J	<0.2	22 J	<0.1	<0.1	<0.1	<20	45
MID2	04/08/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.6	<0.2	7.8 J	<0.1	<0.1	<0.1	<20	<45
MID2	05/01/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.7	<0.2	14 J	<0.1	<0.1	<0.1	<20	<45
MID2	06/04/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.9	<0.2	2.8 J	<0.1	<0.1	<0.1	<20	<45
MID2	07/10/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.4 J	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	08/03/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	08/20/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	09/01/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	09/17/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	10/06/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	10/19/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	31 J	<45
MID2	11/03/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	11/20/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	12/08/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	12/18/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
MID2	01/04/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	01/19/2016	<0.1	<0.1	<0.1	<0.1	<0.4	0.1 J	<0.2	15 J	<0.1	<0.1	<0.1	<20	<45
MID2	02/08/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	03/04/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID2	03/18/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID3	12/02/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	148	<0.5	<0.5	<0.5	<100	<153
MID3	02/08/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
MID3	02/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	02/22/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	02/27/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	03/07/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	03/27/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<150
MID3	04/06/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500	<100	<154
MID3	04/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	05/01/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	05/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
MID3	06/05/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	06/19/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
MID3	07/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	07/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	08/08/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<150
MID3	08/24/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500	<100	<155
MID3	09/04/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	09/26/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	10/05/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500	<100	<153
MID3	10/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	11/06/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
MID3	11/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
MID3	12/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<150
MID3	12/20/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	01/04/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	01/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	02/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	02/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	03/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	03/21/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	04/02/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	04/18/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
MID3	05/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	05/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
MID3	06/03/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	06/19/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
MID3	07/12/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	07/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
MID3	08/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
MID3	08/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.1
MID3	09/05/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
MID3	09/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
MID3	10/08/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
MID3	11/04/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	17.2 J	<27.4
MID3	12/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.9
MID3	01/06/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.1
MID3	02/26/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.1
MID3	03/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.4

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
MID3	04/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.7
MID3	05/22/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.4
MID3	06/23/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.4
MID3	02/02/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID3	03/02/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID3	03/19/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID3	04/08/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID3	04/20/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID3	05/01/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID3	05/20/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID3	06/04/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID3	06/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.4 J	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
MID3	07/10/2015	<0.1	<0.1	<0.1	<0.1	<0.4	0.2 J	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	11/30/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	156	<0.5	<0.5	<0.5	<100	<150
EFFLUENT	12/02/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	175	<0.5	<0.5	<0.5	<100	<154
EFFLUENT	12/09/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	113	<0.5	<0.5	<0.5	<100	<150
EFFLUENT	12/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	107	<0.5	<0.5	<0.5	<100	<150
EFFLUENT	12/15/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	60.4	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	12/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	70.6	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	12/22/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	208	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	12/29/2011	<1	<1	<1	<1	<4	<1	<1	562	<1	<1	<1	<100	<151
EFFLUENT	01/03/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	524	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	01/09/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	2,580	<0.5	<0.5	<0.5	<100	<150
EFFLUENT	01/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	524	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	01/24/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	11.1	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	01/31/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	02/08/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
EFFLUENT	02/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	02/22/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	02/27/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	03/07/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	161
EFFLUENT	03/27/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<150
EFFLUENT	04/06/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500	<100	<155
EFFLUENT	04/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
EFFLUENT	05/01/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	05/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	06/05/2012	<0.5	<0.5	<0.5	<1		<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	06/19/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	07/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	07/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	08/08/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	08/24/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500	<100	<155
EFFLUENT	09/04/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<150
EFFLUENT	09/26/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	10/05/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<0.500	<100	<153
EFFLUENT	10/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	11/06/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<154
EFFLUENT	11/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	12/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	12/20/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<156
EFFLUENT	01/04/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	01/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	02/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	02/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
EFFLUENT	03/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	03/21/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	04/02/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	04/18/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	05/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	0.58	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	05/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	06/03/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	06/19/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	07/12/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	07/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<152
EFFLUENT	08/06/2013	<0.5	<0.5	<0.5	<2	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<100	<153
EFFLUENT	08/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.1
EFFLUENT	09/05/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
EFFLUENT	09/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
EFFLUENT	10/08/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
EFFLUENT	10/23/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.7
EFFLUENT	11/04/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	45.4 J	<27.7
EFFLUENT	11/21/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
EFFLUENT	12/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
EFFLUENT	12/20/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.1
EFFLUENT	01/06/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	11.3 J	<27.4
EFFLUENT	01/23/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	14.8 J	<27.7
EFFLUENT	02/11/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.4
EFFLUENT	02/26/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<9.35	<27.1
EFFLUENT	03/11/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13.0	<23.4
EFFLUENT	03/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13.0	<23.4
EFFLUENT	04/04/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13.0	<23.7

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
EFFLUENT	04/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13.0	<23.4
EFFLUENT	05/06/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13.0	102 J
EFFLUENT	05/22/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13.0	<23.4
EFFLUENT	06/09/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13.0	<23.7
EFFLUENT	06/23/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	16.3 J	<23.4
EFFLUENT	07/10/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13.0	<23.4
EFFLUENT	08/07/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.7
EFFLUENT	11/05/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<13	<23.9
EFFLUENT	02/02/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	02/10/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5`	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	02/16/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5`	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	03/02/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5`	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	03/19/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	04/08/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	04/20/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	05/01/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	05/20/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	06/04/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	06/23/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	07/10/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	07/24/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	08/03/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	08/20/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	09/01/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	09/17/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	10/06/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	10/19/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	2.5 J	<0.1	<0.1	<0.1	<20	<45

Table 6

SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	tert-Butyl Alcohol (µg/L)	1,2-DiChloroethane (µg/L)	Diisopropyl ether (µg/L)	tert-amyl methyl ether (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
Discharge Limit (µg/L)		***2.5***	***50***	***50***	***50***	***50***	***10***	***1.4***	***NL***	***2.5***	***NL***	***NL***	***15,000***	***15,000***
EFFLUENT	11/03/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	11/20/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	12/08/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	12/18/2015	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	01/04/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	01/19/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	3.7 J	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	02/08/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	02/24/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	03/04/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45
EFFLUENT	03/18/2016	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.2	<2.5	<0.1	<0.1	<0.1	<20	<45

Note: The system was in a trial shutdown period from July 14, 2014 to February 2, 2015.

<# = Less than the method detection limit of #
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
J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, result is an estimated value.
LGAC = Liquid Granular Activated Carbon
NL = No Limit
MID = Midfluent
MTBE = Methyl Tertiary Butyl Ether
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
VH = LCS value was outside the QC range. Data accepted based on acceptable check

Table 7

SYSTEM RECOVERY DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Sample Date	Period Operating Days	Groundwater		Dissolved-Phase Hydrocarbon Recovery								
		GW Recovered in Period (gallons)	Cumulative GW Recovered (gallons)	Influent BTEX Concentration (µg/l)	BTEX Recovered in Period (pounds)	Cumulative BTEX Recovery (pounds)	Influent MTBE Concentration (µg/l)	MTBE Recovered in Period (pounds)	Cumulative MTBE Recovery (pounds)	Influent TPH-GRO Concentration (µg/l)	Total TPH-GRO Recoved in Period (pounds)	Cumulative TPH-GRO Recovery (pounds)
November 30, 2011	-	-	-	0.62	0	0.0	2,180	0	0.0	138	0	0.0
December 2, 2011	2	7,231	7,231	1.78	0.0001	0.0	1,410	0.09	0.1	492	0.03	0.0
December 9, 2011	3	15,336	22,568	0.70	0.0001	0.0	1,570	0.20	0.3	628	0.08	0.1
December 13, 2011	0	505	23,072	<2.5	0	0.0	1,870	0.01	0.3	589	0.00	0.1
December 15, 2011	2	10,767	33,839	0.52	0.00005	0.0	1,460	0.13	0.4	577	0.05	0.2
December 19, 2011	4	20,805	54,644	<2.5	0	0.0	1,440	0.25	0.7	635	0.11	0.3
December 22, 2011	3	16,875	71,519	<2.5	0	0.0	1,160	0.16	0.8	621	0.09	0.4
December 29, 2011	6	28,495	100,014	<4	0	0.0	3,040	0.72	1.6	395	0.09	0.5
Total/Average (4Q 2011)				***<1.9***	***0.0***		***1,766***	***1.6***		***509***	***0.5***	
January 3, 2012	5	22,278	122,292	<2.5	0	0.0	1,100	0.20	1.8	453	0.08	0.5
January 9, 2012	6	25,073	147,365	<2.5	0	0.0	978	0.20	2.0	476	0.10	0.6
January 16, 2012	7	35,001	182,366	<2.5	0	0.0	816	0.24	2.2	465	0.14	0.8
January 24, 2012	8	36,279	218,644	<2.5	0	0.0	1,050	0.32	2.5	645	0.20	1.0
January 31, 2012	7	31,587	250,231	<2.5	0	0.0	840	0.22	2.7	619	0.16	1.1
February 8, 2012	8	34,885	285,116	<2.5	0	0.0	642	0.19	2.9	441	0.13	1.3
February 15, 2012	7	28,645	313,761	<2.5	0	0.0	848	0.20	3.1	484	0.12	1.4
February 22, 2012	7	27,938	341,699	<2.5	0	0.0	824	0.19	3.3	406	0.09	1.5
February 27, 2012	3	11,564	353,263	<2.5	0	0.0	872	0.08	3.4	442	0.04	1.5
March 7, 2012	9	33,720	386,983	<2.5	0	0.0	1,040	0.29	3.7	412	0.12	1.6
March 27, 2012	20	62,719	449,702	<2.5	0	0.0	340	0.18	3.9	148	0.08	1.7
Total/Average (1Q 2012)				***<2.5***	***0.0***		***850***	***2.3***		***454***	***1.3***	
April 6, 2012	9	26,789	476,491	<2.5	0	0.0	451	0.10	4.0	166	0.04	1.7
April 16, 2012	10	28,742	505,233	<2.5	0	0.0	412	0.10	4.1	204	0.05	1.8
May 1, 2012	15	40,341	545,574	<2.5	0	0.0	363	0.12	4.2	234	0.08	1.9
May 15, 2012	14	33,190	578,764	<2.5	0	0.0	366	0.10	4.3	<100	0	1.9
June 5, 2012	21	55,216	633,980	<2.5	0	0.0	580	0.27	4.6	161	0.07	1.9
June 19, 2012	5	13,413	647,393	<2.5	0	0.0	254	0.03	4.6	112	0.01	2.0
Total/Average (2Q 2012)				***<2.5***	***0.0***		***404***	***0.7***		***175***	***0.3***	

Table 7

SYSTEM RECOVERY DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Sample Date	Period Operating Days	Groundwater		Dissolved-Phase Hydrocarbon Recovery								
		GW Recovered in Period (gallons)	Cumulative GW Recovered (gallons)	Influent BTEX Concentration (µg/l)	BTEX Recovered in Period (pounds)	Cumulative BTEX Recovery (pounds)	Influent MTBE Concentration (µg/l)	MTBE Recovered in Period (pounds)	Cumulative MTBE Recovery (pounds)	Influent TPH-GRO Concentration (µg/l)	Total TPH-GRO Recoved in Period (pounds)	Cumulative TPH-GRO Recovery (pounds)
July 12, 2012	17	45,268	692,661	<2.5	0	0.0	530	0.20	4.8	<100	0	2.0
July 25, 2012	13	33,738	726,399	<2.5	0	0.0	706	0.20	5.0	<100	0	2.0
August 8, 2012	13.5	30,998	757,397	<2.5	0	0.0	370	0.10	5.1	<100	0	2.0
August 24, 2012	15	33,125	790,522	<2.5	0	0.0	1,040	0.29	5.4	<100	0	2.0
September 4, 2012	11	12,455	802,977	<2.5	0	0.0	1,380	0.14	5.5	<100	0	2.0
September 26, 2012	22	31,474	834,451	<2.5	0	0.0	205	0.05	5.6	<100	0	2.0
Total/Average (3Q 2012)				***<2.5***	***0.0***		***705***	***1.0***		***<100***	***0.0***	
October 5, 2012	8	15,250	849,701	<2.5	0	0.0	227	0.03	5.6	<100	0	2.0
October 25, 2012	17	26,941	876,642	<2.5	0	0.0	439	0.10	5.7	<100	0	2.0
November 6, 2012	9.3	22,244	898,886	<2.5	0	0.0	496	0.09	5.8	<100	0	2.0
November 29, 2012	23	51,124	950,010	<2.5	0	0.0	49.6	0.02	5.8	<100	0	2.0
December 12, 2012	9	24,200	974,210	<2.5	0	0.0	92.9	0.02	5.8	<100	0	2.0
December 20, 2012	6	17,599	991,809	<2.5	0	0.0	110	0.02	5.9	<100	0	2.0
Total/Average (4Q 2012)				***<2.5***	***0.0***		***236***	***0.3***		***<100***	***0.0***	
January 4, 2013	13.8	39,130	1,030,939	<2.5	0	0.0	261	0.09	5.9	<100	0	2.0
January 22, 2013	17.9	46,601	1,077,540	<2.5	0	0.0	226	0.09	6.0	<100	0	2.0
February 7, 2013	14.7	37,855	1,115,395	<2.5	0	0.0	252	0.08	6.1	<100	0	2.0
February 26, 2013	18.7	63,357	1,178,752	<2.5	0	0.0	106	0.06	6.2	<100	0	2.0
March 7, 2013	8.0	26,434	1,205,186	<2.5	0	0.0	109	0.02	6.2	<100	0	2.0
March 21, 2013	12.4	39,539	1,244,725	<2.5	0	0.0	104	0.03	6.2	129	0.04	2.0
Total/Average (1Q 2013)				***<2.5***	***0.0***		***176***	***0.4***		***<105***	***0.0***	
April 2, 2013	12.2	34,409	1,279,134	<2.5	0	0.0	22	0.01	6.2	<100	0	2.0
April 18, 2013	14.2	41,277	1,320,411	<2.5	0	0.0	82	0.03	6.3	140	0.05	2.1
May 7, 2013	19.1	41,950	1,362,361	<2.5	0	0.0	39.2	0.01	6.3	<100	0.00	2.1
May 23, 2013	15.6	36,656	1,399,017	<2.5	0	0.0	84.4	0.03	6.3	171	0.05	2.1
June 3, 2013	9.5	21,634	1,420,651	<2.5	0	0.0	191	0.03	6.3	292	0.05	2.2
June 19, 2013	16.0	35,243	1,455,894	<2.5	0	0.0	73.3	0.02	6.4	136	0.04	2.2
Total/Average (2Q 2013)				***<2.5***	***0.0***		***82***	***0.1***		***<157***	***0.2***	

Table 7

SYSTEM RECOVERY DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Sample Date	Period Operating Days	Groundwater		Dissolved-Phase Hydrocarbon Recovery								
		GW Recovered in Period (gallons)	Cumulative GW Recovered (gallons)	Influent BTEX Concentration (µg/l)	BTEX Recovered in Period (pounds)	Cumulative BTEX Recovery (pounds)	Influent MTBE Concentration (µg/l)	MTBE Recovered in Period (pounds)	Cumulative MTBE Recovery (pounds)	Influent TPH-GRO Concentration (µg/l)	Total TPH-GRO Recoved in Period (pounds)	Cumulative TPH-GRO Recovery (pounds)
July 12, 2013	12.2	36,759	1,492,653	<2.5	0	0.0	60	0.02	6.4	<100	0	2.2
July 26, 2013	14.2	24,286	1,516,939	<2.5	0	0.0	210	0.04	6.4	<100	0	2.2
August 6, 2013	19.1	18,584	1,535,523	<2.5	0	0.0	92.9	0.01	6.4	102	0.02	2.2
August 19, 2013	15.6	21,038	1,556,561	<2.5	0	0.0	70.3	0.01	6.4	97	0.02	2.2
September 5, 2013	9.5	26,615	1,583,176	<2.5	0	0.0	78.1	0.02	6.5	86	0.02	2.2
September 19, 2013	16.0	17,716	1,600,892	<2.5	0	0.0	208	0.03	6.5	144	0.02	2.3
Total/Average (3Q 2013)				***<2.5***	***0.0***		***120***	***0.1***		***<105***	***0.1***	
October 8, 2013	18.0	27,372	1,628,264	<2.5	0	0.0	56	0.02	6.5	91.8	0.04	2.3
October 23, 2013	13.3	20,064	1,648,328	NS			NS			NS		
November 4, 2013	10.6	15,889	1,664,217	<2.5	0	0.0	58.1	0.02	6.5	69.3	0.02	2.3
November 21, 2013	14.8	20,828	1,685,045	NS			NS			NS		
December 6, 2013	15.8	20,816	1,705,861	<2.5	0	0.0	55.4	0.02	6.6	70.7	0.02	2.3
December 20, 2013	13.3	17,416	1,723,277	<2.5			NS			NS		
Total/Average (4Q 2013)				***<2.5***	***0.0***		***56***	***0.1***		***77***	***0.1***	
January 6, 2014	17.0	23,627	1,746,904	<2.5	0	0.0	54.4	0.01	6.6	62.4	0.01	2.4
January 23, 2014	16.1	28,911	1,775,815	<2.5	0	0.0	142	0.03	6.6	214	0.05	2.4
February 11, 2014	0	0	-	<2.5	0	0.0	88.6	-	6.6	254.0	-	2.4
February 26, 2014	14.9	38,020	1,813,835	<2.5	0	0.0	85.2	0.03	6.6	145	0.05	2.5
March 11, 2014	0	0	-	<2.5	0	0.0	79.2	-	6.6	173.0	-	2.5
March 21, 2014	9.2	33,218	1,847,053	<2.5	0	0.0	65.2	0.02	6.6	<13	0	2.5
Total/Average (1Q 2014)				***<2.5***	***0.0***		***86***	***0.1***		***170***	***0.1***	
April 4, 2014	0	0	-	<2.5	0	0.0	27.6	-	6.6	73.8	-	2.5
April 21, 2014	17.0	73,740	1,920,793	<2.5	0	0.0	50	0.03	6.7	70.4	0.04	2.5
May 6, 2014	0	0	-	<2.5	0	0.0	12.5	-	6.7	23.6	-	2.5
May 22, 2014	15.7	109,491	2,030,284	<2.5	0	0.0	30.4	0.03	6.7	40.9	0.04	2.5
June 9, 2014	0	0	-	<2.5	0	0.0	9.32	-	6.7	16.3	-	2.5
June 23, 2014	12.8	56,704	2,086,988	<2.5	0	0.0	38.4	0.02	6.7	57.1	0.03	2.6
Total/Average (2Q 2014)				***<2.5***	***0.0***		***28***	***0.1***		***47***	***0.1***	

Table 7

SYSTEM RECOVERY DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Sample Date	Period Operating Days	Groundwater		Dissolved-Phase Hydrocarbon Recovery								
		GW Recovered in Period (gallons)	Cumulative GW Recovered (gallons)	Influent BTEX Concentration (µg/l)	BTEX Recovered in Period (pounds)	Cumulative BTEX Recovery (pounds)	Influent MTBE Concentration (µg/l)	MTBE Recovered in Period (pounds)	Cumulative MTBE Recovery (pounds)	Influent TPH-GRO Concentration (µg/l)	Total TPH-GRO Recoved in Period (pounds)	Cumulative TPH-GRO Recovery (pounds)
July 10, 2014	0	0	-	<2.5	0	0.0	11.8	0.00	6.7	21.2	0.01	2.6
July 13, 2014	3.0	36,923	2,123,911	NS			NS			NS		
Total/Average (3Q 2014)				***<2.5***	***0.0***		***12***	***0.0***		***21***	***0.0***	
Trial Shutdown												
Total/Average (4Q 2014)												
February 2, 2015	0	0	2,124,318	<4.0	0	0.0	1,300	0.46	7.2	1,200	0.43	3.0
February 5, 2015	2.7	7,563	2,131,474	NS			NS			NS		
February 10, 2015	3.9	8,625	2,140,099	NS			NS			NS		
February 16, 2015	4.4	10,216	2,150,315	NS			NS			NS		
February 27, 2015	11.1	16,226	2,166,541	NS			NS			NS		
March 2, 2015	2.9	5,222	2,171,763	<4.0	0	0.0	1,400	0.47	7.7	1,200	0.40	3.4
March 14, 2015	11.4	26,926	2,198,689	NS			NS			NS		
March 19, 2015	3.0	8,219	2,206,908	NS			NS			NS		
Total/Average (1Q 2015)				***<4.0***	***0.0***		***1,350***	***0.9***		***1,200***	***0.8***	
April 8, 2015	20	58,992	2,265,900	<4.0	0.0	0.0	490	0.30	8.0	640	0.40	3.8
April 13, 2015	3.0	4,584	2,270,484	NS			NS			NS		
April 20, 2015	7.0	10,806	2,281,290	NS			NS			NS		
May 1, 2015	10.9	35,259	2,316,549	0.10	0.0	0.0	690	0.54	8.5	540	0.42	4.2
May 20, 2015	18.9	58,732	2,375,281	NS			NS			NS		
June 4, 2015	11.8	37,234	2,412,515	<4.0	0.0	0.0	510	0.40	8.9	470	0.37	4.6
June 23, 2015	18.7	56,011	2,468,526	NS			NS			NS		
Total/Average (2Q 2015)				***0.1 J***	***0.0***		***563***	***1.2***		***550***	***1.2***	

Table 7

SYSTEM RECOVERY DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Sample Date	Period Operating Days	Groundwater		Dissolved-Phase Hydrocarbon Recovery								
		GW Recovered in Period (gallons)	Cumulative GW Recovered (gallons)	Influent BTEX Concentration (µg/l)	BTEX Recovered in Period (pounds)	Cumulative BTEX Recovery (pounds)	Influent MTBE Concentration (µg/l)	MTBE Recovered in Period (pounds)	Cumulative MTBE Recovery (pounds)	Influent TPH-GRO Concentration (µg/l)	Total TPH-GRO Recoved in Period (pounds)	Cumulative TPH-GRO Recovery (pounds)
July 10, 2015	15.0	10,505	2,479,031	<0.8	0.0	0.0	93	0.05	8.9	120	0.07	4.7
July 24, 2015	13.7	42,569	2,521,600	NS			NS			NS		
July 31, 2015	4.3	12,868	2,534,468	NS			NS			NS		
August 3, 2015	3.1	10,391	2,544,859	<4.0	0.0	0.0	310	0.15	9.1	330	0.16	4.8
August 20, 2015	16.8	49,028	2,593,887	NS			NS			NS		
September 1, 2015	8.2	23,138	2,617,025	<0.4	0.0	0.0	170	0.09	9.2	180	0.10	4.9
September 4, 2015	2.8	8,682	2,625,707	NS			NS			NS		
September 17, 2015	13.0	34,758	2,660,465	NS			NS			NS		
Total/Average (3Q 2015)				***<1.7***	***0.0***		***191***	***0.3***		***210***	***0.3***	
October 6, 2015	16.1	41,437	2,701,902	<0.4	0.0	0.0	250	0.15	9.3	240	0.15	5.1
October 19, 2015	12.2	31,902	2,733,804	NS			NS			NS		
November 3, 2015	15.1	36,422	2,770,226	<0.4	0.0	0.0	130	0.08	9.4	150	0.10	5.2
November 20, 2015	16.4	39,595	2,809,821	NS			NS			NS		
December 8, 2015	16.6	39,354	2,849,175	<2.0	0.0	0.0	140	0.07	9.5	140	0.07	5.2
December 18, 2015	9.2	22,055	2,871,230	NS			NS			NS		
Total/Average (4Q 2015)				***<0.9***	***0.0***		***173***	***0.3***		***177***	***0.3***	
January 4, 2016	17.0	40,005	2,911,235	<0.4	0.0	0.0	91	0.06	9.6	110	0.07	5.3
January 19, 2016	15.0	35,003	2,946,238	NS			NS			NS		
February 8, 2016	20.0	52,838	2,999,076	<0.4	0.0	0.0	66	0.04	9.6	85	0.05	5.4
February 22, 2016	14.0	23,202	3,022,278	NS			NS			NS		
March 4, 2016	11.0	18,611	3,040,889	<0.4	0.0	0.0	120	0.05	9.7	130	0.05	5.4
March 18, 2016	14.0	30,520	3,071,409	NS			NS			NS		
March 22, 2016	4.0	637	3,072,046	NS			NS			NS		
Total/Average (1Q 2016)				***<0.4***	***0.0***		***92***	***0.1***		***108***	***0.2***	

Table 7

SYSTEM RECOVERY DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

Sample Date	Period Operating Days	Groundwater		Dissolved-Phase Hydrocarbon Recovery								
		GW Recovered in Period (gallons)	Cumulative GW Recovered (gallons)	Influent BTEX Concentration (µg/l)	BTEX Recovered in Period (pounds)	Cumulative BTEX Recovery (pounds)	Influent MTBE Concentration (µg/l)	MTBE Recovered in Period (pounds)	Cumulative MTBE Recovery (pounds)	Influent TPH-GRO Concentration (µg/l)	Total TPH-GRO Recoved in Period (pounds)	Cumulative TPH-GRO Recovery (pounds)

Table Notes:
The system was in a trial shutdown period from July 14, 2014 to February 2, 2015.
BTEX - sum of benzene, toluene, ethylbenzene, and total xylenes
MTBE - methyl tert-butyl ether
TPH - total petroleum hydrocarbons
GRO - gasoline range organics
µg/l - micrograms/liters

Calculation Notes:

Dissolved hydrocarbon loading (lb) = $\frac{\text{concentration}(\mu g/l)}{} \cdot \frac{2.205\ \text{lb}}{10^9\ \mu g} \cdot \frac{3.785\ \text{liters}}{\text{gallon}} \cdot \text{\# gallons}$

Hydrocarbon Recovery to Date (lbs) = Hydrocarbon Recovery Since Previous Sampling Event (lbs)
+
Hydrocarbon Recovery to Date (lbs)

Table 8

SYSTEM OPERATIONAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

DATE	COMMENT	SYSTEM OPERATION			SYSTEM INFLUENT FLOW			RW-1					RW-2					RW-4					AIR STRIPPER			LGACs
		Period (days)	Operating Days (days)	System Hours (hours)	**Average Flow Rate (gpm)**	Average Daily Discharge (gallons)	Cumulative Flow (gallons)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Water Flow Rate (gpm)	Air Flow Rate (scfm)	Hydrocarbon Discharge Rate (lbs/day)	Water Flow Rate (gpm)
11/30/2011		-	-	1.6	-	-	-	262	-	NR	NR	60	179	-	41.7	69.0	60						6.9	NR	0.0	NR
12/1/2011		1	1	30.9	**2.3**	3,318	4,658	665	**0.2**	57.9	59.8	54	3,993	**2.1**	46.0	71.5	60						6.5	314	NR	7.6
12/2/2011	System shut down pending lab results.	1	1	43.2	**3.1**	4,443	7,231	1,706	**1.4**	NR	45.0	46	5,525	**1.8**	NR	59.0	46						6.1	NR	NR	10.1
12/6/2011		0 (5)	0	43.2	-	-	7,231	1,706	-	33.5	46.3	46	5,525	-	41.3	67.4	46						6.0	250	NR	8.1
12/7/2011		1	1	67.3	**3.9**	5,679	13,289	3,655	**1.3**	66.3	NR	46	9,634	**2.8**	49.1	NR	46						NR	NR	0.0	NR
12/8/2011		1	1	91.3	**4.2**	6,081	19,370	5,396	**1.2**	61.4	46.7	46	13,973	**3.0**	57.7	58.7	46						6.9	235	0.1	10.3
12/9/2011	System shut down pending repair.	1	1	105.8	**3.2**	4,624	22,568	6,445	**1.2**	37.3	NR	46	16,122	**2.5**	42.8	NR	46						NR	NR	NR	NR
12/13/2011		4	0	105.8	-	-	23,072	6,630	-	35.6	45.5	46	16,442	-	41.0	67.4	50						6.5	210	0.2	8.8
12/15/2011		2	2	150.9	**3.9**	5,618	33,839	9,973	**1.2**	NR	48.8	46	23,866	**2.7**	NR	64.3	50						6.6	260	NR	8.7
12/19/2011		4	4	245.7	**3.7**	5,267	54,644	16,627	**1.2**	64.3	45.5	46	38,017	**2.5**	60.6	51.3	50						6.4	252	NR	8.3
12/22/2011		3	3	320.2	**3.8**	5,444	71,519	21,932	**1.2**	NR	48.8	46	49,587	**2.6**	NR	55.8	50						6.5	255	NR	8.5
12/28/2011		6	5	429.1	**3.9**	5,625	97,043	29,449	**1.2**	63.4	49.4	50	67,594	**2.8**	43.2	75.6	54						6.9	250	0.2	7.9
12/29/2011		1	1	443.8	**3.2**	4,571	100,014	30,558	**1.3**	NR	50.7	50	69,456	**2.1**	NR	73.8	54						6.9	NR	NR	8.2
Total/Average (4Q 2011)		***25 (30)***	***20***		***3.8***	***5,409***	***100,014***	***30,558***	***1.1***				***69,456***	***2.6***									***6.6***	***253***	***0.1***	***8.6***
1/3/2012		5	5	560.4	**3.2**	4,581	122,292	38,913	**1.2**	62.0	44.6	46	83,379	**2.0**	51.2	59.9	50						6.9	215	NR	8.0
1/9/2012		6	6	703.7	**2.9**	4,202	147,365	48,520	**1.1**	62.4	45.1	46	98,845	**1.8**	51.7	55.4	50						7.1	225	0.1	8.3
1/16/2012		7	7	875.5	**3.4**	4,887	182,366	59,678	**1.1**	63.7	45.1	46	122,688	**2.3**	61.4	50.4	50						6.3	228	NR	7.7
1/24/2012		8	8	1059.8	**3.2**	4,607	218,644	71,204	**1.0**	61.8	45.5	46	147,440	**2.2**	50.2	61.2	50						6.6	226	0.0	7.8
1/31/2012		7	7	1227.7	**3.1**	4,515	250,231	81,219	**1.0**	65.6	50.4	46	169,012	**2.1**	47.2	62.0	50						6.3	235	NR	7.4
2/8/2012		8	8	1423.6	**3.0**	4,274	285,116	92,395	**1.0**	63.7	50.4	46	192,721	**2.0**	63.2	49.2	50						5.9	234	0.1	7.8
2/15/2012		7	7	1586.1	**2.9**	4,231	313,761	101,403	**0.9**	65.6	48.8	46	212,359	**2.0**	63.3	49.2	50						6.2	255	NR	7.3
2/22/2012		7	7	1755.3	**2.8**	3,963	341,699	110,434	**0.9**	62.9	47.5	46	231,265	**1.9**	60.9	50.8	50						6.5	259	0.0	7.1
2/27/2012	Down (power interruption)	5	3	1826.2	**2.7**	3,914	353,263	114,241	**0.9**	66.2	47.5	46	239,022	**1.8**	61.0	61.6	50						6.5	258	NR	7.7
3/7/2012		9	9	2040.7	**2.6**	3,773	386,983	125,376	**0.9**	NR	49.6	46	261,607	**1.8**	NR	50.8	50						6.4	256	0.0	7.7
3/27/2012		20	20	2516.4	**2.2**	3,164	449,702	148,198	**0.8**	64.1	47.5	44	301,504	**1.4**	68.7	51.3	44						6.3	260	0.1	7.6
Total/Average (1Q 2012)		***89***	***87***		***2.8***	***4,049***	***349,688***	***117,640***	***0.9***				***232,048***	***1.9***									***6.5***	***241***	***0.1***	***7.7***
4/6/2012	Down (power interruption)	10	9	2722.1	**2.2**	3,126	476,491	158,158	**0.8**	66.2	46.3	44	318,333	**1.4**	67.5	43.4	44						6.6	258	0.0	7.9
4/16/2012		10	10	2959.2	**2.0**	2,909	505,233	169,547	**0.8**	64.9	45.5	44	335,686	**1.2**	70.3	44.6	44						6.0	258	NR	7.7
5/1/2012		15	15	3320.8	**1.9**	2,678	545,574	186,147	**0.8**	65.5	44.0	48	359,427	**1.1**	69.9	44.0	45						6.5	252	0.0	6.8
5/15/2012		14	14	3651.7	**1.7**	2,407	578,764	200,354	**0.7**	64.9	47.5	44	378,410	**1.0**	69.6	45.1	44						6.3	245	0.0	7.9
6/5/2012		21	21	4154.8	**1.8**	2,634	633,980	228,383	**0.9**	66.9	47.1	44	405,597	**0.9**	69.1	43.0	44						7.0	3	NR	6.3
6/19/2012	Down (power interruption)	14	5	4278.5	**1.8**	2,602	647,393	235,294	**0.9**	63.1	48.4	44	412,099	**0.9**	69.3	52.5	44						6.2	245	0.0	8.1
Total/Average (2Q 2012)		***84***	***73***		***1.9***	***2,693***	***197,691***	***87,096***	***0.8***				***110,595***	***1.0***									***6.4***	***210***	***0.0***	***7.4***
7/12/2012	3 power interruptions	23	17	4675.5	**1.9**	2,737	692,661	257,603	**0.9**	66.5	40.1	40	435,058	**1.0**	64.4	54.6	40						6.2	254	0.1	8.2
7/25/2012		13	13	4984.9	**1.8**	2,595	726,399	275,544	**1.0**	NR	42.6	40	450,855	**0.9**	NR	42.6	40						6.3	251	NR	8.3
7/27/2012	Down (power interruption)	2	1.5	5020.2	**1.8**	2,531	730,122	277,534	**0.9**	NR	NR	40	452,588	**0.8**	NR	NR	40						6.2	NR	NR	NR
8/8/2012	Down (power interruption)	12	11	5288.0	**1.7**	2,444	757,397	292,104	**0.9**	NR	43.4	40	465,293	**0.8**	NR	42.6	40						6.3	254	0.1	8.4
8/15/2012	Down (power interruption)	7	6	5438.1	**1.6**	2,271	771,600	299,795	**0.9**	NR	NR	40	471,805	**0.7**	NR	NR	40						6.4	NR	NR	8.2
8/24/2012		9	9	5646.8	**1.5**	2,176	790,522	310,113	**0.8**	NR	40.1	40	480,409	**0.7**	NR	39.3	40						6.3	252	0.1	8.2
9/4/2012	RW-1 down due to transducer	11	11	5912.3	**0.8**	1,126	802,977	312,719	**0.2**	42.1	NR	40	490,258	**0.6**	72.7	40.5	40						6.2	250	0.1	8.5
9/12/2012		8	8	6106.2	**0.6**	832	809,698	312,793	**0.0**	66.1	NR	28[3]	496,905	**0.6**	NR	NR	40						NR	NR	NR	NR
9/26/2012		14	14	6439.9	**1.2**	1,780	834,451	326,363	**0.7**	NR	29.5	28	508,088	**0.6**	NR	42.2	40						6.2	252	0.1	8.2
Total/Average (3Q 2012)		***99***	***90***		***1.4***	***2,077***	***187,058***	***91,069***	***0.7***				***95,989***	***0.7***									***6.3***	***252***	***0.1***	***8.3***

Table 8

SYSTEM OPERATIONAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

DATE	COMMENT	SYSTEM OPERATION			SYSTEM INFLUENT FLOW			RW-1					RW-2					RW-4					AIR STRIPPER			LGACs
		Period (days)	Operating Days (days)	System Hours (hours)	**Average Flow Rate (gpm)**	Average Daily Discharge (gallons)	Cumulative Flow (gallons)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Water Flow Rate (gpm)	Air Flow Rate (scfm)	Hydrocarbon Discharge Rate (lbs/day)	Water Flow Rate (gpm)
10/5/2012		9	8.5	6643.7	**1.2**	1,796	849,701	334,285	**0.6**	NR	29.2	28	515,416	**0.6**	NR	38.1	40						7.3	244	NR	8.0
10/25/2012	Multiple power interruptions	20	17.1	7053.6	**1.1**	1,577	876,642	349,272	**0.6**	65.9	29.5	28	527,370	**0.5**	71.2	42.2	40						6.3	245	0.1	8.2
11/6/2012		12	9.3	7275.8	**1.7**	2,403	898,886	360,250	**0.8**	63.0	26.9	28	538,636	**0.8**	73.6	40.9	40						6.6	242	NR	8.3
11/29/2012	RW-2 pump repair required	23	22.9	7825.6	**1.5**	2,232	950,010	388,308	**0.9**	NR	29.5	28	561,702	**0.7**	NR	NR	40						7.1	242	0.0	8.3
12/12/2012	Multiple power interruptions	13	8.8	8036.2	**1.9**	2,758	974,210	398,469	**0.8**	72.3	26.9	23	575,741	**1.1**	75.3	55.4	36						7.1	248	0.1	8.5
12/20/2012		8	5.8	8174.7	**2.1**	3,050	991,809	406,172	**0.9**	NR	23.9	23	585,637	**1.2**	NR	44.6	36						6.4	255	0.0	8.6
Total/Average (4Q 2012)		***85***	***72.3***		***1.5***	***2,177***	***157,358***	***79,809***	***0.8***				***77,549***	***0.7***									***6.8***	***246***	***0.0***	***8.3***
1/4/2013	Down 1 day for carbon change	15	13.8	8506.6	**2.0**	2,830	1,030,939	424,120	**0.9**	NR	22.4	23	606,819	**1.1**	NR	36.4	36						6.6	245	NR	8.6
1/22/2013		18	17.9	8937.0	**1.8**	2,599	1,077,540	447,125	**0.9**	71.0	21.7	23	630,415	**0.9**	76.1	37.2	36						6.3	250	0.1	8.2
2/7/2013	Multiple power interruptions	16	14.7	9288.6	**1.8**	2,584	1,115,395	464,629	**0.8**	73.9	28.8	23	650,766	**1.0**	76.0	36.8	36						6.6	255	NR	8.1
2/26/2013		19	18.7	9737.7	**2.4**	3,386	1,178,752	493,345	**1.1**	NR	27.7	23	685,407	**1.3**	NR	37.2	36						7.2	252	0.0	8.4
3/7/2013	One power interruption	9	8.0	9930.7	**2.3**	3,287	1,205,186	504,059	**0.9**	67.5	25.1	23	701,127	**1.4**	76.5	36.8	36						6.6	248	0.1	8.6
3/21/2013	One power interruption	14	12.4	10227.3	**2.2**	3,199	1,244,725	520,853	**0.9**	NR	23.9	23	723,872	**1.3**	NR	36.8	36						6.5	255	NR	8.6
Total/Average (1Q 2013)		***91***	***85.5***		***2.1***	***2,957***	***252,916***	***114,681***	***0.9***				***138,235***	***1.1***									***6.6***	***251***	***0.1***	***8.4***
4/2/2013	RW-2 fault on arrival	12	12.2	10520.7	**2.0**	2,815	1,279,134	537,016	**0.9**	NR	25.8	23	742,118	**1.0**	NR		36						6.7	252	NR	8.3
4/18/2013		16	14.2	10862.3	**2.0**	2,900	1,320,411	555,229	**0.9**	70.7	27.7	23	765,182	**1.1**	77.2	36.4	36						6.6	240	0.1	8.8
5/7/2013	RW-2 not pumping on arrival	19	19.1	11320.5	**1.5**	2,197	1,362,361	576,472	**0.8**	NR	27.7	23	785,889	**0.8**	NR	69.0	36						6.4	248	NR	8.6
5/23/2013		16	15.6	11694.6	**1.6**	2,352	1,399,017	594,306	**0.8**	NR	25.4	23	804,711	**0.8**	NR	36.4	36						7.2	252	0.04	8.4
6/3/2013	One power interruption	11	9.5	11923.5	**1.6**	2,268	1,420,651	604,484	**0.7**	64.8	23.9	23	816,167	**0.8**	75.1	37.2	36						6.7	248	0.03	8.3
6/19/2013		16	16.0	12306.4	**1.5**	2,209	1,455,894	621,494	**0.7**	NR	23.2	23	834,400	**0.8**	NR	36.8	36						6.1	246	NR	8.2
Total/Average (2Q 2013)		***90***	***86.6***		***1.7***	***2,438***	***211,169***	***100,641***	***0.8***				***110,528***	***0.9***									***6.6***	***248***	***0.0***	***8.4***
7/12/2013	Multiple power interruptions	23	18.0	12738.7	**1.4**	2,041	1,492,653	640,104	**0.7**	NR	25.1	23	852,549	**0.7**	NR	50.4	36						6.3	245	0.1	8.1
7/26/2013	One power interruption	14	12.2	13032.6	**1.4**	1,983	1,516,939	652,578	**0.7**	69.1	23.2	23	864,361	**0.7**	75.1	36.4	36						6.2	248	NR	8.3
8/6/2013		11	11.1	13298.2	**1.2**	1,679	1,535,523	663,204	**0.7**	69.2	22.1	23	872,319	**0.5**	75.1	37.2	36						6.3	250	NR	8.1
8/19/2013		13	12.9	13607.6	**1.1**	1,632	1,556,561	675,074	**0.6**	NR	26.2	23	881,487	**0.5**	NR	36.8	36						6.2	235	0.02	8.3
9/5/2013	One power interruption	17	16.1	13994.2	**1.1**	1,652	1,583,176	689,582	**0.6**	67.7	25.4	23	893,594	**0.5**	75.0	34.7	36						6.8	220	0.02	8.3
9/19/2013	Carbon change & power interruption	14	10.4	14243.5	**1.2**	1,706	1,600,892	699,071	**0.6**	NR	25.8	23	901,821	**0.6**	NR	35.1	36						6.0	258	NR	8.6
Total/Average (3Q 2013)		***92***	***80.7***		***1.2***	***1,796***	***144,998***	***77,577***	***0.7***				***67,421***	***0.6***									***6.3***	***243***	***0.0***	***8.3***
10/8/2013	One power interruption	19	18.0	14674.8	**1.1**	1,523	1,628,264	714,785	**0.6**	68.6	23.9	23	913,479	**0.5**	75.1	34.7	36						6.6	250	NR	8.0
10/23/2013	Multiple power interruptions	15	13.3	14994.6	**1.0**	1,506	1,648,328	726,622	**0.6**	NR	21.7	23	921,706	**0.4**	NR	36.0	36						5.6	242	0.02	8.7
11/4/2013	Multiple power interruptions	12	10.6	15247.9	**1.0**	1,505	1,664,217	736,018	**0.6**	NR	23.2	23	928,199	**0.4**	NR	35.1	36						5.9	240	0.02	8.3
11/20/2013	One power interruption	16	14.8	15603.7	**1.0**	1,405	1,685,045	748,635	**0.6**	66.7	23.2	23	936,410	**0.4**	78.0	34.7	36						6.3	245	NR	8.1
12/6/2013	One power interruption	16	15.8	15982.6	**0.9**	1,319	1,705,861	761,190	**0.6**	NR	23.9	23	944,671	**0.4**	NR	35.1	36						6.3	242	0.02	7.7
12/20/2013	One power interruption	14	13.3	16302.9	**0.9**	1,305	1,723,277	771,552	**0.5**	65.6	23.6	23	951,725	**0.4**	78.2	37.2	36						6.4	240	NR	8.3
Total/Average (4Q 2013)		***92***	***85.8***		***1.0***	***1,426***	***122,385***	***72,481***	***0.6***				***49,904***	***0.4***									***6.2***	***243***	***0.0***	***8.2***
1/6/2014		17	17.0	16711.7	**1.0**	1,387	1,746,904	785,307	**0.6**		23.6	23	961,597	**0.4**		36.0	36						6.4	244	0.02	7.7
1/23/2014		17	16.1	17098.2	**1.2**	1,795	1,775,815	798,936	**0.6**	65.8	22.1	23	976,879	**0.7**	78.2	36.0	36						6.5	238	NR	6.2
2/11/2014	System off 1/23 to 2/11	19	0	17098.2	**-**	-	-	798,936	**-**	36.5	25.4	23	976,879	**-**	40.9	66.1	36						6.5	230	NR	8.3
2/26/2014		15	14.9	17456.3	**1.8**	2,548	1,813,835	809,814	**0.5**	57.1	18.7	19	1,004,021	**1.3**	74.7	37.2	36						6.0	240	0.02	8.5
3/11/2014	System off 2/26 to 3/11	13	0	17456.3	**-**	-	-	809,814	**-**	34.9	18.7	19	1,004,021	**-**	39.4	67.0	36						6.6	220	0.02	8.7
3/21/2014	One power interruption	10	9.2	17676.3	**2.5**	3,624	1,847,053	819,608	**0.7**	65.8	13.1	12	1,027,445	**1.8**	77.9	33.1	36						6.4	218	NR	8.2
Total/Average (1Q 2014)		***91***	***57.2***		***1.5***	***2,163***	***123,776***	***48,056***	***0.6***				***75,720***	***0.9***									***6.4***	***232***	***0.0***	***7.9***

Table 8

SYSTEM OPERATIONAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

DATE	COMMENT	SYSTEM OPERATION			SYSTEM INFLUENT FLOW			RW-1					RW-2					RW-4					AIR STRIPPER			LGACs
		Period (days)	Operating Days (days)	System Hours (hours)	**Average Flow Rate (gpm)**	Average Daily Discharge (gallons)	Cumulative Flow (gallons)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Water Flow Rate (gpm)	Air Flow Rate (scfm)	Hydrocarbon Discharge Rate (lbs/day)	Water Flow Rate (gpm)
4/4/2014	System off 3/21 to 4/4	14	0	17676.3	-	-	-	819,759	-	32.9	11.2	12	1,027,652	-	38.7	67.8	36						6.3	222	0.01	8.3
4/21/2014		17	17.0	18085.2	**3.0**	4,328	1,920,793	837,387	**0.7**	61.9	12.7	12	1,083,406	**2.3**	64.3	47.1	36						6.1	220	NR	7.6
5/6/2014	System off 4/21 to 5/6	15	0	18085.2	-	-	-	837,489	-	31.9	12.0	12	1,083,682	-	37.6	69.0	36						6.4	222	NR	7.9
5/22/2014	One power interruption	16	15.7	18461.6	**4.8**	6,981	2,030,284	852,994	**0.7**	56.6	12.7	12	1,177,290	**4.1**	64.7	46.7	36						7.2	224	0.01	8.4
6/9/2014		18	0	18461.6	-	-	-	853,076	-	36.4	12.1	12	1,177,743	-	38.7	67.4	36						7.1	220	NR	8.2
6/23/2014	One power interruption	14	12.8	18768.5	**3.1**	4,434	2,086,988	864,328	**0.6**	56.6	13.1	12	1,222,660	**2.4**	77.9	36.4	36						7.3	222	0.01	8.4
Total/Average (2Q 2014)		***94***	***45.5***		***3.7***	***5,272***	***239,935***	***44,720***	***0.7***				***195,215***	***3.0***									***6.7***	***222***	***0.0***	***8.1***
7/10/2014		17	0	18768.5	-	-	-	864,385	-	38.7	13.1	12	1,222,863	-	40.5	63.0	36						7.1	226	0.01	8.6
7/13/2014	System off (power interruption)	3	3.0	18841.4	**8.4**	12,156	2,123,911	873,404	**2.1**	NR	NR	12	1,250,507	**6.3**	NR	NR	36						NR	NR	NR	NR
Total/Average (3Q 2014)		***20***	***3.0***		***8.4***	***12,156***	***36,923***	***9,076***	***2.1***				***27,847***	***6.4***									***7.1***	***226***	***0.0***	***8.6***
	Trial Shutdown Period																									
Total/Average (4Q 2014)		***-***	***0***		***0.0***	***0***																				
2/2/2015	System startup	0	0	18841.4	-	-	2,124,318						1,250,814	-	45.0	65.7	38	100	-	49.3	NR	18	5.7	232	0.3	7.8
2/5/2015		3	2.7	18905.4	**1.9**	2,684	2,131,474						1,253,489	**0.7**	78.9	36.0	36	4,581	**1.2**	68.9	18.7	18	6.6	228	NR	8.4
2/10/2015	One power interruption	5	3.9	18998.1	**1.6**	2,233	2,140,099						1,256,482	**0.5**	NR	57.0	36	10,213	**1.0**	NR	28.7	18	6.6	230	NR	8.4
2/16/2015	One power interruption	6	4.4	19103.3	**1.6**	2,331	2,150,315						1,260,256	**0.6**	NR	65.7	36	16,655	**1.0**	NR	18.7	18	6.4	232	0.2	8.4
2/27/2015		11	11.1	19369.1	**1.0**	1,465	2,166,541						1,260,266	**0.0**	NR	57.9	36	32,871	**1.0**	NR	18.7	18	6.3	228	NR	8.0
3/2/2015		3	2.9	19438.0	**1.3**	1,819	2,171,763						1,261,364	**0.3**	77.5	37.2	36	36,995	**1.0**	68.9	18.7	18	6.3	230	0.2	8.0
3/14/2015	One power interruption	12	11.4	19710.9	**1.6**	2,368	2,198,689						1,272,010	**0.7**	NR	NR	NR	53,275	**1.0**	NR	NR	NR	NR	NR	NR	NR
3/19/2015	One power interruption	5	3.0	19782.4	**1.9**	2,759	2,206,908						1,275,628	**0.8**	NR	53.3	36	57,876	**1.1**	NR	24.8	18	6.5	275	NR	7.6
Total/Average (1Q 2015)		***45***	***39.2***		***1.5***	***2,117***	***82,997***						***25,121***	***0.4***				***57,876***	***1.0***				***6.3***	***236***	***0.2***	***8.1***
4/8/2015		20	20.0	20262.0	**2.1**	-	2,265,900						1,302,934	**0.9**	77.7	37.2	36	89,562	**1.1**	69.8	18.7	10	6.1	275	0.2	7.5
4/13/2015	One power interruption	5	3.0	20334.5	**1.1**	1,517	2,270,484						1,307,199	**1.0**	NR	NR	NR	89,881	**0.1**	NR	NR	NR	NR	NR	NR	NR
4/20/2015	RW-4 controller fault	7	7.0	20502.1	**1.1**	1,547	2,281,290						1,317,605	**1.0**	77.8	36.0	36	90,281	**0.0**	67.5	20.4	10	6.3	275	NR	7.6
5/1/2015		11	10.9	20763.8	**2.2**	3,234	2,316,549						1,332,959	**1.0**	76.4	36.4	36	110,186	**1.3**	78.3	10.7	10	6.4	272	0.08	7.4
5/20/2015		19	18.9	21217.9	**2.2**	3,104	2,375,281						1,358,482	**0.9**	76.8	36.0	36	143,395	**1.2**	78.1	11.9	10	6.7	272	NR	7.6
6/4/2015	One power interruption	15	11.8	21499.9	**2.2**	3,169	2,412,515						1,374,816	**1.0**	83.9	36.4	36	164,295	**1.2**	61.1	11.6	10	7.0	NR	NR	7.2
6/23/2015		19	18.7	21949.6	**2.1**	2,989	2,468,526						1,399,338	**0.9**	76.7	36.8	36	195,784	**1.2**	76.0	12.1	10	6.5	272	NR	7.1
Total/Average (2Q 2015)		***96***	***90.3***		***2.0***	***2,897***	***261,618***						***123,710***	***1.0***				***137,908***	***1.1***				***6.5***	***273***	***0.1***	***7.4***
7/10/2015		17	15.0	22309.9	**0.5**	700	2,479,031						1,404,115	**0.2**	NR	36.8	36	201,512	**0.3**	NR	20.4	10	6.1	284	0.04	7.7
7/24/2015	One power interruption	14	13.7	22637.5	**2.2**	3,119	2,521,600						1,422,998	**1.0**	77.6	36.4	36	225,198	**1.2**	78.1	10.7	10	6.4	280	NR	7.6
7/31/2015	Carbon change & power interruption	7	4.3	22740.7	**2.1**	2,993	2,534,468						1,428,636	**0.9**	NR	NR	NR	232,428	**1.2**	NR	NR	NR	6.6	NR	NR	7.5
8/3/2015		3	3.1	22816.0	**2.3**	3,312	2,544,859						1,433,301	**1.0**	NR	36.4	36	238,154	**1.3**	NR	10.5	10	6.1	280	NR	7.2
8/20/2015		17	16.8	23219.5	**2.0**	2,916	2,593,887						1,454,320	**0.9**	NR	37.2	36	266,163	**1.2**	NR	10.5	10	6.5	282	0.02	7.5
9/1/2015	Air stripper high level alarm	12	8.2	23416.0	**2.0**	2,826	2,617,025						1,464,264	**0.8**	NR	40.9	36	279,357	**1.1**	NR	20.4	10	6.7	278	0.02	7.8
9/4/2015	Air stripper high level alarm	3	2.8	23483.1	**2.2**	3,105	2,625,707						1,468,063	**0.9**	NR	NR	NR	284,240	**1.2**	NR	NR	NR	6.6	NR	NR	9.0
9/17/2015		13	13.0	23794.2	**1.9**	2,681	2,660,465						1,482,300	**0.8**	78.5	36.0	36	304,761	**1.1**	77.7	10.5	10	6.8	285	NR	8.0
Total/Average (3Q 2015)		***86***	***76.9***		***1.7***	***2,497***	***191,939***						***82,962***	***0.7***				***108,977***	***1.0***				***6.5***	***282***	***0.0***	***7.8***

Table 8

SYSTEM OPERATIONAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD

DATE	COMMENT	SYSTEM OPERATION			SYSTEM INFLUENT FLOW			RW-1					RW-2					RW-4					AIR STRIPPER			LGACs
		Period (days)	Operating Days (days)	System Hours (hours)	**Average Flow Rate (gpm)**	Average Daily Discharge (gallons)	Cumulative Flow (gallons)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Cumulative Flow/ Totalizer (gallons)	**Average Flow Rate (gpm)**	Depth to Water (feet)	Water Column Thickness[1] (feet)	Setpoint[2] (feet)	Water Flow Rate (gpm)	Air Flow Rate (scfm)	Hydrocarbon Discharge Rate (lbs/day)	Water Flow Rate (gpm)
10/6/2015	One power interruption	19	16.1	24180.8	**1.8**	2,572	2,701,902						1,498,794	**0.7**	NR	38.9	36	329,704	**1.1**	NR	22.9	10	6.4	285	0.02	8.2
10/19/2015	One power interruption	13	12.2	24474.0	**1.8**	2,611	2,733,804						1,511,773	**0.7**	78.4	36.8	36	348,627	**1.1**	76.9	10.5	10	6.7	282	NR	7.7
11/3/2015		15	15.1	24836.3	**1.7**	2,413	2,770,226						1,526,099	**0.7**	NR	35.1	36	370,723	**1.0**	NR	10.7	10	6.4	280	NR	7.5
11/20/2015	One power interruption	17	16.4	25229.3	**1.7**	2,418	2,809,821						1,541,848	**0.7**	NR	36.0	36	394,569	**1.0**	NR	10.2	10	6.3	280	0.02	7.4
12/8/2015	One power interruption	18	16.6	25627.7	**1.6**	2,371	2,849,175						1,557,318	**0.6**	NR	36.0	36	418,453	**1.0**	NR	10.2	10	6.1	285	0.02	7.6
12/18/2015	One power interruption	10	9.2	25848.7	**1.7**	2,395	2,871,230						1,566,014	**0.7**	78.3	36.0	36	431,812	**1.0**	76.7	10.5	10	6.0	280	NR	7.5
Total/Average (4Q 2015)		***92***	***85.6***		***1.7***	***2,462***	***210,765***						***83,714***	***0.7***				***127,051***	***1.0***				***6.3***	***282***	***0.0***	***7.6***
1/4/2016		17	17.0	26256.5	**1.6**	2,354	2,911,235						1,581,866	**0.6**	NR	37.2	36	455,965	**1.0**	NR	9.4	10	6.5	282	0.02	7.2
1/19/2016	One power interruption	15	13.6	26582.7	**1.8**	2,575	2,946,238						1,596,663	**0.8**	78.2	37.2	36	476,171	**1.0**	76.8	10.5	10	6.3	280	NR	7.8
2/8/2016		20	19.9	27060.7	**1.8**	2,653	2,999,076						1,619,656	**0.8**	NR	36.4	36	506,016	**1.0**	NR	10.5	10	6.6	282	0.02	7.6
2/22/2016	Power interruptions (2) & carbon change	14	7.7	27245.7	**2.1**	3,010	3,022,278						1,629,294	**0.9**	NR	NR	NR	519,580	**1.2**	NR	NR	NR	6.6	280	NR	NR
3/4/2016	One power interruption	11	8.1	27440.5	**1.6**	2,293	3,040,889						1,631,095	**0.2**	NR	37.2	36	536,390	**1.4**	NR	10.7	10	6.6	280	0.01	7.8
3/18/2016	System shut down for piping repair	14	14.0	27775.9	**1.5**	2,184	3,071,409						1,632,383	**0.1**	39.7	NR	36	565,622	**1.5**	73.5	11.0	10	6.6	280	NR	7.8
3/22/2016		4	0.2	27779.8	**2.7**	3,920	3,072,046						1,632,390	**0.0**	39.9	39.4	14	566,252	**2.7**	73.5	23.4	10	6.3	NR	NR	7.6
Total/Average (1Q 2016)		***95***	***80.5***		***1.7***	***2,496***	***200,816***						***66,376***	***0.6***				***134,440***	***1.2***				***6.5***	***281***	***0.0***	***7.6***

Notes:

The system was in a trial shutdown period from July 14, 2014 to February 2, 2015.

[1] Water column thickness recorded by the recovery well transducer.

[2] Setpoint adjusts the pump flow rate to maintain a height of water above the pump/transducer approximately equal to the input to the pump controller.

[3] The change in the setpoint for RW-1 is because the transducer was replaced and the new transducer is located shallower in the well. The drawdown achieved by the pump remained consistent with the previous setpoint.

gpm: gallons per minute
scfm: standard cubic feet per minute
lbs/day: pounds per day
NR: Not Recorded
Depth to water for RW-1 and RW-2 on 2/7/13 was actually collected on 2/11/13.

APPENDIX A

Historical Activity Summary

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

1990:	Three underground storage tanks (UST) were installed.
August 09, 2005:	Three monitoring wells installed.
September 12, 2005:	Groundwater sampling event. MW1 benzene at 3 ppb and MTBE at 7 ppb, MW2 benzene at 4 ppb and MTBE at 7 ppb, MW3 benzene at 110 ppb and MTBE at 17,000 ppb, Station's supply well: MTBE at 0.5 ppb.
October 18, 2005:	MDE issued directive letter to Carroll Independent Fuel Company (CIFC) requiring the following: Perform a helium UST test to check for vapor leak of the gasoline USTs; test all spill catchment basins and containment sumps; conduct self audit of UST system; conduct semi-annual sampling of all monitoring wells and tank field monitoring pipes; conduct semi-annual sampling of the transient/non- transient drinking water supply well on-site; perform a half-mile well survey.
October 31, 2005:	Notification letters mailed to residents within half-mile radius of the station by BADPERM.
November 3, 2005:	17 private drinking wells sampled. Two homes were found to be above regulatory levels: 1606 Rayville Road with a concentration of MTBE at 2,670 ppb and 1608 Rayville Road at a concentration of MTBE at 851 ppb.
November 8, 2005:	MDE received faxed results of CIFC's testing results and drinking water sampling results from BADPERM for residences sampled in the immediate vicinity of the station. UST line testing was completed, all lines passed.
November 18, 2005:	MDE site visit to observe the installation of granular activated carbon (GAC) point of entry treatment (POET) systems 1606 Rayville Road and 1608 Rayville Road.
July 31, 2006:	Geophysical investigation conducted on-site. MDE requested a *Revised Work Plan* for the installation of monitoring wells based on geophysical data.
August 8, 2006:	The MDE site visit. SVE system began operation in the tank field area. Monitoring of the system including airflow measurements, photo-ionization readings, and vacuum measurements will be collected monthly.
August 10, 2006:	A *Revised Work Plan - June 1, 2006 was submitted to the MDE*. Report included the following: Results of the geophysical survey; a new proposal to install seven additional monitoring wells; three shallow, three deep and an overburden well; Additional down-hole geophysics proposed for each of these monitoring wells.
August 17, 2006:	MDE approved the June 1, 2006 *Revised Work Plan.*
January 31, 2007:	A *January 2007 Update Letter Report* was submitted to the MDE An off-site private well sampling program implemented for select drinking water wells in the area.
February 6, 2007:	A *Hydrogeologic Investigation Update Report and Work Plan* was submitted to the MDE. Seven additional monitoring wells installed on 08/30/06 on-site and off-site (MW3S, MW7A, MW7B, MW8A, MW8B, MW9A, MW9B). Downhole geophysical studies were performed on MW7A, MW7B, MW8A, MW8B, MW9A, MW9B. A *Proposed Work Plan* was submitted for supplemental investigation for abandonment of MW7B due to limited water yield, modification of monitoring well MW-9B well construction to increase well yield, installation of three additional monitoring wells (MW7C, MW10A and MW10B), aquifer testing via 48-hour pump test on two of the proposed wells, and down-hole geophysical study of the proposed wells.

HISTORICAL ACTIVITY SUMMARY (Continued):

March 21, 2007:	MDE issued *Notice of Violation NV-2007-067* to CIFC. This *Notice* required CIFC to complete the following activities: Groundwater samples must be collected from all wells including deep wells 7B, 8B and 9B. Samples must be analyzed using EPA Methods 8260 and 8015B. Groundwater samples must be collected from the fracture zones identified in the hydrogeologic report. Submit a *Work Plan* to delineate the vertical extent of contamination. Extend the soil vapor extraction (SVE) system to include MW-3, MW-4 and MW-5. MDE approves the installation of MW-10A and MW-10B and performance of an aquifer test on MW-10A only.
March 26, 2007:	A *Groundwater Sampling Work Plan* was submitted to the MDE. A groundwater sampling event was scheduled for April 3 and 4, 2007 in compliance with MDE's request of March 21, 2007.
June 15, 2007:	A *Hydrogeologic Investigation Update Report, Groundwater Delineation Work Plan and Soil Alternative Corrective Action Plan* was submitted to the MDE which included the following; Installation of upper and lower bedrock monitoring wells 10A and 10B, with analytical sampling results. Results of 72-hour aquifer pumping test. Proposed the installation of seven additional monitoring wells, three in the upper bedrock, and four in the lower bedrock. Soil Alternative Corrective Action Plan proposed a soil boring investigation and SVE Pilot Study.
July 30, 2007:	A *Pump Testing Report* was submitted to the MDE summarizing the May 23 through June 4, 2007 pump test on the upper bedrock aquifer, a step-drawdown test, a 72-hour constant rate pump test, and a recovery test.
November 2, 2007:	MDE issued a *RE: Notice of Violation NV-2007-067* to CIFC. MDE reviewed the *Hydrogeologic Investigation Update Report and Work Plan* - June 15, 2007 and the *Pump Testing Report* - July 30, 2007 and approved the work outline based on the following modifications: Of the seven monitoring wells to be installed, a cluster of wells is to be located behind the bait shop. The "B" Series wells may have to extend to 120 feet (ft). Monitoring wells MW-7B and MW-9B may have to be reduced in depth from 242 to 120 ft. Sampling of the wells should occur at least two hours after well purging to allow for recharge. Soil bores may be taken continuously or in 5-foot intervals. Implementation of SVE pilot testing will be re-evaluated after soil boring. Potable well sampling must be conducted.
December 31, 2007:	A *Soil Boring Investigation Results* Report was submitted to the MDE. Soil borings SB-12 through SB-22 were installed to further determine the extent of the contamination.
February 11, 2008:	A site meeting with the MDE was held to discuss the locations of future off-site monitoring wells.
July 28, 2008:	Two additional off site monitoring wells (MW-11A and MW-11B) were installed in June 2008.
November 12, 2008:	Three monitoring wells (MW-11A, MW-13A, and MW-14A) were installed in the upper bedrock with depths of 60 ft below ground surface (bgs). Five monitoring wells (MW-5B, MW-11B, MW-12B, MW-13B, MW-14B) were installed into the lower bedrock, with total depths of 100 ft bgs. Two deep bedrock monitoring wells (MW-7B and MW-9B) were reconstructed and the depths are now 120 ft bgs.
February 26, 2009:	A *Corrective Action Plan (CAP)* was submitted to the MDE which provided a conceptual remedial design with proposed pilot test work to support a remedial design for the Site.

HISTORICAL ACTIVITY SUMMARY (Continued):

May 28, 2009:	The MDE issued a directive to CIFC requesting a CAP Addendum and Potable Well Investigation Work Plan.
August 21, 2009:	A *CAP Addendum* was submitted to the MDE. The *CAP Addendum* outlined a borehole geophysical investigation at 1606, 1608 & 1612 Rayville Road, SVE point installation, conceptual design of a groundwater pump and treat remedial system and SVE remedial system to address residual hydrocarbon impacts at the Site.
October 14, 2009:	The MDE approved the *CAP Addendum*, but required some modification which included the installation of clustered monitoring wells southwest of monitoring wells MW-16A/B.
May 10-20, 2010:	Monitoring wells MW-15, MW-16A/B, MW-17A/B and MW-18A/B, recovery wells RW-1, RW-2 and RW-3, and soil vapor extraction well SVE-5 were installed.
August 10, 2010:	A meeting was held with the MDE, Carroll and Environmental Alliance (Alliance) to discuss the case and the *CAP Addendum*.
August 16, 2010:	Groundwater & Environmental Services, Inc. (GES) is added as a second consultant to the case.
August 27, 2010:	Alliance submitted an *Additional Monitoring Well Installation Work Plan* to the MDE which plans to install one monitoring well cluster 150 ft southeast of MW-16A/B and another cluster 330 ft south-southwest of MW-16A/B.
October 14, 2010:	GES submits an *Infiltration Pilot Test Work Plan* to the MDE.
December 17, 2010:	The MDE approves the installation of the two cluster wells proposed by Alliance down gradient of MW-16A/B. The MDE requires that a pumping test be conducted on all three recovery wells to test water depletion at the Site.
January 11, 2011:	GES submits a *Pumping Test Work Plan* to the MDE which will be conducted on RW-1, RW-2 and RW-3.
January 14, 2011:	GES submits a *Pumping Test Work Plan Addendum* to the MDE which outlines the infiltration of groundwater which will be pumped from the subsurface during the Pump Test. Prior to discharge, all groundwater will be treated with granular activated carbon units and will comply with the General Discharge Permit 2010-OGR-5093/NPDES Permit MDG915093.
March 8, 2011:	The MDE issues a *Work Plan Approval* to CIFC to commence Pump Test Activities.
March 18, 2011:	CIFC and the State of Maryland, Department of the Environment sign a Consent Agreement which addresses the investigation and remediation at the Site. New quarterly deadlines are agreed up which require Quarterly monitoring Repots be submitted to the Department by the 15th of February, May, August and November.
April 18, 2011:	GES, Alliance, and MDE meet onsite to approve locations for offsite monitoring wells to be installed down-gradient of monitoring wells MW-16A/B.
April 25-28, 2011:	Pumping Test activities, under the direction of GES commenced at the Site. On the last day of the pump test, an infiltration test was conducted on monitoring well MW-8A/B.
June 29, 2011:	GES submitted a *Pumping Test Summary and Corrective Action Plan Addendum* to the MDE outlining the findings from the Pump test conducted in April 2011. The Report recommends that a groundwater pump and treat (P&T) remediation system be installed at the Site to remove subsurface hydrocarbon impacts.

HISTORICAL ACTIVITY SUMMARY (Continued):

July 7, 2011:	GES submitted a *Borehole Infiltration Test Work Plan* to the MDE which proposed procedures regarding the infiltration of treated groundwater discharge from the P&T system.
August 12, 2011:	A meeting was held with GES, MDE and CIFC to provide supplemental information concerning the submitted *Pumping Test Summary and Corrective Action Plan Addendum*.
August 18, 2011:	GES installed five infiltration boreholes ranging in depths from 5-16 ft below ground surface in the area of the proposed infiltration gallery.
August 19, 2011:	Borehole testing was conducted by GES using constant head falling head test and a referenced high falling head tests.
August 24, 2011:	GES submitted a *Preliminary Infiltration Gallery & Remedial System Design* to the MDE.
August 29, 2011:	The MDE approved the CAP Addendum submitted on June 29, 2011 with some modifications. The MDE required that a *CAP Implementation Plan* be submitted to the Department by September 30, 2011.
September 15, 2011:	GES submitted a *Corrective Action Plan Implementation Plan* to the MDE. The plan outlines a schedule for the installation of a P&T system at the Site.
October 10, 2011:	Commencement of construction activities associated with the installation of the P&T system.
October 17, 2011:	The MDE approved the *CAP Implementation Plan* submitted by GES on September 15, 2011. The approval included a schedule for system startup and required activities during initial P&T system operation.
October 17-18, 2011:	Two infiltration gallery trenches (each 35 ft long, 5 ft wide, 8 ft deep) were installed.
November 9-11, 2011:	Monitoring wells MW-21, MW-22, MW-23, MW-24B and MW-25B were installed.
November 18, 2011:	A *Interim Contingency Discharge Plan* was submitted to the MDE.
November 15, 2011:	Monitoring wells 7A/B and 8A/B were repaired by replacing the manway and well pads.
November 30, 2011:	The P&T groundwater system was turned on with groundwater recovery from RW-1 and RW-2. Treated groundwater was stored in a fractionation tank pending laboratory results.
December 6, 2011:	The P&T groundwater system began discharging to the infiltration gallery trenches. Increase monitoring well gauging and monitoring of the P&T system began as per the approved *CAP Implementation Plan*.
December 13, 2011:	Well gauging frequency was reduced to once per week.
December 27-28, 2011:	Downtime occurred due to a bag filter fouling.
January 3, 2012:	O&M frequency was reduced to once per week.
January 16, 2012:	GES submitted a *System Operation Summary Report* to the MDE. This report summarizes the 30 days of system operation.
January 18-20, 2012:	GES conducted quarterly/45-day groundwater sampling event.
January 25-26, 2012:	A phone call and email exchange between the MDE and Carroll provided a memorandum of requirements. The MDE required submittal of an *Update Report* documenting required repairs to MW-7B and MW-8B. Based on elevated water levels in MW-7B and MW-8B, the MDE believes this is a result of surface water infiltration into the wells.
January 31, 2012:	GES conducted a monitoring well integrity test regarding surface water infiltration problem in monitoring wells MW-7B and MW-8B.

HISTORICAL ACTIVITY SUMMARY (Continued):

February 8, 2012:	GES added new wells seals to MW-7B and MW-8B and conducted another monitoring well integrity test to confirm surface water infiltration problem was solved.
February 15-22, 2012:	GES added new cast iron sanitary seals to MW-7B and MW-8B as a backup, for surface water infiltration, to the new wells seals installed on February 8, 2012. GES technician noticed MW-7B had a water level to the seal again and made note that the water was entering from the bottom of the manhole. Hydraulic cement was used to seal the space between the well casing and the manhole skirt to fix this issue.
February 16, 2012:	GES submitted a *System Operation Summary Report* to the MDE. This report summarizes the first 60 days of system operation.
February 23, 2012:	GES submitted *Update Report on Monitoring Wells MW-7B & MW-8B* to the MDE.
February 25-27, 2012:	The P&T groundwater system shut down due to a suspected power outage.
March 1, 2012:	O&M visits and system sampling was reduced to twice per month and well gauging to once per month.
March 5-9, 2012:	GES conducted 90-day groundwater sampling event.
March 6, 2012:	GES submitted a *Potable Well Replacement: 1606 and 1608 Rayville Road* letter to Baltimore County Department of Environmental Protection and Sustainability (DEPS) and the MDE discussing the plan to connect the P&T system to potable wells.
March 15, 2012:	GES submitted a *System Operation Summary Report* to the MDE. This report summarizes the first 90 days of system operation.
March 26, 2012:	On-site meeting with MDE and Baltimore County DEPS regarding alternate potable well and septic reserve locations for the 1608 Rayville Road property.
November 29, 2012:	The vault for recovery well RW-1 was replaced.
December 19, 2012:	GES obtained the access agreement for the 1608 Rayville Road property to conduct the replacement of the existing potable and to connect it to the P&T system.
January 9, 2013:	The manholes for MW-1 and MW-4 were replaced.
January 31, 2013:	The manhole for MW-2 was replaced.
March 3, 2013:	The manholes for MW-6, MW-10A, and MW-10B were replaced.
March 19, 2013:	On-site meeting with MDE, Baltimore County DEPS, a representative from B.L. Myers, and the property owner regarding the replacement well location and
May 2-8, 2013:	An open-hole bedrock well was installed at the Rayville Road property to 402 ft bgs with 75 ft of six-inch steel casing.
May 17 & 20, 2013:	A yield test was carried out over two days at the newly installed bedrock well at 1608 Rayville Road.
July 10, 2013:	GES submitted a *Replacement Potable Well Installation Report* to the MDE.
September 10, 2013:	GES submitted an *Off-site Remedial Activities Work Plan* and a *Request to Revise the Monitoring and Potable Well Sampling and Monitoring Program* to the MDE.
October 1, 2013:	GES begins conducting residential potable well sampling activities at the site, formerly completed by Environmental Alliance.
November 2013:	The property owner of 1608 Rayville Road vacates the property limiting the potable water usage and accessibility to collect monthly POET system influent samples at this location.

HISTORICAL ACTIVITY SUMMARY (Continued):

November 5, 2013: The MDE responded to the September 10, 2013 *Off-site Remedial Activities Work Plan* and a *Request to Revise the Monitoring and Potable Well Sampling and Monitoring Program* denying the modifications to the monitoring program as request by GES. The Department allowed the reduction of sample frequency from quarterly to semi-annually for 1620 and 1624 Rayville Road and from semi-annually to annually for 19201, 192013, and 19215 Shandall Court. They also requested a project review meeting.

December 3, 2013: A project review meeting was conducted at MDE headquarters in Baltimore with CIFC, MDE and GES. Reductions to the monitoring program and off-site remediation activities were discussed.

December 23, 2013: GES submits an *On-Site Remedial Activities Work Plan* to the MDE which proposes to pulse the groundwater remediation system.

January 7, 2014: The MDE issued a *Response to Meeting* letter. The Department approved the reduction of monitoring well gauging frequency from monthly to quarterly Infiltration gallery wells will continue to be gauged on a monthly basis. The Department also allowed the reduction of POET system sample frequency from monthly to quarterly for 1606 and 1612 Rayville Road. In regards to offsite remediation, the department required monthly updates regarding offsite access to 1608 Rayville Road and the submittal of step test discharge treatment plan be submitted to the MDE by January 15, 2014.

January 15, 2014: GES submitted the *1608 Rayville Road Step-test Water Treatment Plan* to the MDE

January 17, 2014: The MDE approved the *On-Site Remedial Activities Work Plan* via email requiring increase monitoring frequency of select monitoring and potable wells during system pulsing activities. The department requires:

- All four infiltration gallery wells, Recovery wells RW-1 and RW-2, and monitoring wells MW-4, MW-10A, MW-10B, MW-24B, MW-7A, MW-7B, MW-18A and MW-18B must be gauged twice per month.
- Groundwater samples must be collected from recovery wells RW-1 and RW-2 twice per month during system deactivated and re-activation.
- 1606 Rayville Road influent sampling must be conducted monthly.
- A laboratory data summary of the system influent, recovery wells RW-1 and RW-2, and potable well 1608 Rayville road must be submitted to the MDE in within 5 days of the laboratory results receipt.

January 23, 2014: Onsite remediation system pulsing activities begin.

February 3, 2014: CIFC submitted a *Notice of Dispute* to the MDE in response to a stakeholder meeting held on December 3, 2013 and an MDE *Response to Meeting* letter dated January 7, 2014.

February 7, 2014: During weekly O&M procedures, the groundwater P&T system was observed to be off on arrival. It was determined that pipes had frozen causing the system to shut down.

February 11, 2014: The groundwater P&T system was repaired and re-started.

February 18, 2014: The MDE issued a *Work Plan Approval* Letter in response to *On-Site Remedial Activities Work Plan.*

February 24, 2014: GES submitted the first System Data Pulsing Report to the MDE as required by the *On-Site Remedial Activities Work Plan* in email correspondence on January 17, 2014 and continued data transmittal letters as required.

HISTORICAL ACTIVITY SUMMARY (Continued):

March 6, 2014: The MDE issued a *Notice of Dispute Response.* The department required the following changes to the groundwater, POET and potable sampling program:

- Monitoring wells MW-5B, MW-6, MW-8A, MW-8B, MW-9A, MW-9B, MW-12B, MW-13A, MW-13B, MW-17A and RW-3 has been changed from quarterly to semi-annually.
- Potable well sampling frequency has been changed from quarterly to semi-annually at 19200 Middletown Rd (all 3 wells), quarterly to semi-annually at 1614 Rayville Rd, and quarterly to semi-annually at 1616 Rayville Rd.
- The following potable wells are no longer required to be sampled: 19201, 19203, 19205, 19207, 19209, 19211, 19213, 19214 and 19215 Shandall Ct.
- The department suspends the requirement for additional delineation of the groundwater in the vicinity of monitoring wells MW-16A/B.

June 3, 2014: GES submitted an *On-site Remedial Activities Work Plan – Trial Shutdown*. This work plan discuses recent, ongoing and future activities related to the operation of the groundwater pumps in recovery wells RW-1 and RW-1.

July 10, 2014: The MDE approved a request to discontinue bi-monthly reporting regarding system pulsing activities with the understanding that the data will be presented in quarterly monitoring reports.

July 15, 2014: The MDE issued an *Approval of Trial Shutdown* for the on-site P&T system. The system will remain off until January 2015. Sampling frequency of potable wells at 1606, 1608 and 1612 Rayville Road is increased to monthly during the trial shutdown period.

July 23, 2014: Carroll completed the purchase of 1608 Rayville Road property.

September 3-5, 2014: GES conducted a step test on 1608 Rayville Road potable well as outlined in the September 10, 2013 *Off-site Remedial Activities Work Plan* and January 15, 2014 *1608 Rayville Road Step-test Water Treatment Plan.*

September 30, 2014: GES submitted an *On-Site and Off-Site Remedial Activities Summary* to the MDE which summarized most recent groundwater concentrations and a pumping test which occurred on the well at 1608 Rayville Road. GES recommended that the well at 1608 Rayville Road be connected to the onsite groundwater pump and treat system.

November 18, 2014: The MDE issued an *Approval of System Modification* approving the continuation of the system trial shutdown period and the connection of the well at 1608 Rayville Road to the onsite groundwater pump and treat system.

December 3, 2014: GES submitted an *On-Site and Off-Site Remedial Activities Summary* to the MDE which summarized the most recent groundwater concentrations and outlined a scheduled for the well at 1608 Rayville to be connected to the onsite groundwater pump and treat system.

December 17, 2014: GES connected the potable well at 1608 Rayville Road to the onsite groundwater pump and treat system and converted the potable well to recovery well RW-4

January 7, 2015: GES submitted an *On-Site and Off-Site Remedial Activities Summary* to MDE which summarized the monitoring conducted since the trial shutdown of the P&T system began, outlined a schedule for connecting 1608 Rayville Road potable well to the pump and treat system, and provided a schedule for maintenance and discharge sampling and potable and monitoring well sampling.

January 12, 2015: GES installed a pump in RW-4.

January 13, 2015:	The MDE approved GES' continued shutdown of the remediation system beyond the 6-month trial period.
January 14, 2015:	GES installed a transducer and electrically connected RW-4 to the remediation system.
January 23, 2015:	GES received the MDE's *Second Approval of the System's Modifications – January 20, 2015*.
January 28, 2015:	GES notified the MDE of the re-start of the P&T system scheduled for February 2, 2015.
February 2, 2015:	GES reactivates the P&T system, turning on pumps in RW-2 and RW-4.
February 6, 2015:	GES submitted *2014 Semi-Annual Withdrawal Report – January 28, 2015* to the MDE.
March 2, 2015:	GES submitted *Report of Results*, summarizing the P&T system trial shutdown to the MDE.
April 13, 2015:	GES received a letter from the MDE gave continuing approval of GES' recommendation to operate the remediation system using recovery wells RW-2 and RW-4 after review of *Report of Results – March 2, 2015*.
May 12, 2015:	GES submitted *First Quarter 2015 Monitoring Report – May 15, 2015* to the MDE.
June 22, 2015:	GES submitted *2015 Semi-Annual Withdrawal Report – June 16, 2015* to the MDE.
August 14, 2015:	GES submitted the *Second Quarter 2015 Monitoring Report – August 14, 2015* to the MDE.
January 13-19, 2016:	GES pumped down monitoring well 1608R's water column and recycled purged groundwater into the Site's system.
February 11, 2016:	GES submitted the *Fourth Quarter 2015 Monitoring Report – February 15, 2016* to the MDE.

APPENDIX B

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

Europhins Lancaster Laboratories
ID Numbers:
1621229
1624311
1624984
1624985
1630138
1630139
1630955
1631396
1631397
1631639
1634948
1638491
1639427
1643080
1643082

APPENDIX C

Monitoring Well Low-Flow Sampling Purge Data

Groundwater Sampling Data Collection Sheet

Well ID:	MW-7B	Site ID:	Carroll Wally's	Sample Date: 3-9-2016
Initial DTW / Time:	41.29 / 1330	Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:	6"	*Sample Method (cicle one)*		
Total Well Depth:		Low Flow	Sampling Tech(s): Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions: sunny	
Pump Intake depth:		Grab/No Pruge	Air Temp = 75°F-80°F	

Data Collection: Low Flow

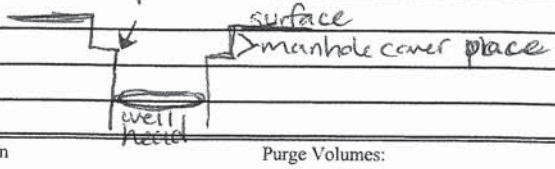
Time	DTW	Temp °C Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP mV Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1330	41.29	Just prior to lowering any equipment into well								
		N/A								
1349	40.70	After lowering equipment into the well & before turning on the pump								
1350	Purge Start Time									
1355	40.72	13.30	0.993	8.90	8.56	12.5	~70 mL/min, rate		clear	
1400	40.72	12.40	0.990	4.05	9.16	13.8	100 mL/min			
1405	40.72	12.15	1.002	1.62	9.36	13.7				
1410	40.72	12.24	1.016	0.72	9.45	12.1				
1415	40.72	12.29	1.018	0.56	9.46	11.8				
1420	40.72	12.31	1.019	0.49	9.47	11.0				
1425	40.74	12.36	1.020	0.36	9.47	10.7				
1430	40.75	12.36	1.020	0.32	9.48	10.1				
1435	40.77	12.36	1.020	0.35	9.49	9.7		~2 gal		
	Sample Collection Time	1440								
	Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling

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

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

DTW measured @ inner lip of manhole cover



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

Purge Volumes:

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

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-10B		Site ID:	Carroll Wally's	Sample Date: 3-4-2016
Initial DTW / Time:	34.84/1106		Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:	6"	*Sample Method (cicle one)*			
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions:	Sunny	
Pump Intake depth:		Grab/No Pruge	Air Temp =	75-80°F	

Data Collection: Low Flow

Time	DTW	Temp °C Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP mV Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1106	34.84	Just prior to lowering any equipment into well								
		NA								
1134	34.60	After lowering equipment into the well & before turning on the pump								
1135	Purge Start Time									
1140	34.73	17.70	0.465	5.80	7.65	108.6	50 ml/min		clear to light brown	
1145	34.81	16.07	1.041	1.94	7.76	119.7	↑ ~100-120 ml/min.			
1150	34.91	15.66	1.281	0.93	7.68	65.5				
1155	34.98	15.72	1.331	0.58	7.73	-60.0				
1200	35.04	15.69	1.342	0.40	7.75	-45.2				
1205	35.11	15.71	1.350	0.30	7.76	~~-90~~ -91.1				
1210	35.18	15.78	1.351	0.24	7.79	-117.1				
1215	35.25	15.75	1.353	0.21	7.79	-127.8				
1220	35.30	15.71	1.351	0.19	7.77	-137.1				
1225	35.37	15.44	1.351	0.18	7.82	-146.5				
1230	35.43	15.23	1.346	0.17	7.83	-156.5		~1-1.5 gal		
	Sample Collection Time 1235									
	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

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-11A		Site ID:	Carroll Wally's	Sample Date: 2-11-2016
Initial DTW / Time:	46.04/1027		Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:	6"	Sample Method (cicle one)			
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions:	partly cloudy	
Pump Intake depth:		Grab/No Pruge	Air Temp =	28°F @ 1300 at est	

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		____Unit	_____Unit	____Unit	NA	____Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10				
1027	46.04	Just prior to lowering any equipment into well								
		N/A								
1047	45.90	After lowering equipment into the well & before turning on the pump								
1050	Purge Start Time									
1055		water freezing in tubing, they came back ~~today~~								
		~~tomorrow~~								
1300	45.91	~~began~~ well before beginning pumping								
1300	purge	start time								
1305	46.46	11.36	1.108	21.31	4.85	77.8	~100 mL/min		clear	
1310	46.51	11.15	1.117	5.47	4.80	87.1				
1315	46.60	11.67	1.089	5.00	4.55	104.7				
1320	46.63	11.36	1.093	4.78	4.56	112.9				
1325	46.65	11.11	1.089	4.80	4.59	119.2		~1.5 gal		
	Sample Collection Time	1330								
	Purge StopTime	1340								

Data Collection: Purge and Sample / Grab Sampling

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

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

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

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-11B		Site ID:	Carroll Wally's	Sample Date: 2-11-2016
Initial DTW / Time:	42.95/ 1131		Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:	6"	Sample Method (cicle one)			
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions:		
Pump Intake depth:		Grab/No Pruge	Air Temp =	20°F, ~~snowing~~ lightly snowing	

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		°C Unit	mS/cm Unit	mg/L Unit	NA	mV Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10				
1131	42.95	Just prior to lowering any equipment into well								
		N/A								
1140	42.62	After lowering equipment into the well & before turning on the pump								
1140	Purge Start Time									
1140-1155 water freezing, put well cover over hole & managed to get flow to YSI										
1200	43.04	11.39	1.558	2.35	6.57	-90.5			clear	
1205	43.18	11.52	1.560	0.89	6.57	-93.2	~100 ml/min			
1210	43.31	11.15	1.565	0.72	6.59	-97.5				
1215	43.37	11.05	1.563	0.70	6.62	-100.2				
1220	43.45	11.20	1.561	0.69	6.63	-104.4		~1 gal		
	Sample Collection Time 1225									
	Purge StopTime 1230									

Data Collection: Purge and Sample / Grab Sampling

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

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

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

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-14B		Site ID:	Carroll Wally's	Sample Date: 2-10-2016
Initial DTW / Time:	40.72/1241		Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:	6"	Sample Method (cicle one)			
Total Well Depth:	105'	Low Flow	Sampling Tech(s):	Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions:	cloudy, windy	
Pump Intake depth:		Grab/No Pruge	Air Temp =	31°F	

Data Collection: Low Flow

Time	DTW	Temp °C Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP mV Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1241	40.72	Just prior to lowering any equipment into well								
		N/A								
1309	40.55	After lowering equipment into the well & before turning on the pump								
1310	Purge Start Time									
1315	40.73	12.10	0.497	7.37	6.76	73.1			clear	
1320	40.78	11.32	0.654	3.99	6.70	44.1				
1325	40.82	10.93	0.704	2.69	6.66	30.7	~55 mL/min, ↑ rate			
1330	40.88	10.75	0.729	1.82	6.66	16.7	~85 mL/min, ↑ rate			
1335	40.97	11.58	0.763	1.18	6.59	5.2	~117 mL/min			
1340	41.07	12.56	0.772	0.97	6.53	-4.6				
1345	41.24	13.39	0.782	0.78	6.53	-23.5				
1350	41.28	13.52	0.778	0.73	6.55	-30.7				
1355	41.41	13.38	~~0.768~~ 0.769	0.70	6.58	-40.5		1.5 gal		
	Sample Collection Time	~~1405~~ 1400								
	Purge StopTime	1407								

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

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-15		Site ID:	Carroll Wally's	Sample Date: 2-10-2016
Initial DTW / Time:	48.67/1600		Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:		Sample Method (cicle one)			
Total Well Depth:	2.	Low Flow	Sampling Tech(s):	Lindsay Keenan	
Water Column Length:		Purge/sample	Weather Conditions:	Overcast	
Pump Intake depth:	~58'	Grab/No Pruge	Air Temp ~30°F		

Data Collection: Low Flow

Time	DTW	Temp °C Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP mV Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1600	48.67	Just prior to lowering any equipment into well								
		N/A								
1614	~~48.67~~ 48.62	After lowering equipment into the well & before turning on the pump								
1620	Purge Start Time									
1625	48.76	10.18	0.554	8.22	5.41	40.8	182 ml/min, ↓rate	clear		
1630	48.83	11.49	0.565	5.59	4.99	81.1	142 ml/min, ↓rate			
1635	48.87	11.62	0.567	5.13	4.93	96.1	106 ml/min			
1640	48.85	11.50	0.568	4.97	4.92	103.9				
1645	48.85	11.48	0.566	4.94	4.92	111.3		1 gal		
	Sample Collection Time 1650									
	Purge StopTime 1655									

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):

well depth on record is 120', can't pass ~60' w/ wl tape/probe
tubing is ~54' long

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

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-16B		Site ID:	Carroll Wally's	Sample Date: 2-12-2016
Initial DTW / Time:	43.19/1500		Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:	6"	Sample Method (cicle one)			
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions:	~~very lightly~~ snowing	
Pump Intake depth:		Grab/No Pruge	Air Temp =	28°F	

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		°C Unit	mS/cm Unit	mg/L Unit	NA	mV Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10				
1500	43.19	Just prior to lowering any equipment into well								
		N/A								
1514	42.99	After lowering equipment into the well & before turning on the pump								
1515	Purge Start Time									
1520	43.18	7.07	0.251	15.71	6.18	19.1	~100 ml/min		clear	
1525	43.26	9.24	0.372	7.00	6.47	-49.3				
1530	43.33	10.26	0.420	2.67	6.70	-92.5	~100 ml/min			
1535	43.38	10.72	0.461	1.06	6.95	-132.8				
1540	43.41	10.86	0.472	0.69	7.07	-145.3				
1545	43.46	10.92	0.483	0.49	7.23	-161.2				
1550	43.48	10.95	0.485	0.42	7.29	-176.4				
1555	43.50	11.02	0.486	0.35	7.33	-171.9				
1600	43.52	11.10	0.487	0.33	7.36	-188.9				
1605	43.54	11.14	0.488	0.31	7.39	-200.7				
1610	43.56	11.11	0.488	0.32	7.39	-198.9				
1615	43.57	11.11	0.488	0.29	7.40	-208.4		~1.5-2 gal		
	Sample Collection Time 1620									
	Purge Stop Time									

Data Collection: Purge and Sample / Grab Sampling

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

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

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

Purge Volumes:

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-17B		Site ID:	Carroll Wally's	Sample Date: 2-10-2016
Initial DTW / Time:	29.28/1448		Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:	6"	Sample Method (cicle one)			
Total Well Depth:	~125'	Low Flow	Sampling Tech(s):	Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions:	overcast & breezy	
Pump Intake depth:		Grab/No Pruge	Air Temp =	31°F	

Data Collection: Low Flow

Time	DTW	Temp °C Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP mV Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1448	29.28	Just prior to lowering any equipment into well								
		N/A								
1459	29.05	After lowering equipment into the well & before turning on the pump								
1500	Purge Start Time									
1505	29.22	7.75	0.388	12.95	7.32	-67.8	132 ml/min	~~132 ml~~	clear	
1510	29.35	9.93	0.519	4.01	7.01	-112.8				
1515	29.47	10.41	0.549	1.27	7.01	-135.5				
1520	29.59	10.51	0.557	0.63	7.04	-150.2				
1525	29.70	10.20	0.559	0.56	7.07	-159.5				
1530	29.79	10.58	0.559	0.50	7.06	-163.2		~1.5 gal		
	Sample Collection Time	1535								
	Purge StopTime	1540								

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

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-18B		Site ID:	Carroll Wally's	Sample Date: 2-11-2016
Initial DTW / Time:	45.90/1432		Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:	6"	Sample Method (cicle one)			
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions:	partly sunny	
Pump Intake depth:		Grab/No Pruge	Air Temp =	20°F	

Data Collection: Low Flow

Time	DTW	Temp °C Unit ± 0.3 °C	Conductivity mS/cm Unit ± 3%	D.O. mg/L Unit ± 10%	pH NA ± 0.1	ORP mV Unit ± 10	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
1432	45.90	Just prior to lowering any equipment into well								
		N/A								
1440	45.65	After lowering equipment into the well & before turning on the pump								
1440	Purge Start Time									
1445		not enough H_2O yet								
1450	46.01	11.49	2.065	7.01	5.97	92.6	↓ rate		clear	
1455	46.13	11.07	2.138	1.29	5.93	91.0				
1500	46.17	10.93	2.132	1.12	5.95	84.9	~100 ml/min			
1505	46.30	11.22	2.142	0.96	5.89	84.8				
1510	46.31	11.18	2.144	0.95	5.90	83.9				
1515	46.41	11.01	2.142	0.84	5.93	82.2				
1520	46.47	10.91	2.141	0.79	5.89	79.1				
1525	46.53	10.74	2.139	0.72	5.87	76.8		~1.5 gal		
	Sample Collection Time 1530									
	Purge StopTime 1537									

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

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

LOW FLOW DATA

Well: MW-19A
Initial DTW & Time: 21.33'/1523

Site: Carroll-Wallys
Tech: Lindsay Keeney
Weather: 70°F, sunny

Date: 3-9-2016

Time	DTW	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH (NA)	ORP (mV)	Rate	Appearance
1529	21.18	After lowering equip & before begin purge						
1530	Began	Pump						
1535	21.46	12.38	0.087	1.04	7.09	-8.3	175 mL/min	clear
1540	21.51	11.97	0.085	0.52	6.92	-3.2	~100 mL/min	
1545	21.59	11.70	0.084	0.31	6.81	0.6		
1550	21.68	11.62	0.083	0.20	6.72	4.7		
1555	21.74	11.60	0.083	0.19	6.69	6.5		
1600	21.82	11.57	0.083	0.20	6.67	7.7		~1 gal purged

Sample Time: 1605

Groundwater Sampling Data Collection Sheet

Well ID:	MW-19B		Site ID:	Carroll Wally's	Sample Date: 3-9-2016
Initial DTW / Time:	3.89/1625		Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:	6"	*Sample Method (cicle one)*			
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions:	Sunny	
Pump Intake depth:		Grab/No Pruge	Air Temp =	70°F	

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		°C Unit	mS/cm Unit	mg/L Unit	NA	mV Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10				
1625	3.89	Just prior to lowering any equipment into well								
		N/A								
1634	3.53	After lowering equipment into the well & before turning on the pump								
1635	Purge Start Time									
1640	3.67	10.97	0.113	1.44	8.96	34.0	~140 mL/min		slightly cloudy brown	
1645	3.77	10.81	0.113	0.70	9.09	37.8				
1650	3.90	10.71	0.113	0.42	9.11	40.2				
1655	4.05	10.66	0.114	0.24	9.15	40.4				
1700	4.22	10.68	0.114	0.27	9.18	39.1				
1705	4.32	10.66	0.114	0.15	9.20	37.9				
1710	4.48	10.70	0.114	0.30	9.22	36.8				
1715	4.62	10.64	0.114	0.15	9.23	35.6				
1720	4.80	10.62	0.115	0.07	9.24	34.4				
1725	4.96	10.60	0.114	0.10	9.25	32.9				
1730	5.10	10.59	0.115	0.05	9.25	31.4				
1735	5.25	10.58	0.115	0.13	9.26	29.5		~3 gal		
	Sample Collection Time 1740									
	Purge StopTime									

Data Collection: Purge and Sample / Grab Sampling

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

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

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

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

Groundwater Sampling Data Collection Sheet

Well ID:	MW-20A		Site ID:	Carroll Wally's	Sample Date: 2-12-2016
Initial DTW / Time:	32.33/1117		Address:	19200 Middletown Rd, Parkton, MD	
Well Diameter:	6"	*Sample Method (cicle one)*			
Total Well Depth:		Low Flow	Sampling Tech(s):	Lindsay Keeney	
Water Column Length:		Purge/sample	Weather Conditions:	overcast/partly sunny	
Pump Intake depth:		Grab/No Pruge	Air Temp =	32°F	

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		°C Unit	mS/cm Unit	mg/L Unit	NA	mV Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10				
1117	32.33	Just prior to lowering any equipment into well								
		N/A								
1340	32.28	After lowering equipment into the well & before turning on the pump								
1340	Purge Start Time									
1345	32.28	11.07	0.576	10.51	4.83	69.3	370 ml/min		clear	
1350	32.28	11.54	0.582	8.49	4.69	83.8				
1355	32.28	11.58	0.584	7.93	4.68	98.1				
1400	32.28	11.59	0.583	7.77	4.70	106.6		~4 gal	v. minor silt particles	
~~1405~~										
	Sample Collection Time	1405								
	Purge Stop Time	1410								

Data Collection: Purge and Sample / Grab Sampling

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

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

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

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

dwater Sampling Data Collection Sheet

GES

	MW-20B	Site ID:	Carroll Wally's
DTW / Time:	33.18/1120	Address:	19200 Middletown Rd, Parkton, MD
l Diameter:	6"	Sample Method (cicle one)	Sample Date: 2-12-2016
Total Well Depth:		Low Flow	Sampling Tech(s): Lindsay Keeney
Water Column Length:		Purge/sample	Weather Conditions: slightly overcast/partly sunny
Pump Intake depth:		Grab/No Pruge	Air Temp = 31°F

Data Collection: Low Flow

Time	DTW	Temp	Conductivity	D.O.	pH	ORP	Flow Rate	Cumulative Purge Volume	Appearance of Purge Water	Comment
		°C Unit	mS/cm Unit	mg/L Unit	NA	mV Unit				
		± 0.3 °C	± 3%	± 10%	± 0.1	± 10				
1120	33.18	Just prior to lowering any equipment into well								
		N/A								
1159	33.15	After lowering equipment into the well & before turning on the pump								
1200	Purge Start Time									
1205	33.55	11.37	0.138	0.81	7.64	-121.7			Slightly murky to clear	
1210	33.57	11.41	0.150	0.45	7.78	-146.2				
1215	33.60	11.44	0.168	0.35	7.73	-153.5	200 ml/min			
1220	33.60	11.40	0.187	0.27	7.58	-141.6				
1225	33.60	11.41	0.200	0.26	7.41	-126.1				
1230	33.60	11.42	0.213	0.27	7.20	-108.5				
1235	33.58	11.36	0.221	0.29	7.02	-94.4				
1240	33.58	11.36	0.222	0.32	6.90	-85.3				
1245	33.58	11.35	0.229	0.35	6.78	-76.7				
1250	33.58	11.38	0.239	0.34	6.71	-72.0				
1255	33.56	11.36	0.248	0.34	6.61	-64.5				
1300	33.56	11.36	0.253	0.36	6.53	-57.9	~5 gal			
	Sample Collection Time 1305									
	Purge StopTime 1310									

Data Collection: Purge and Sample / Grab Sampling

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

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

conductivity's were just out of range @ 0.001ths, hit bar mark anyways for ~~purge time~~ ending purge time & sampling ~~for~~ either stabilized or not per GES procedure.

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

Purge Volumes:

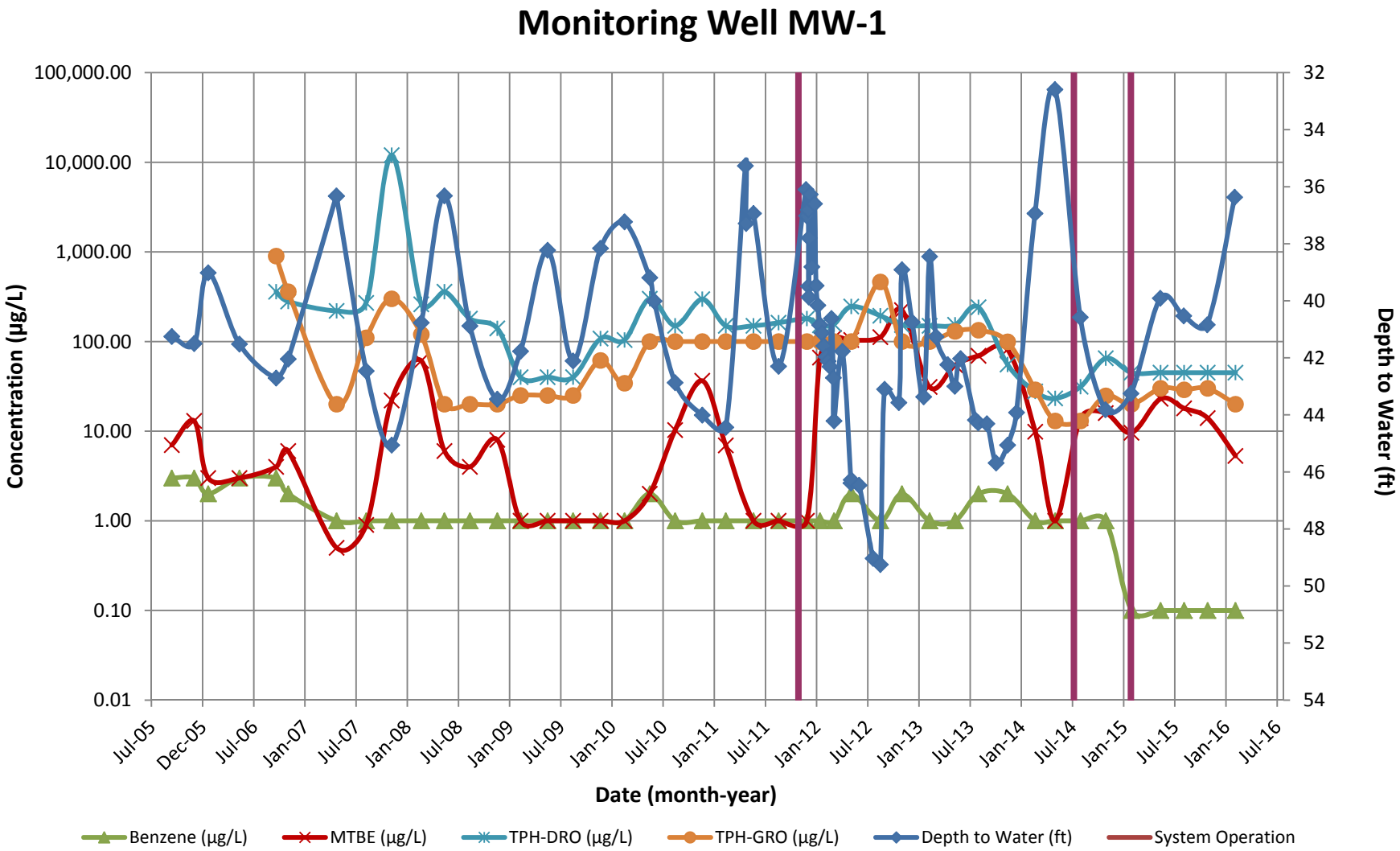
2-inch diameter well:
0.16 gal./ft x _____ (linear feet of water) = gallons of water
4-inch diameter well:
0.65 gal./ft x _____ (linear feet of water) = gallons of water

APPENDIX D

Concentration Hydrographs

CONCENTRATION HYDROGRAPHS

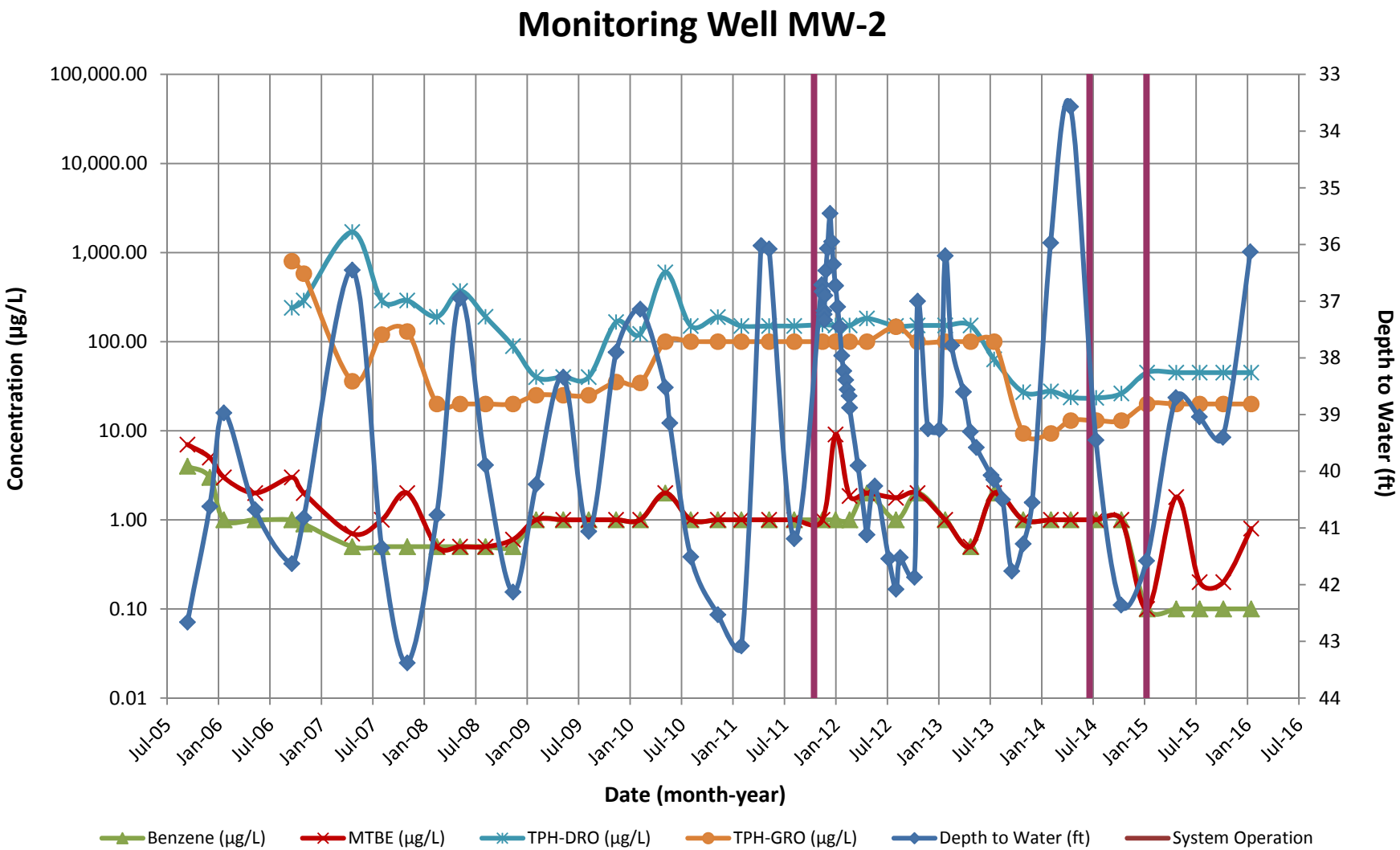
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

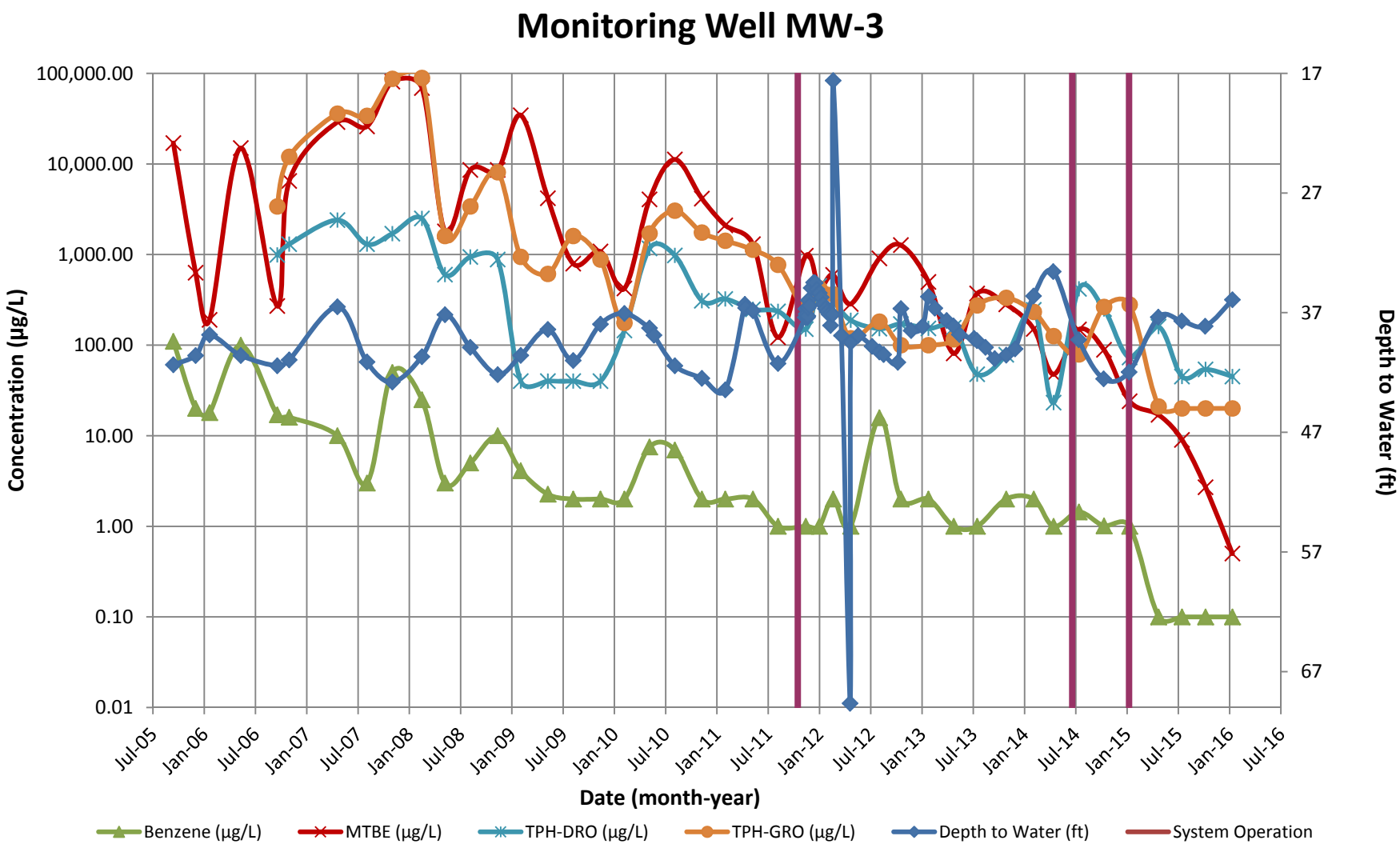
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

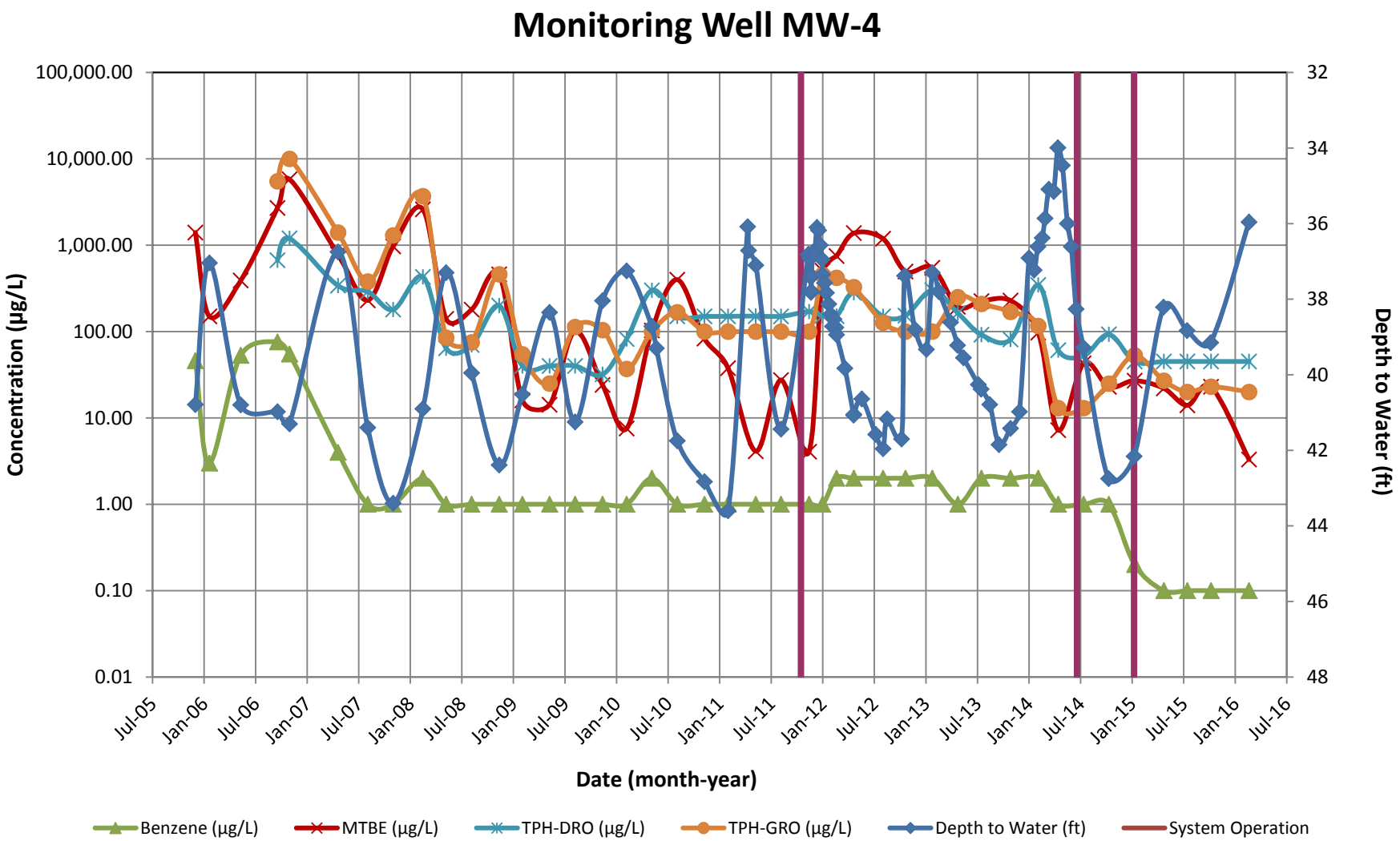
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

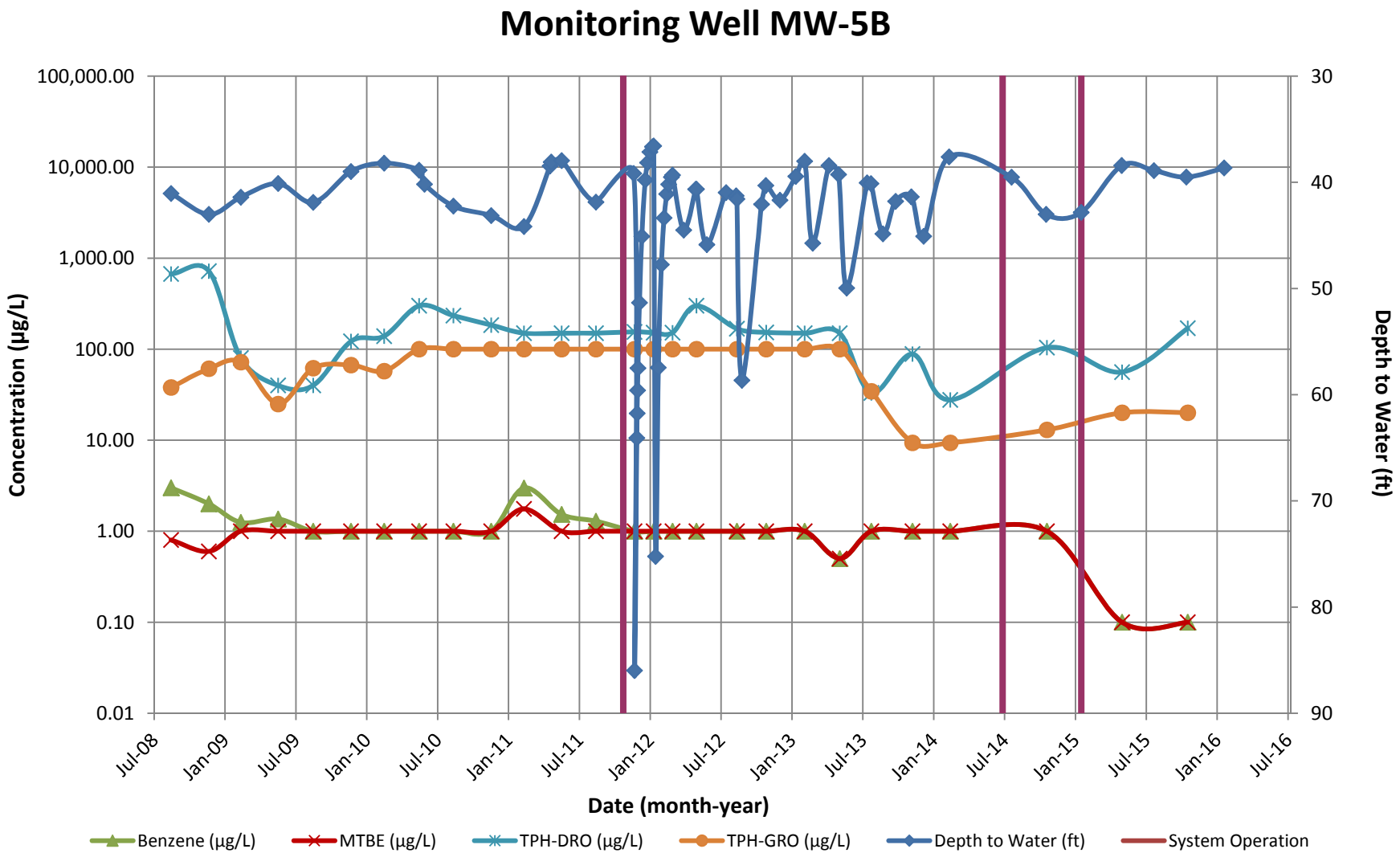
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

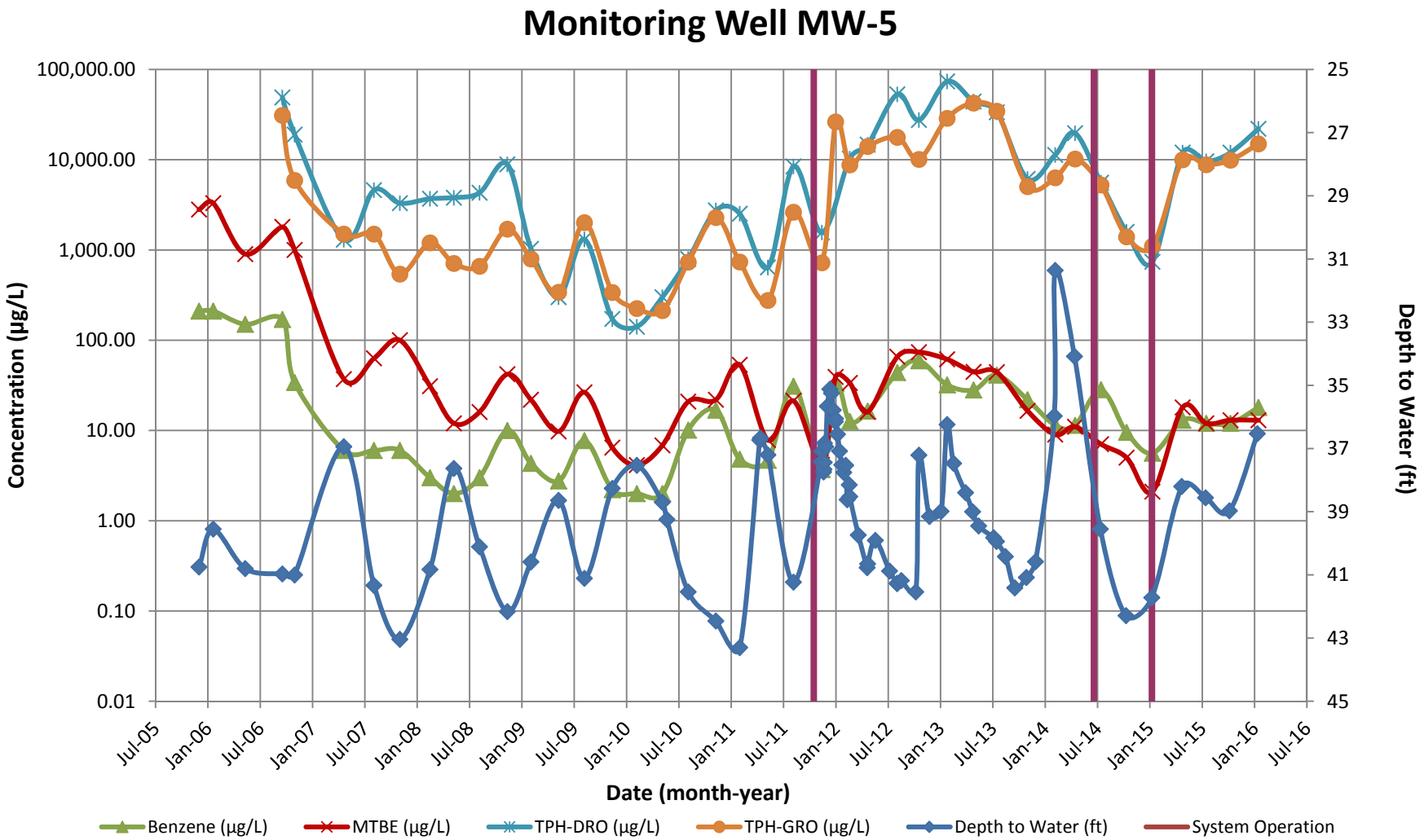
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

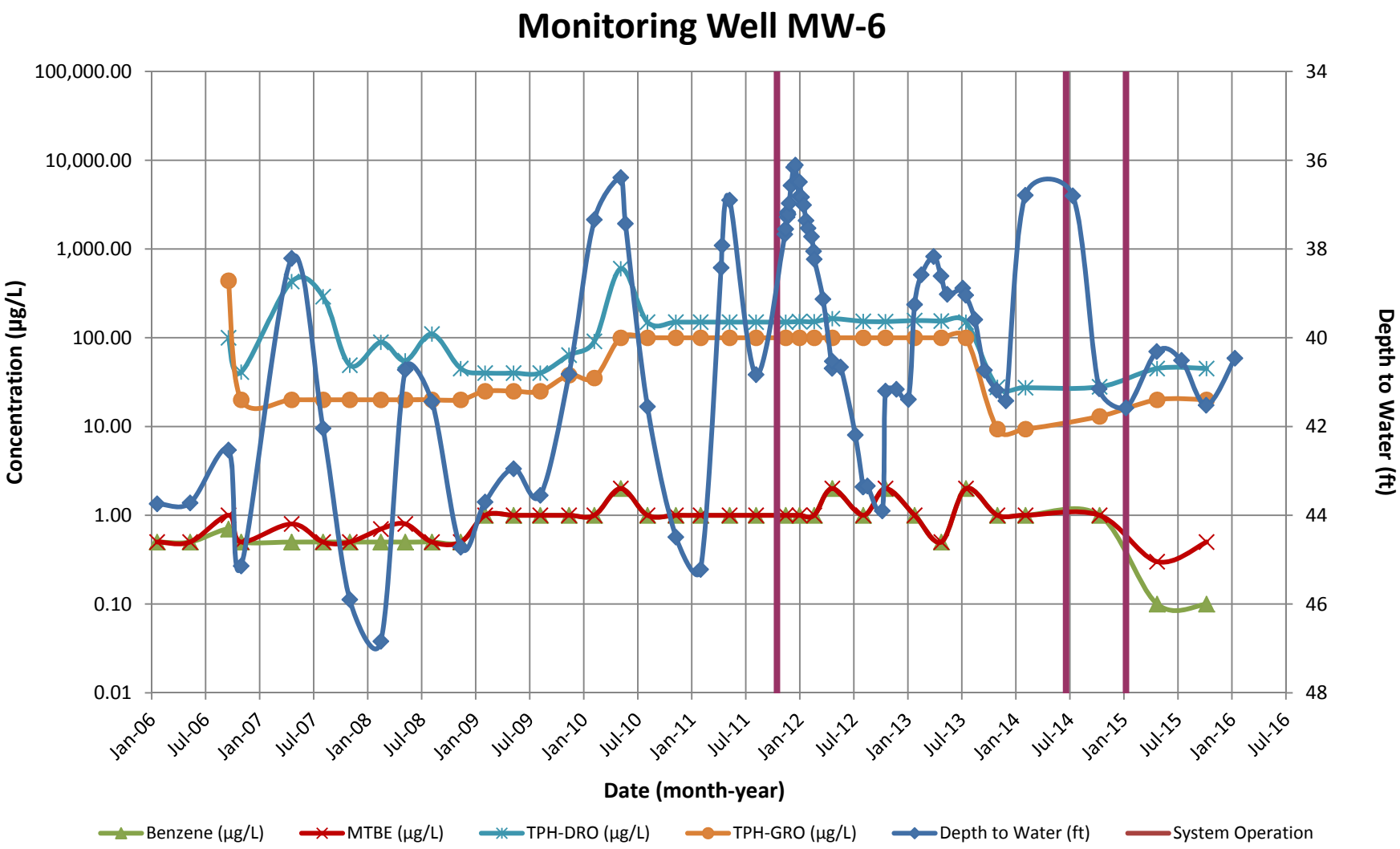
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Notes: 1. The maximum TPH-DRO concentration is 73,600 µg/L.
2. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

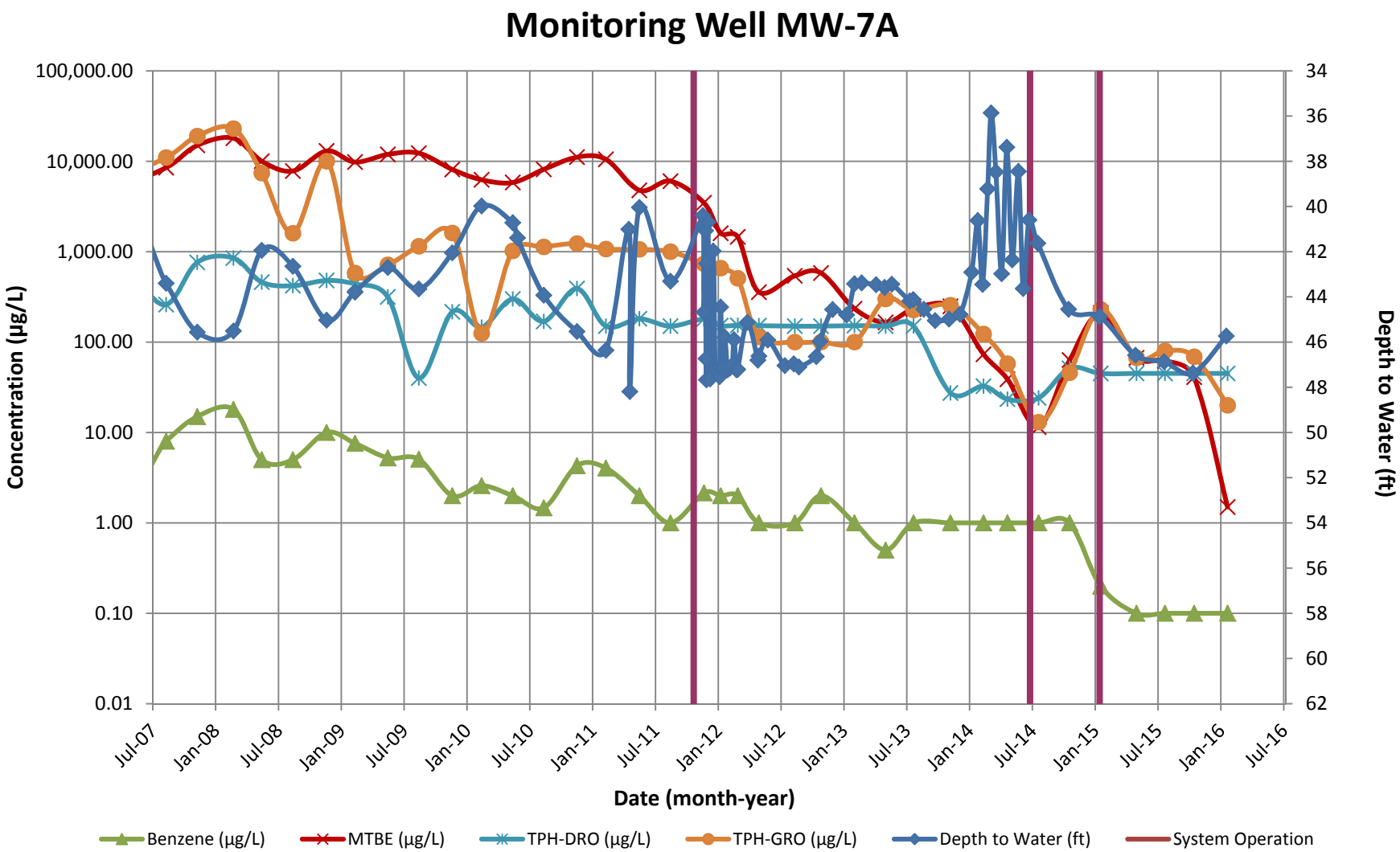
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

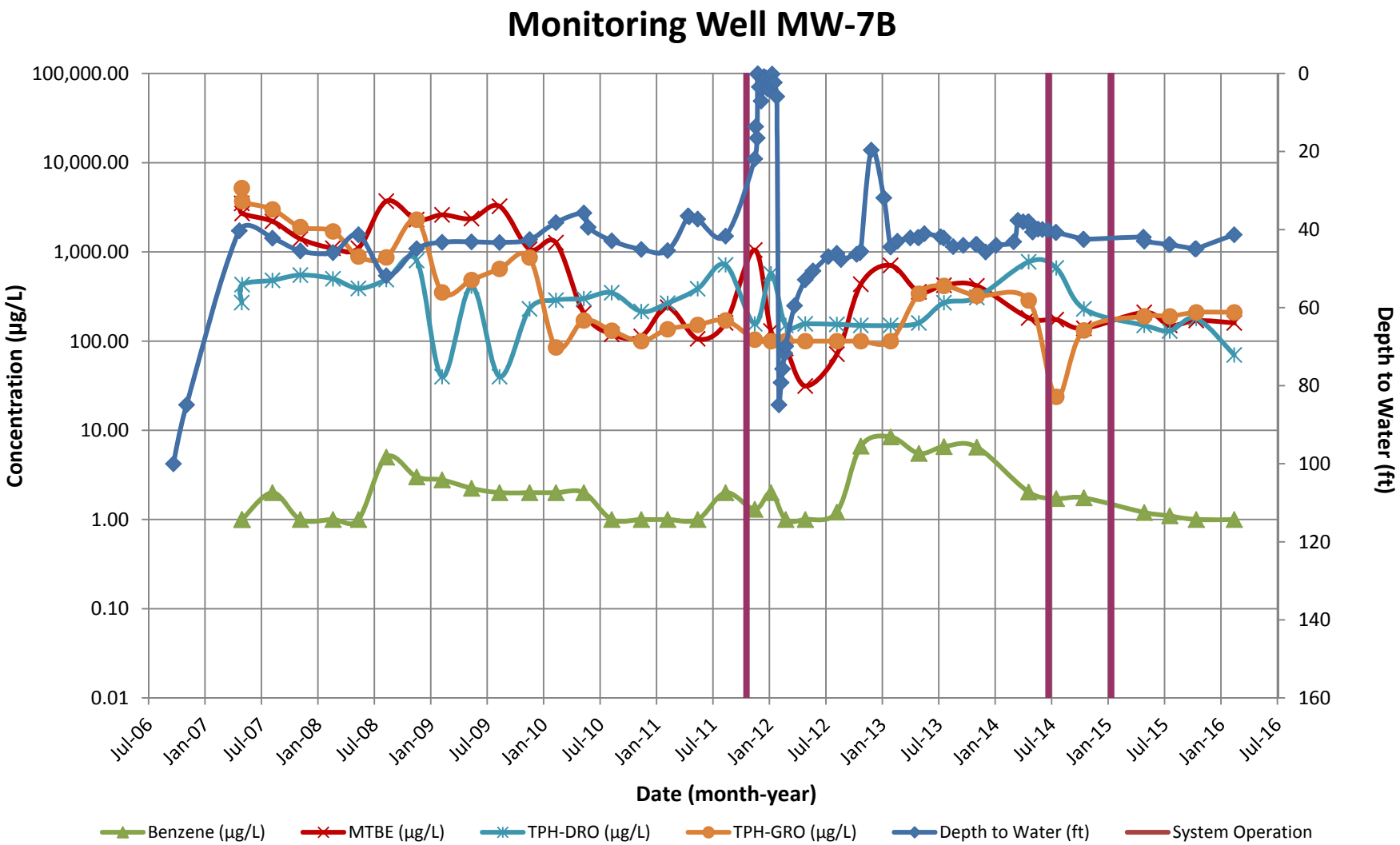
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

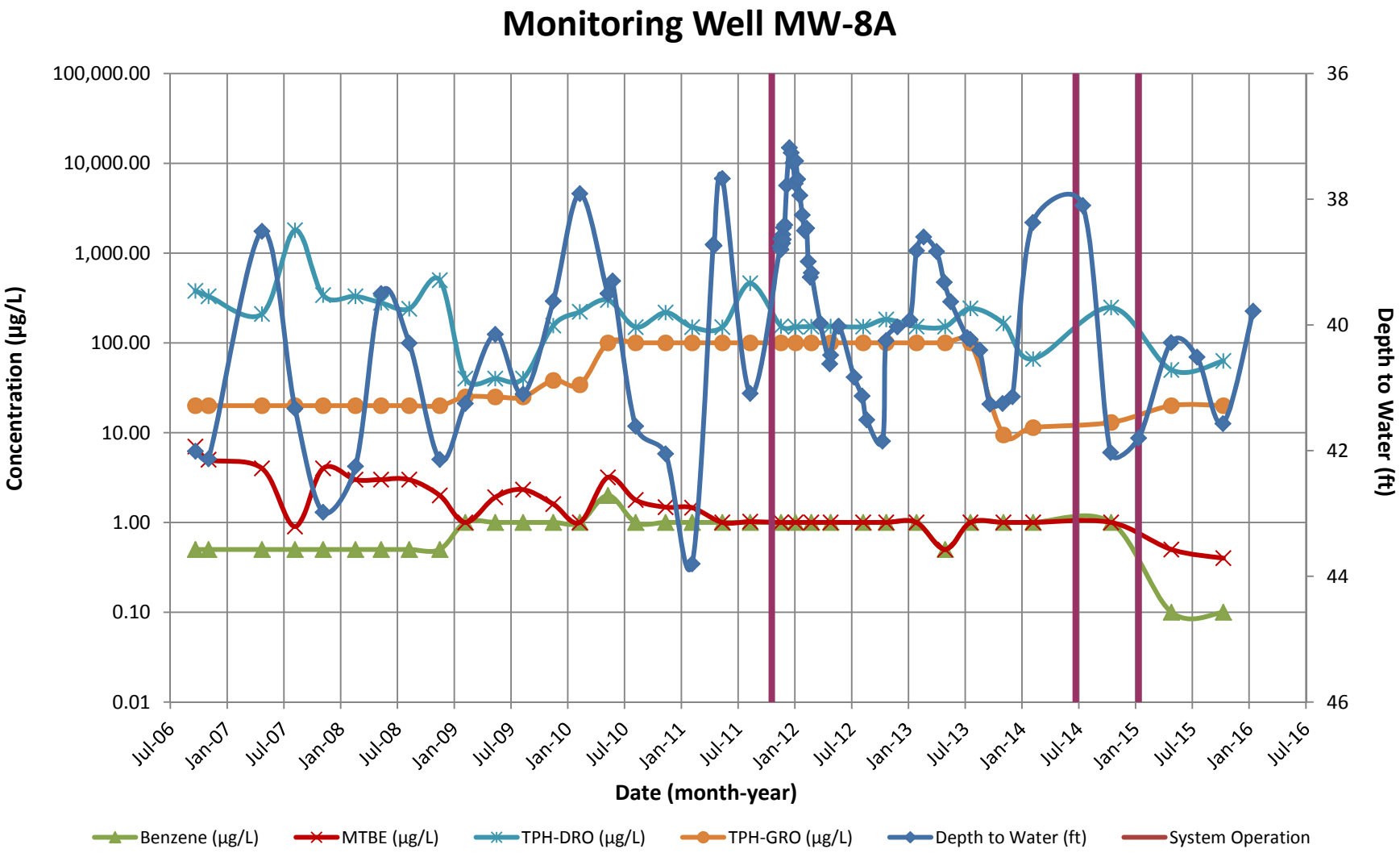
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

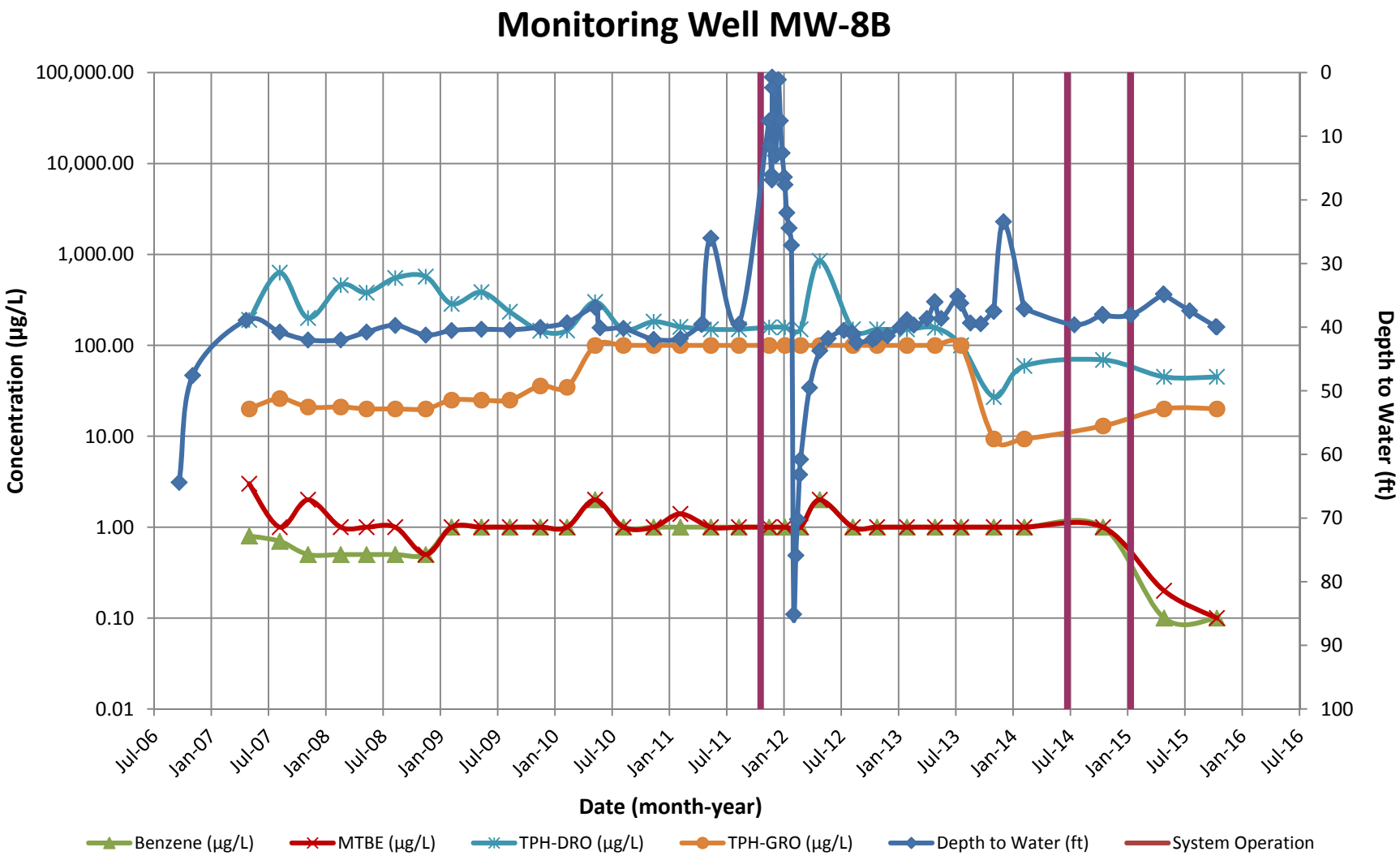
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

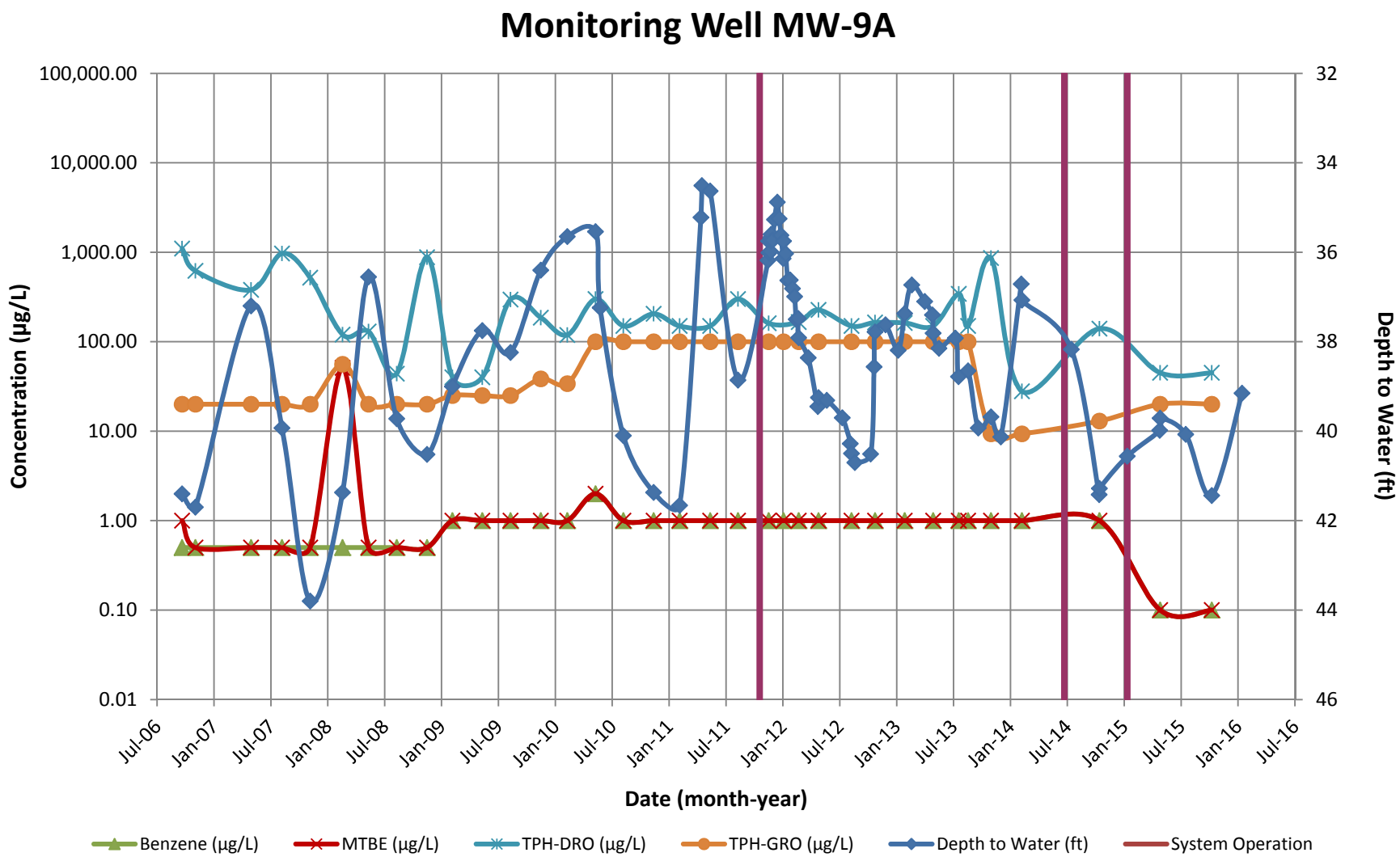
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

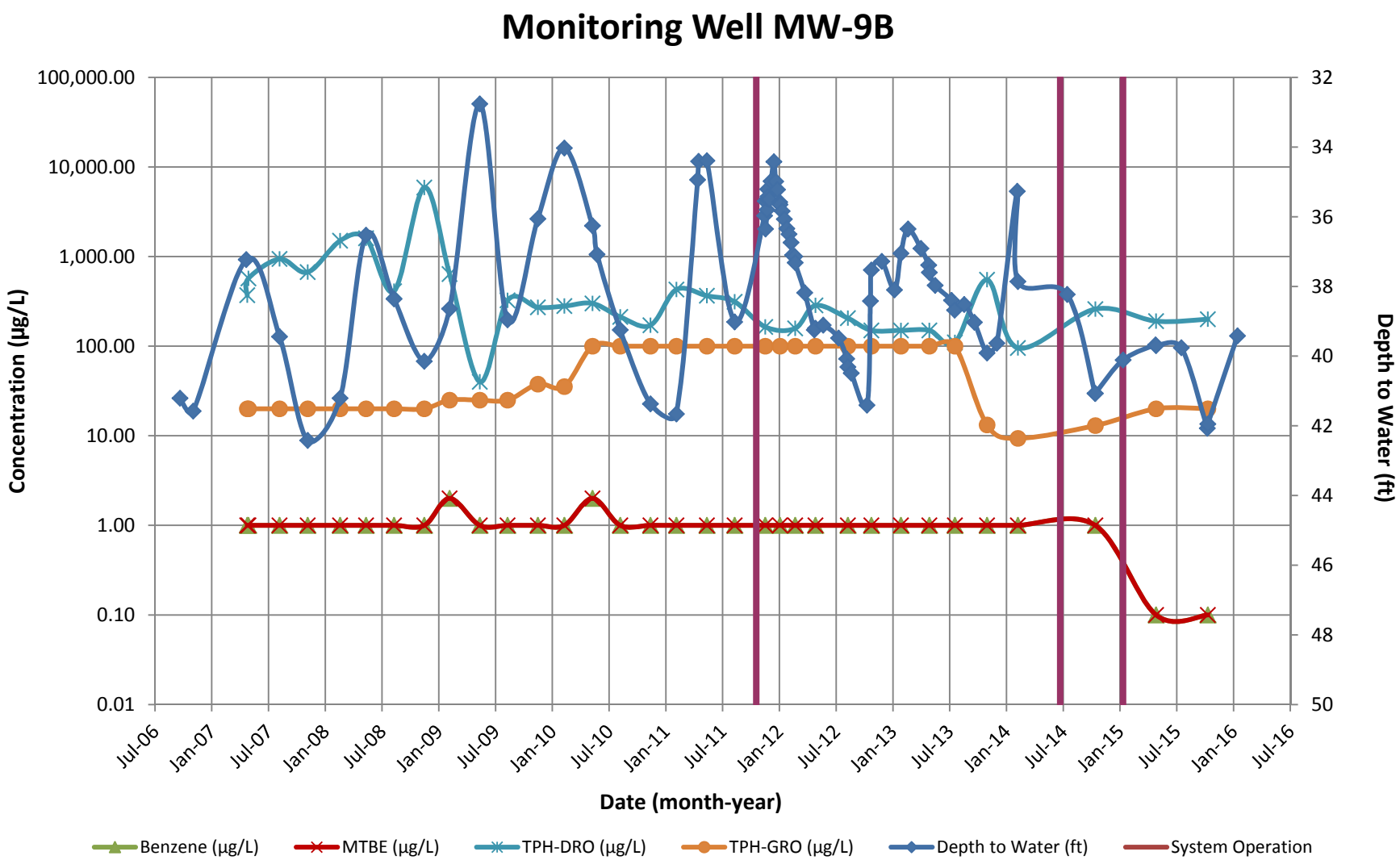
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

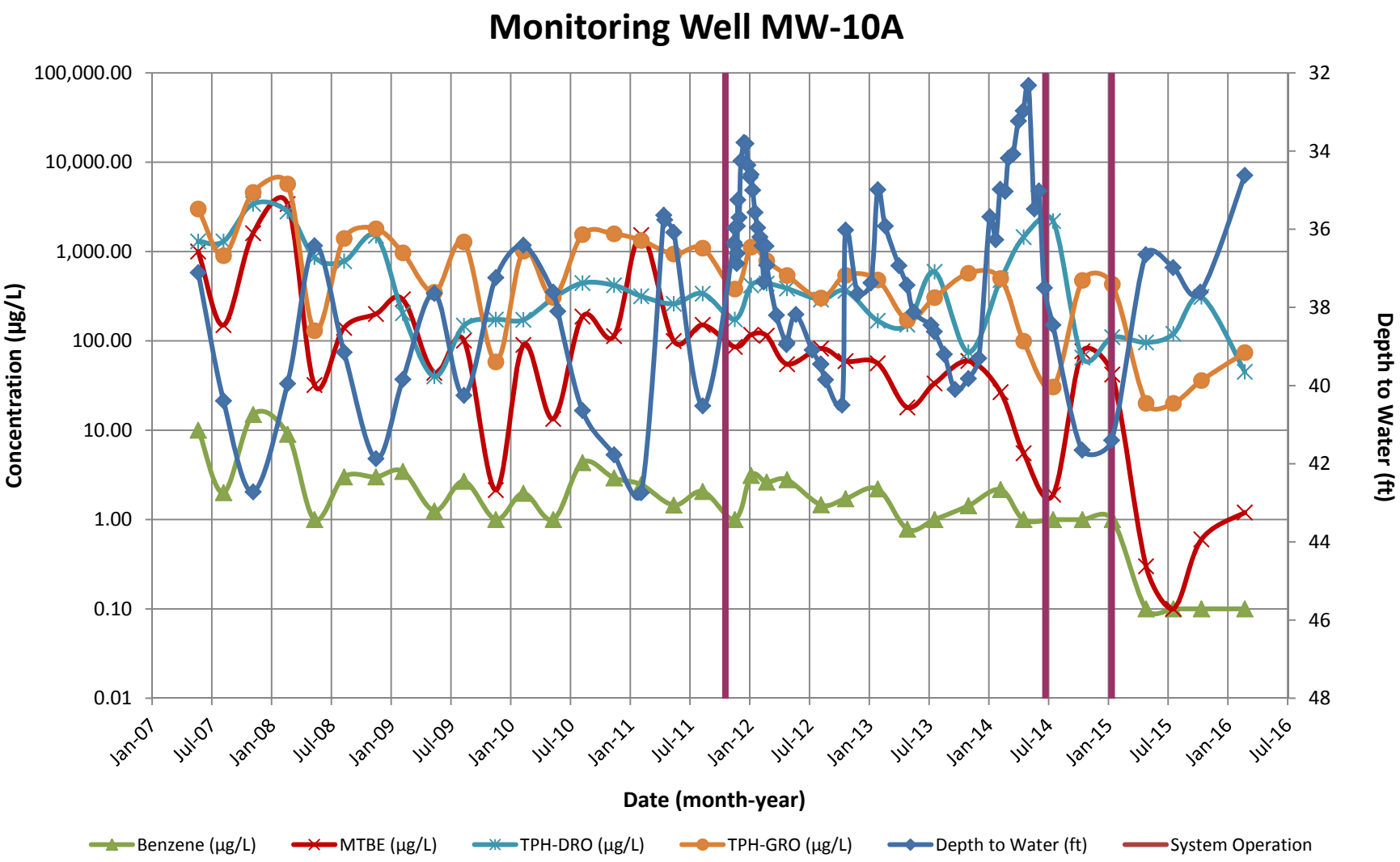
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

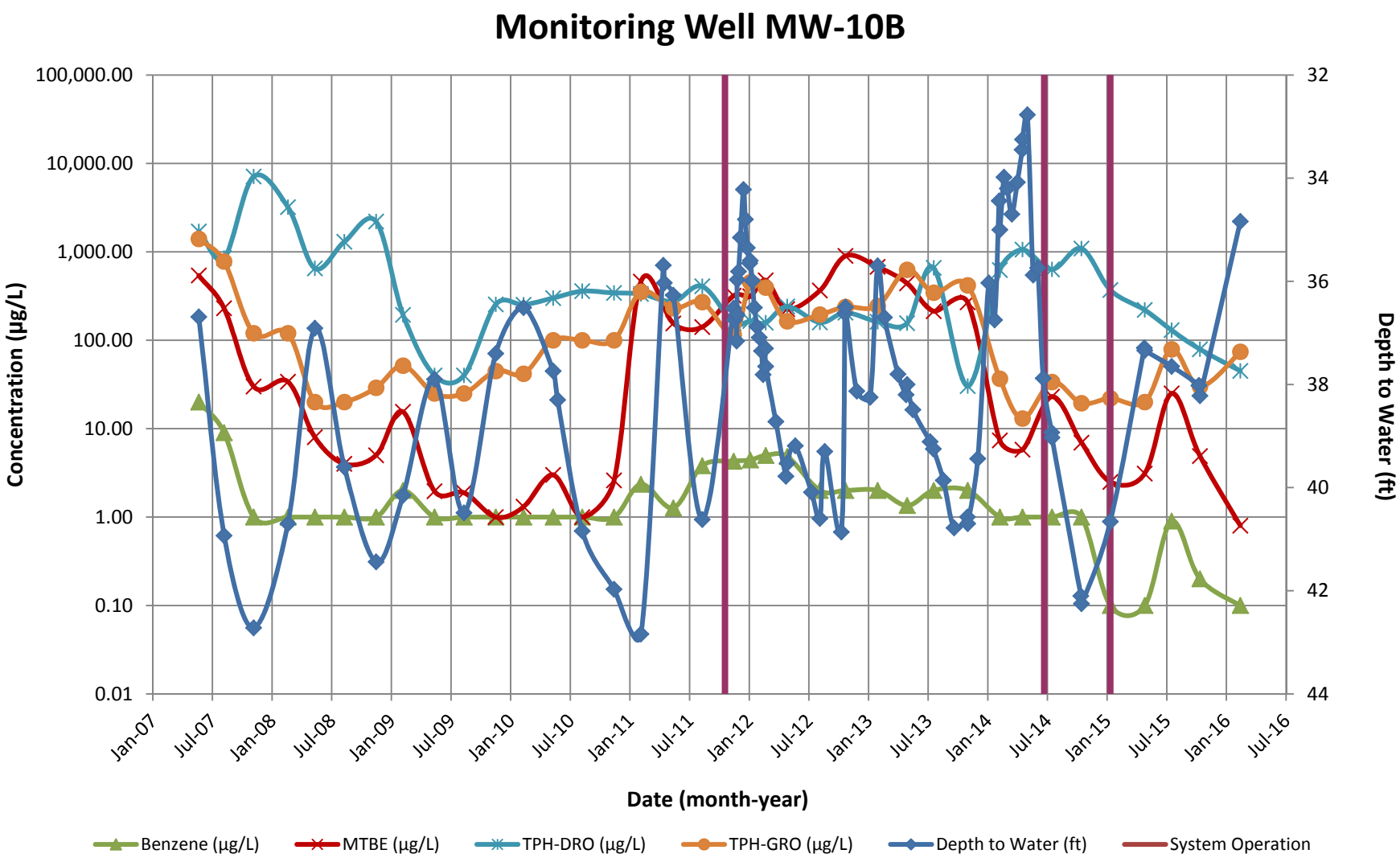
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

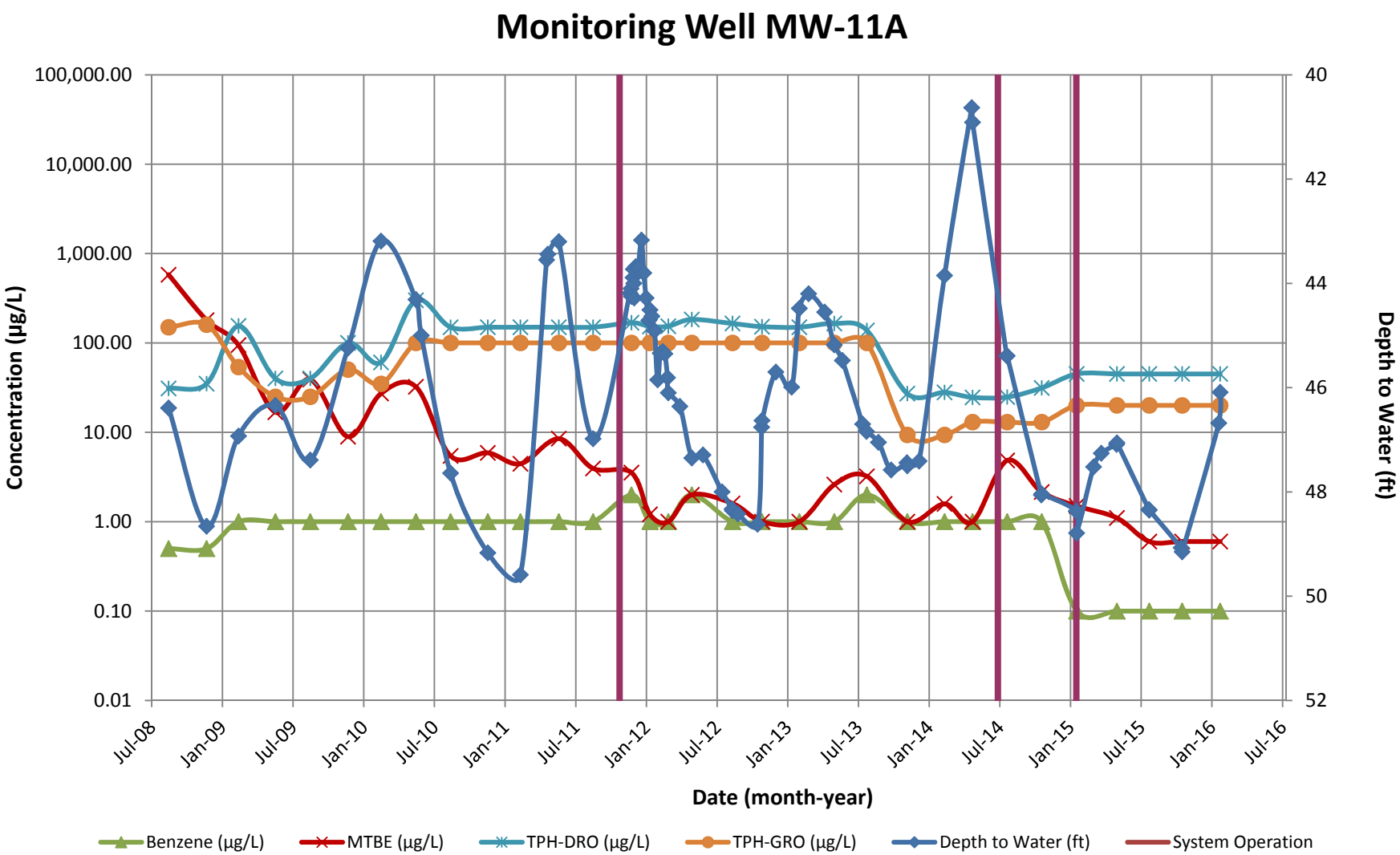
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

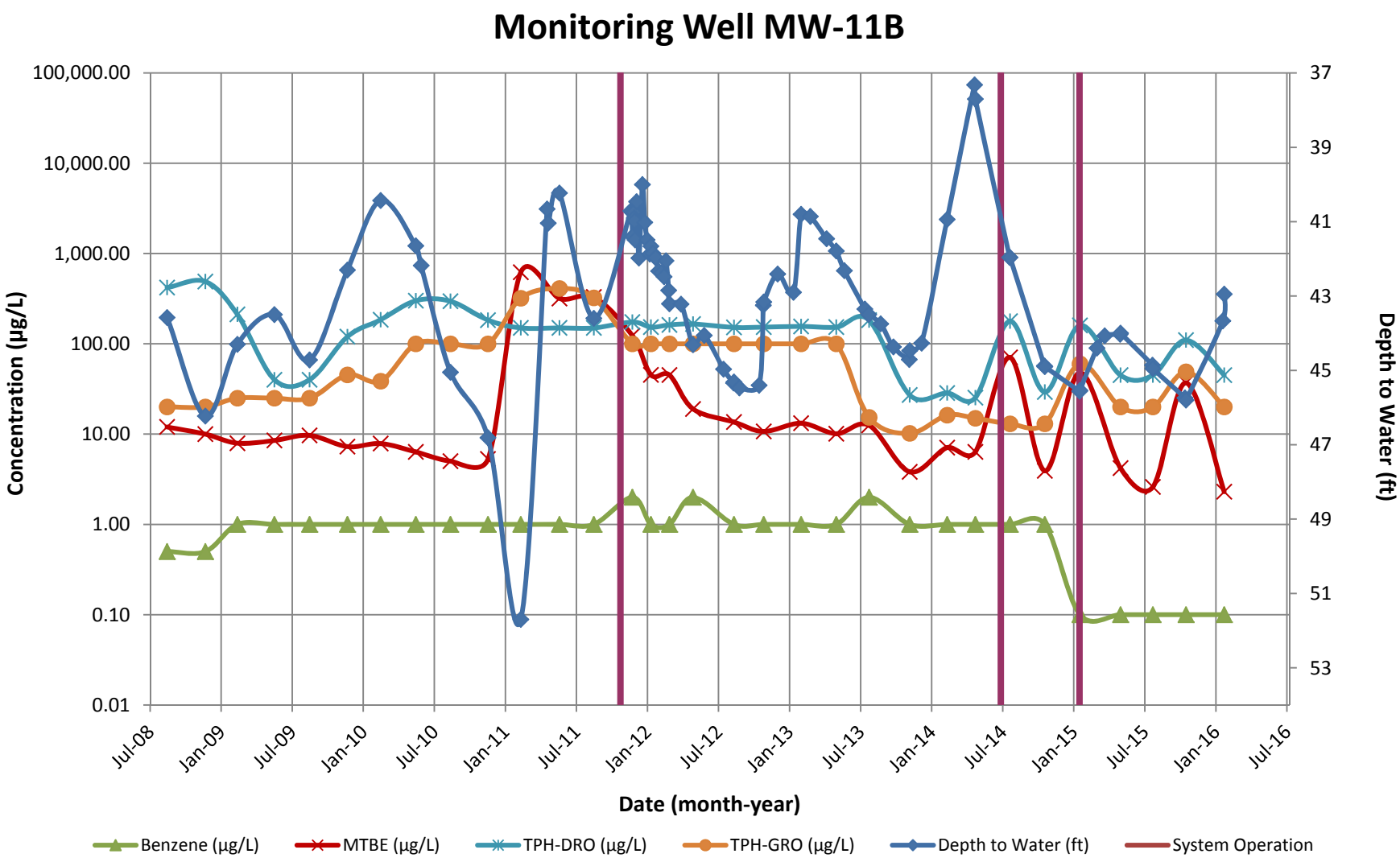
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

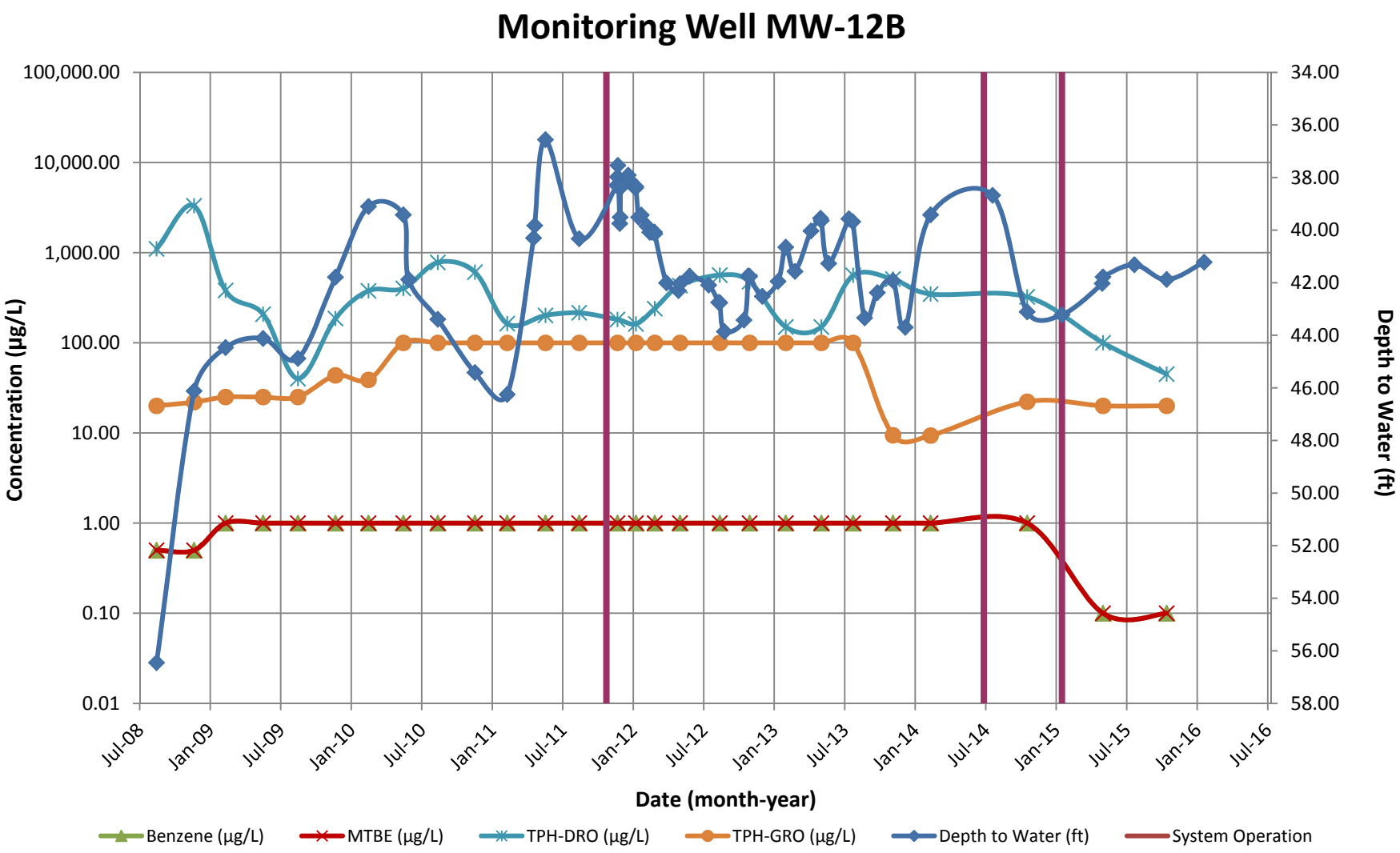
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

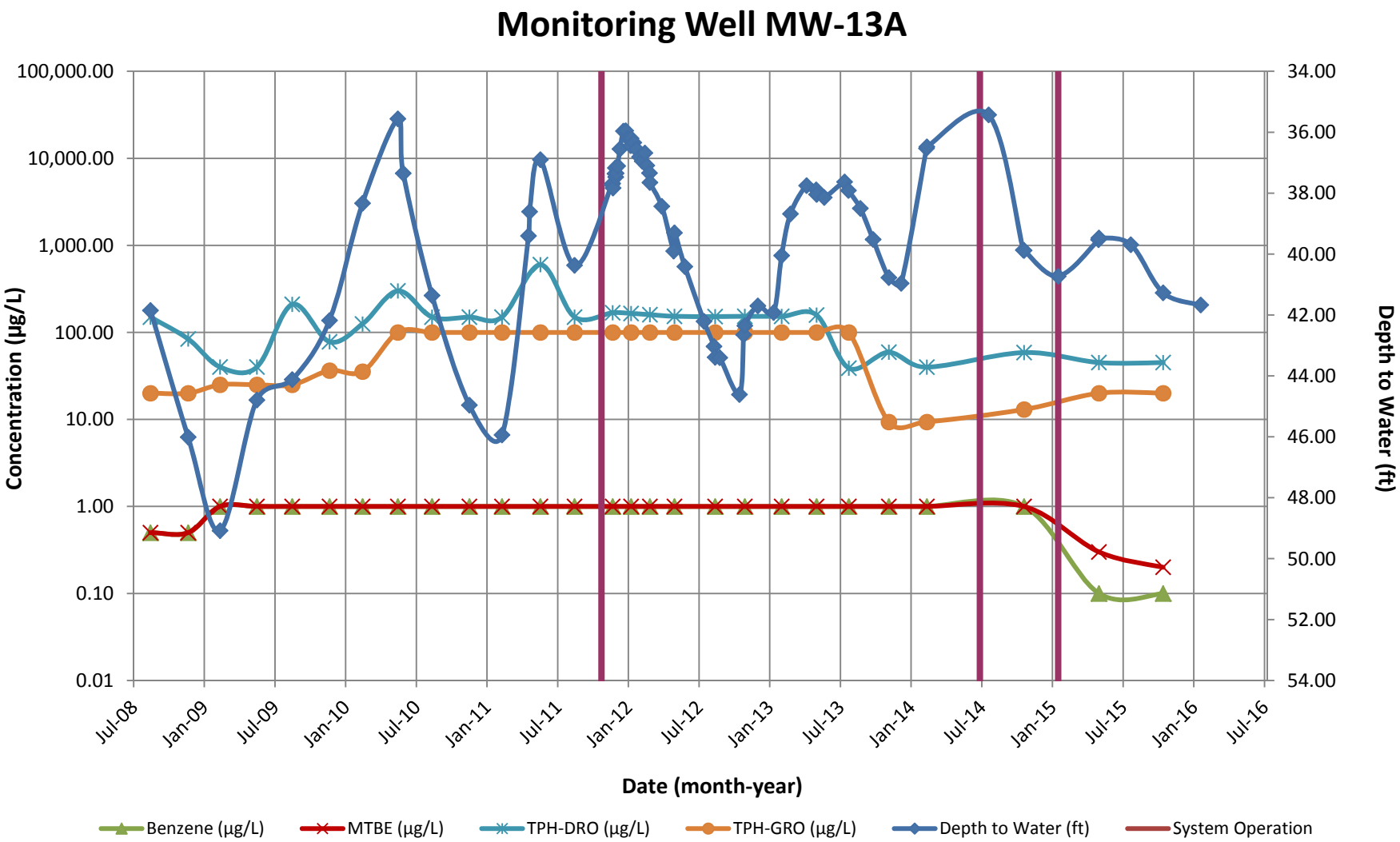
Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
Parkton, MD



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CONCENTRATION HYDROGRAPHS

Carroll Fuels - Wally's Citgo
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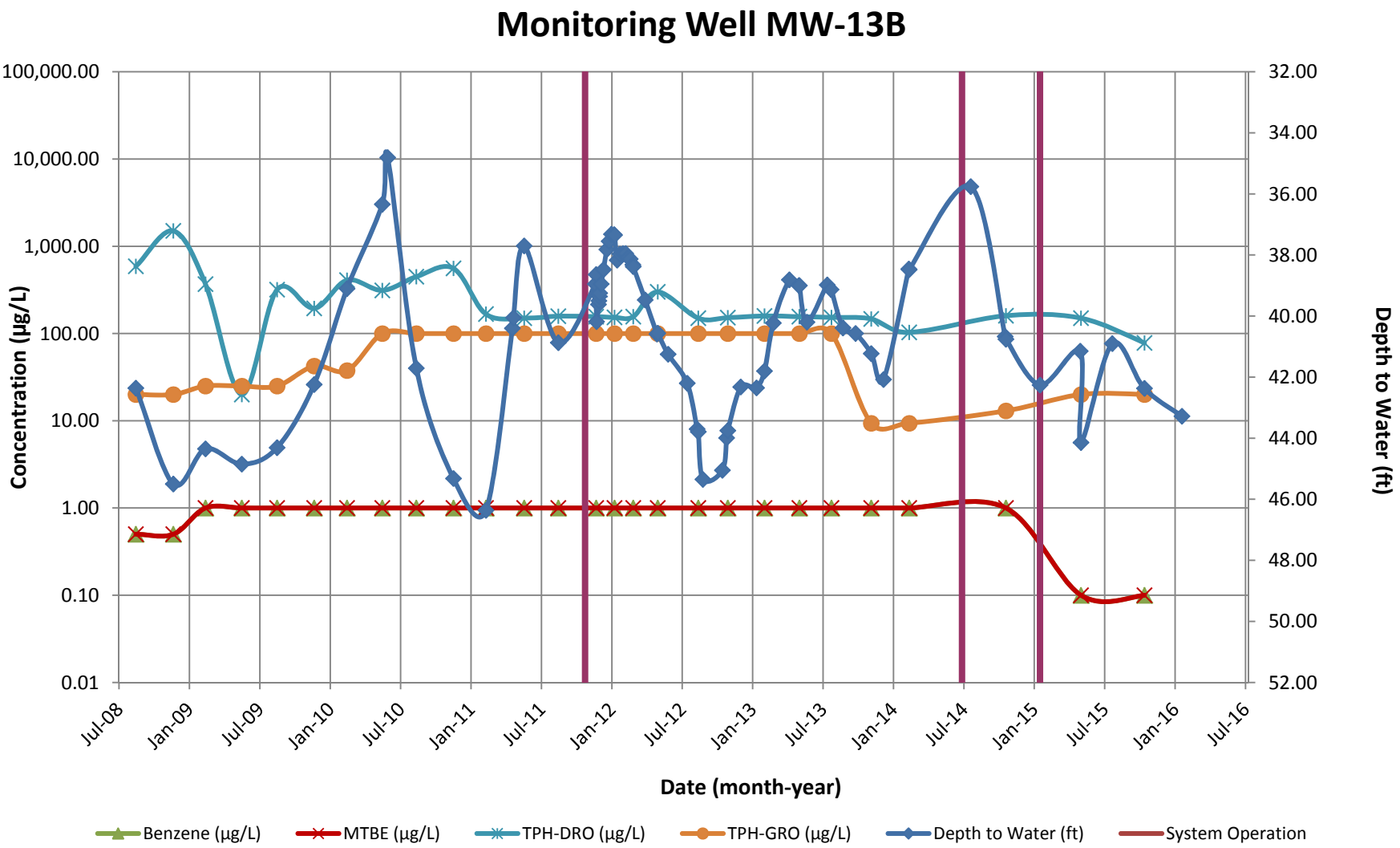
Parkton, MD



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CONCENTRATION HYDROGRAPHS

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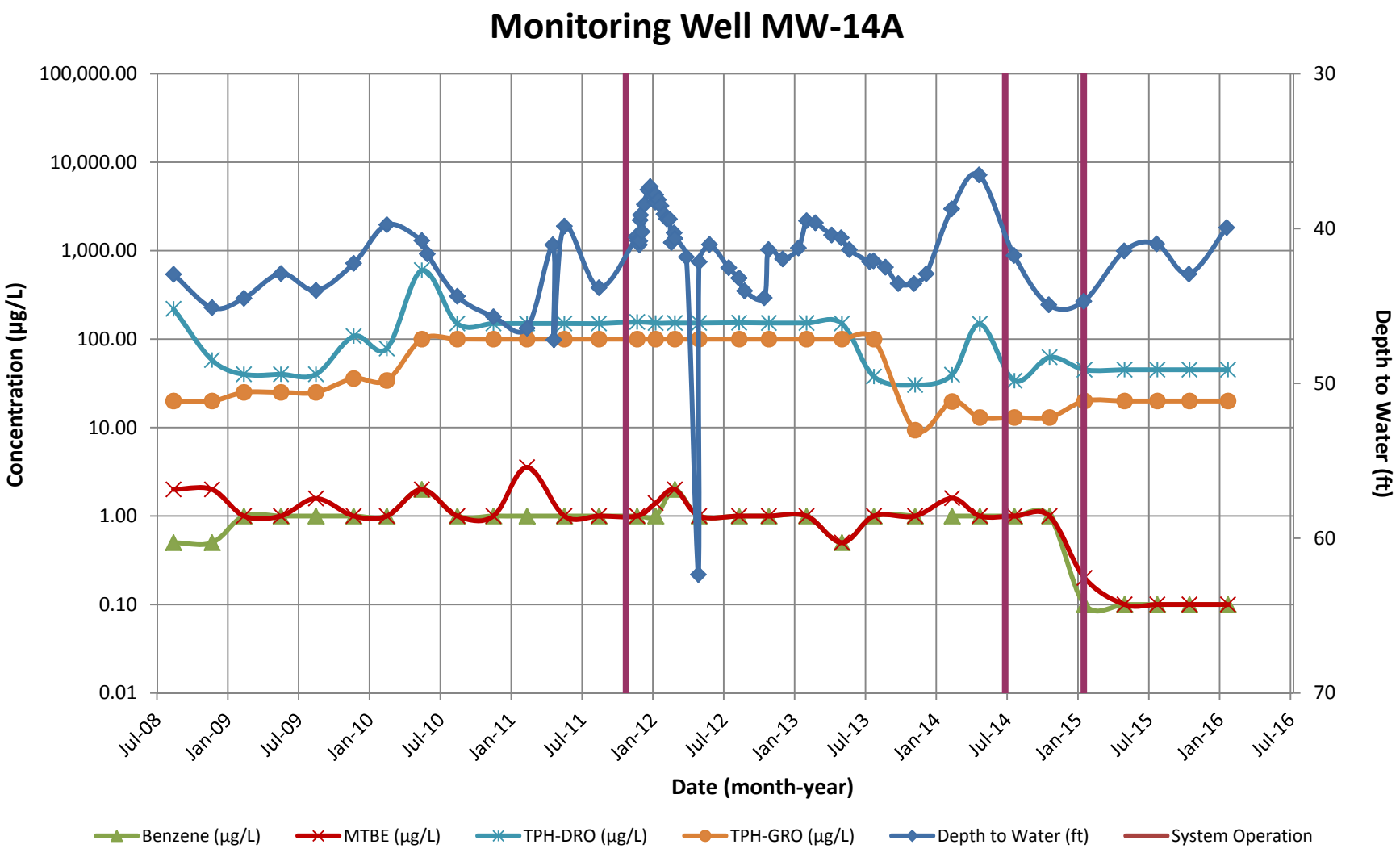
Parkton, MD



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CONCENTRATION HYDROGRAPHS

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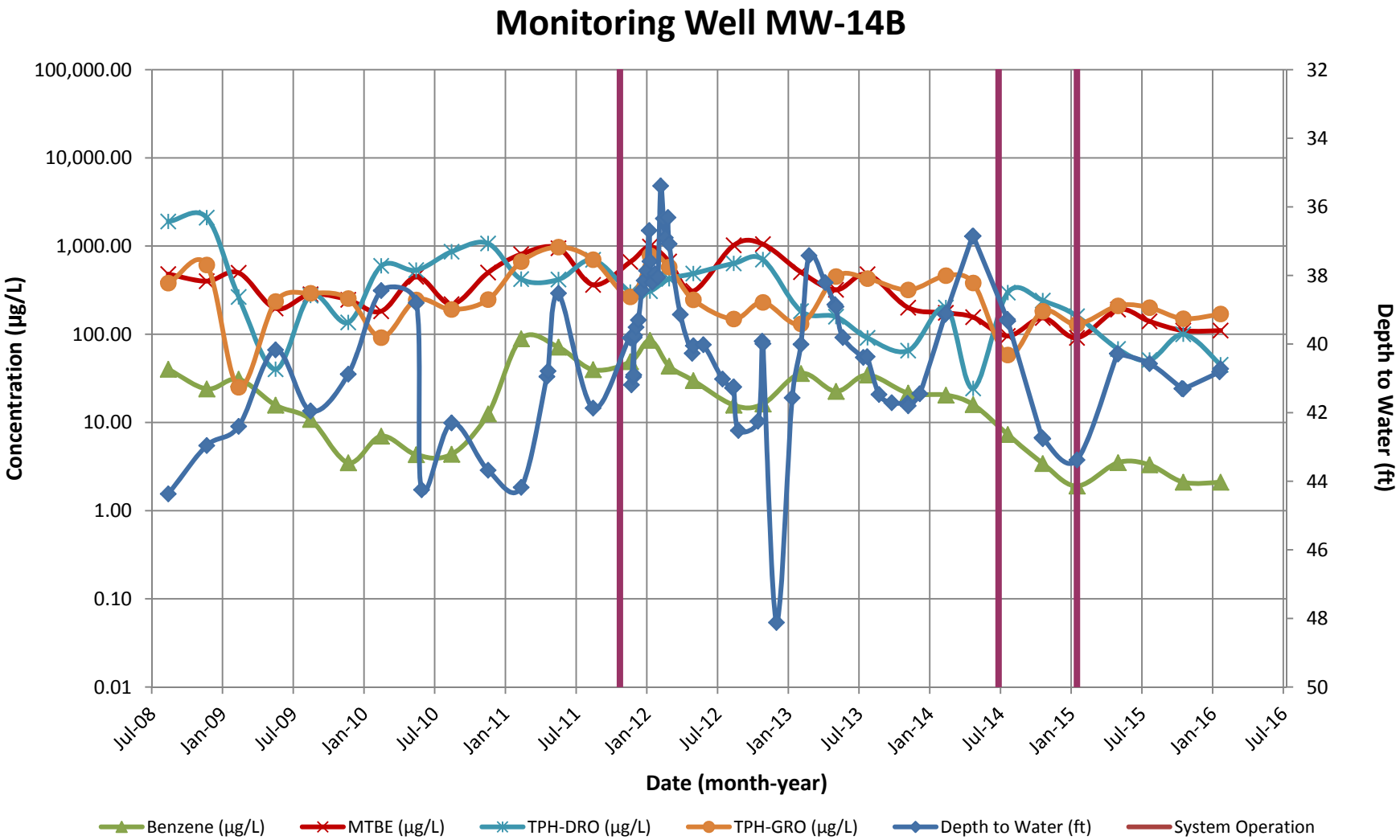

Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

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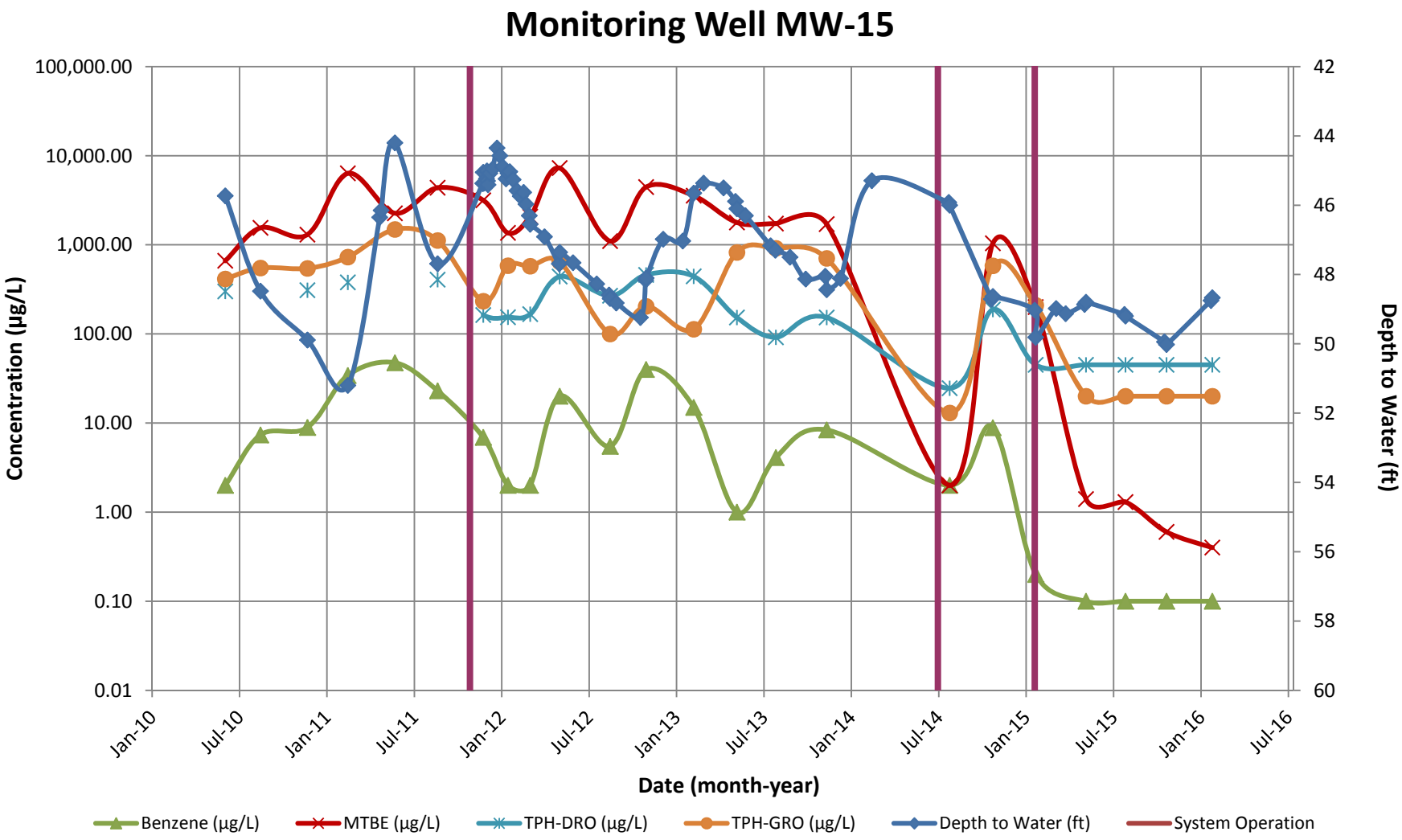

Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

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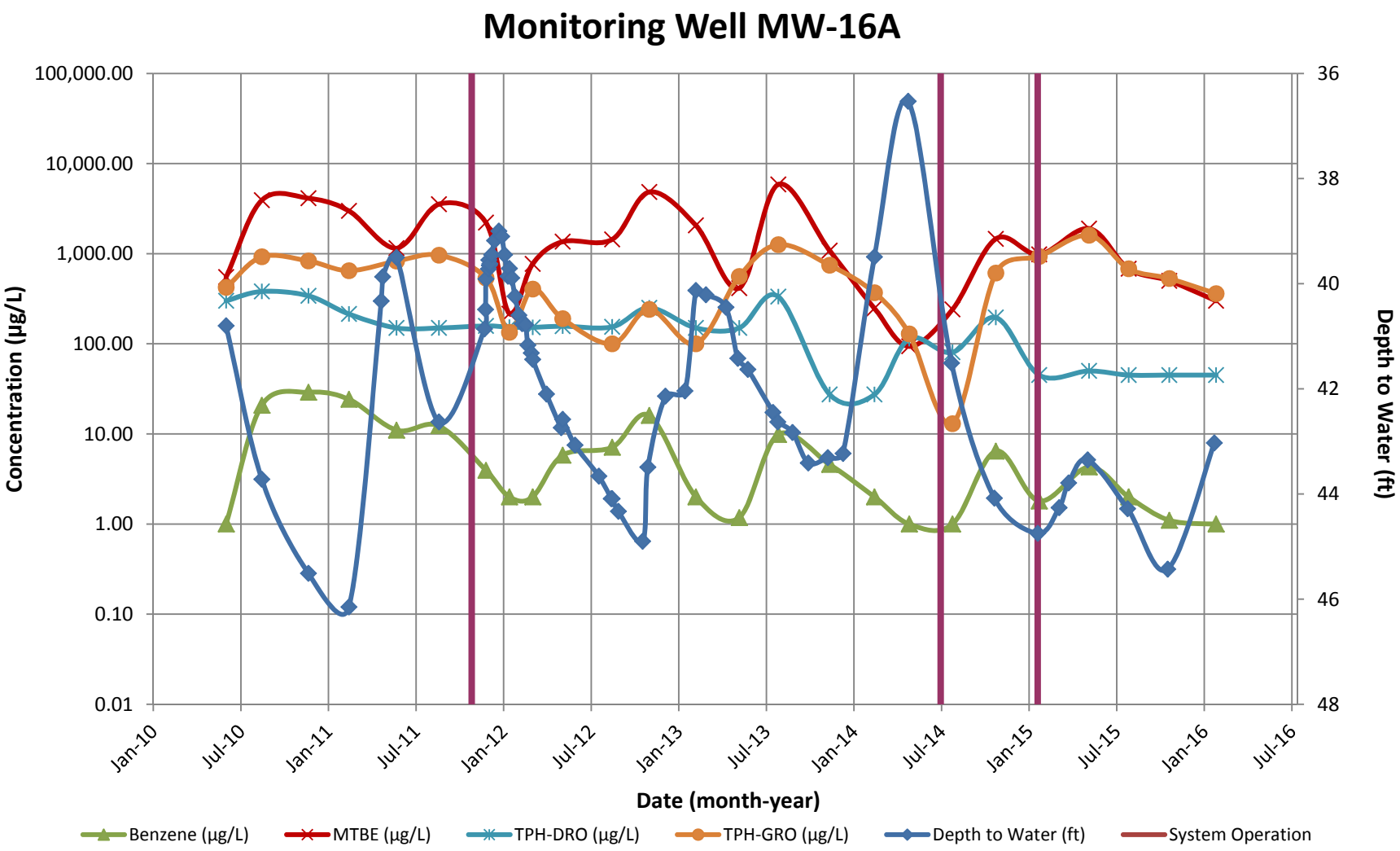
Parkton, MD



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

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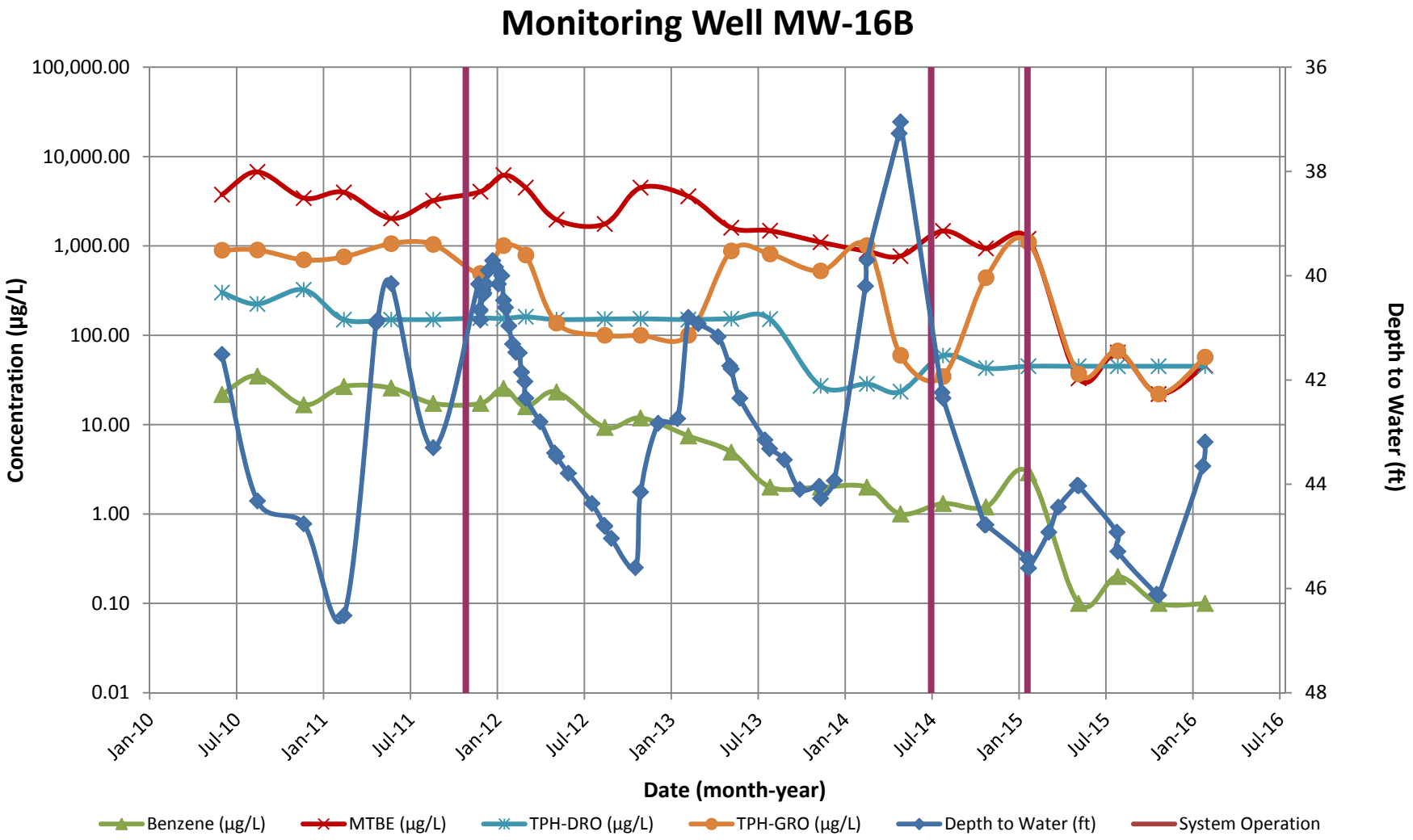

Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

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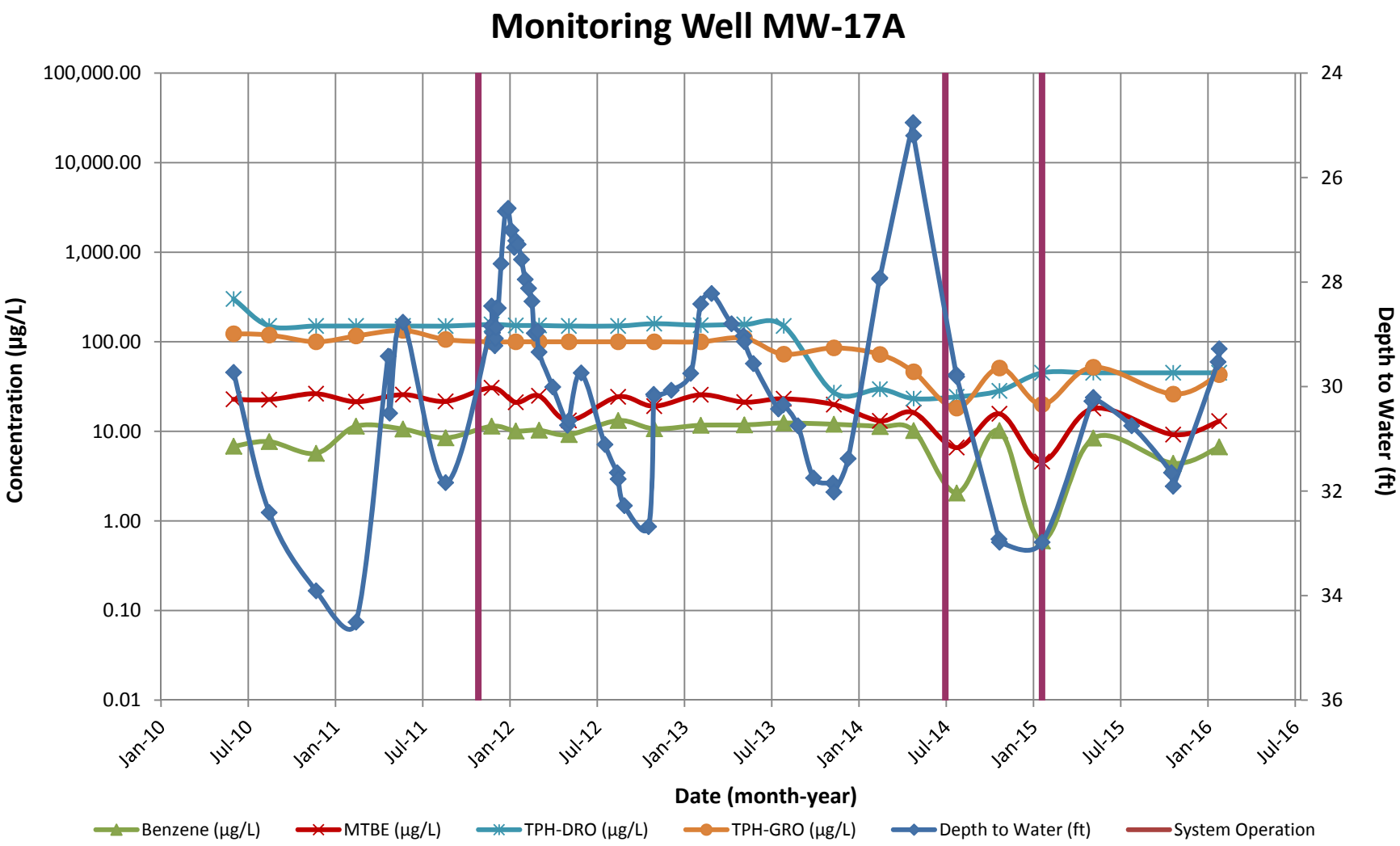

Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

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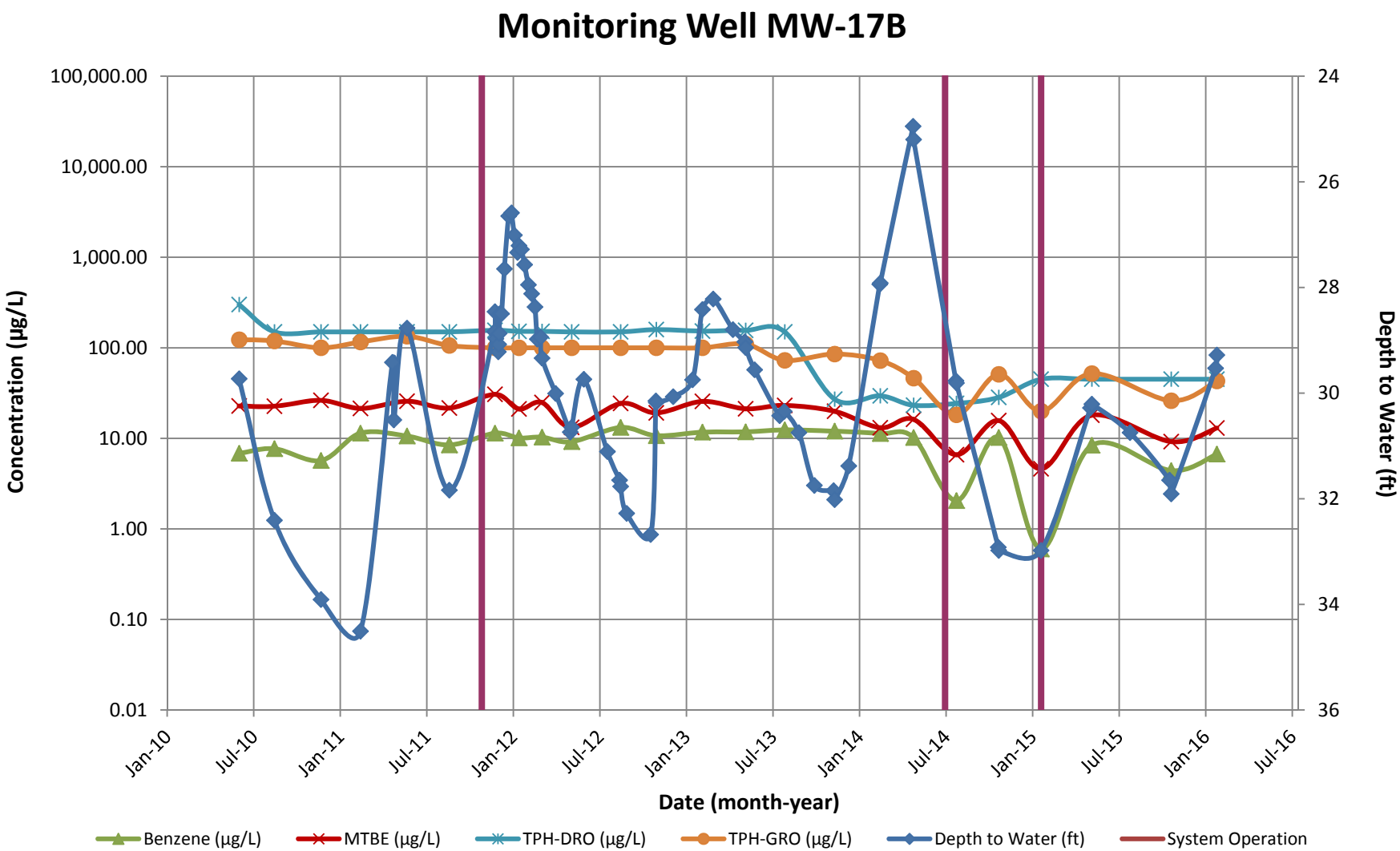

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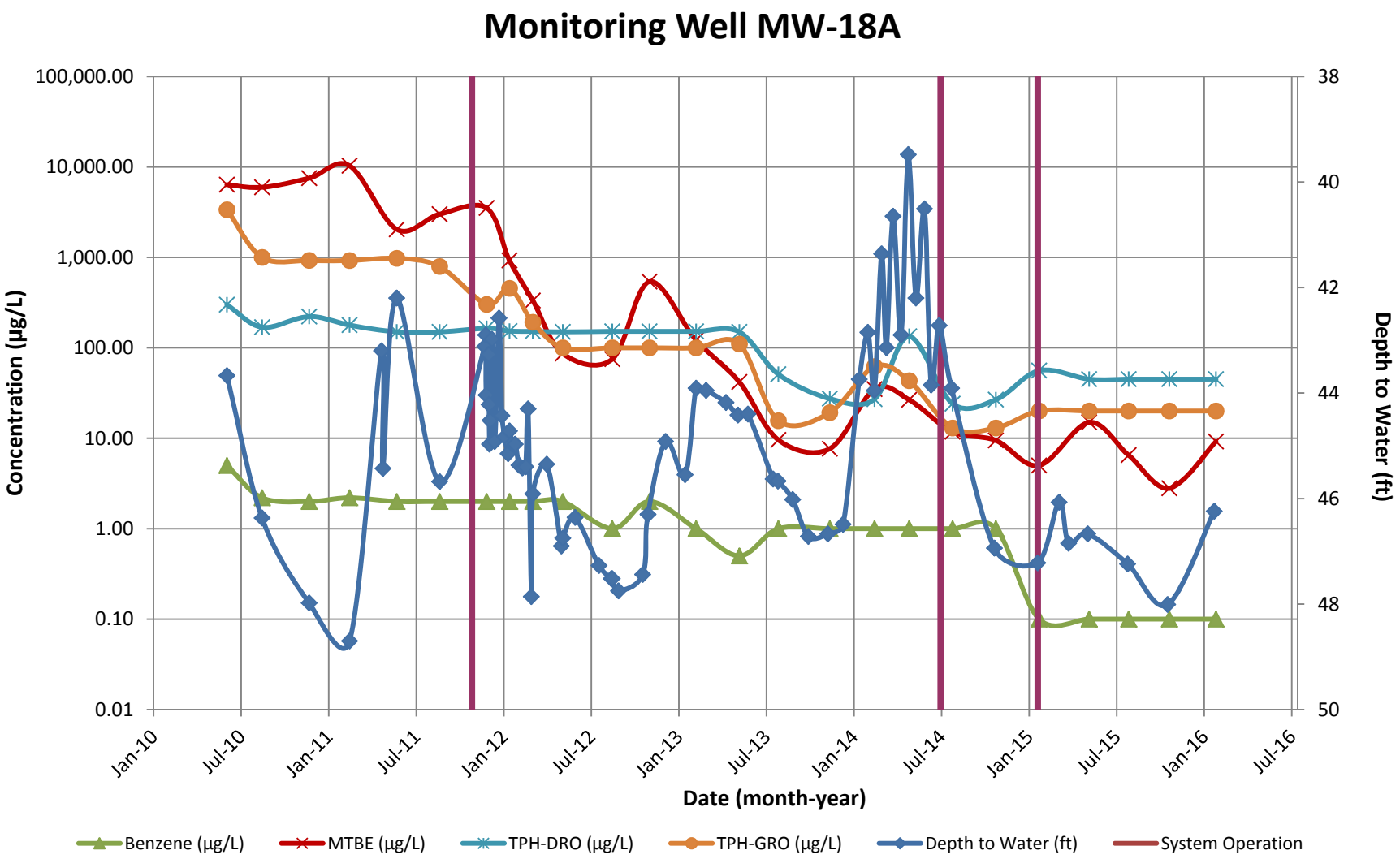

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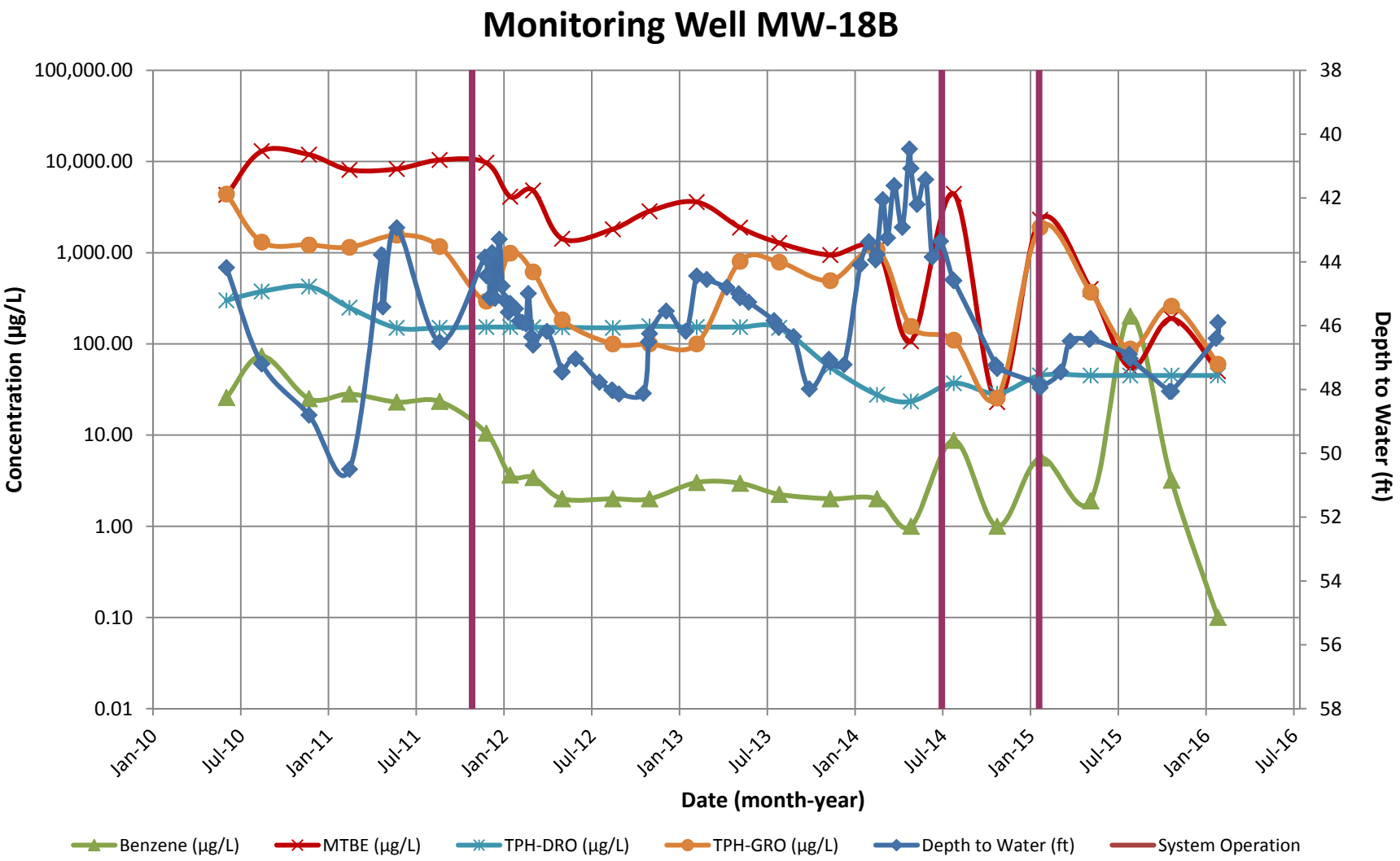

Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

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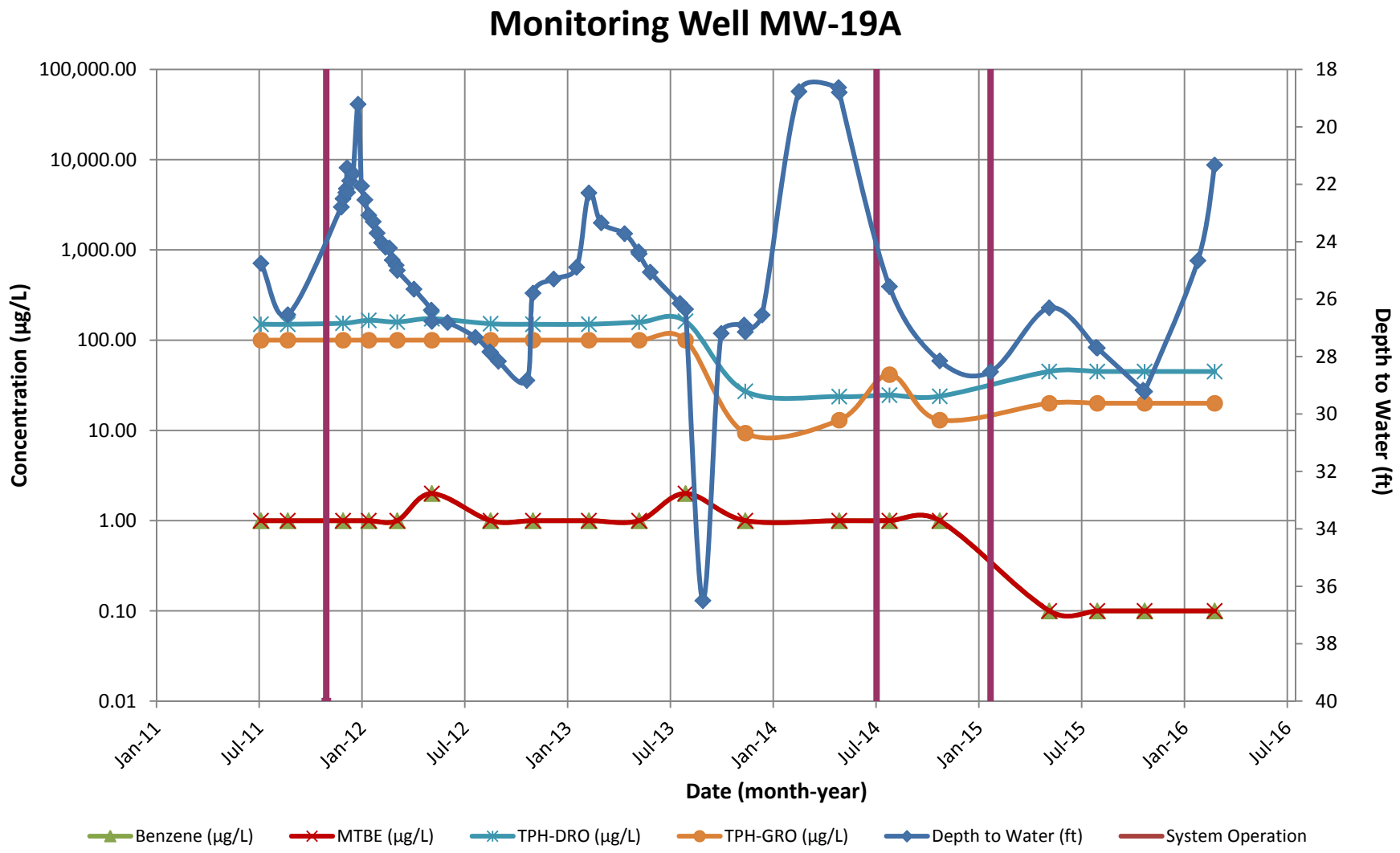

Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

Carroll Fuels - Wally's Citgo
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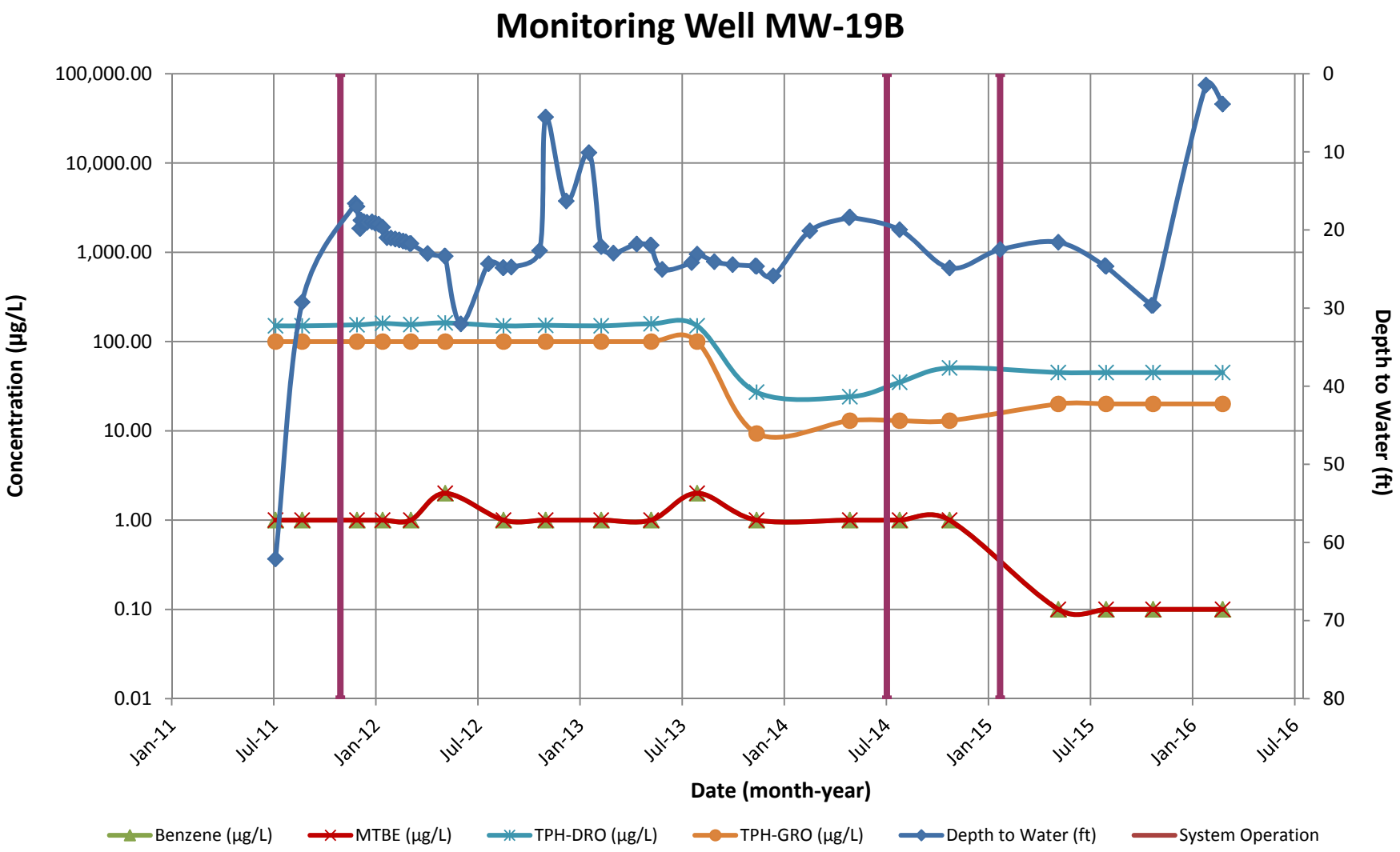

Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

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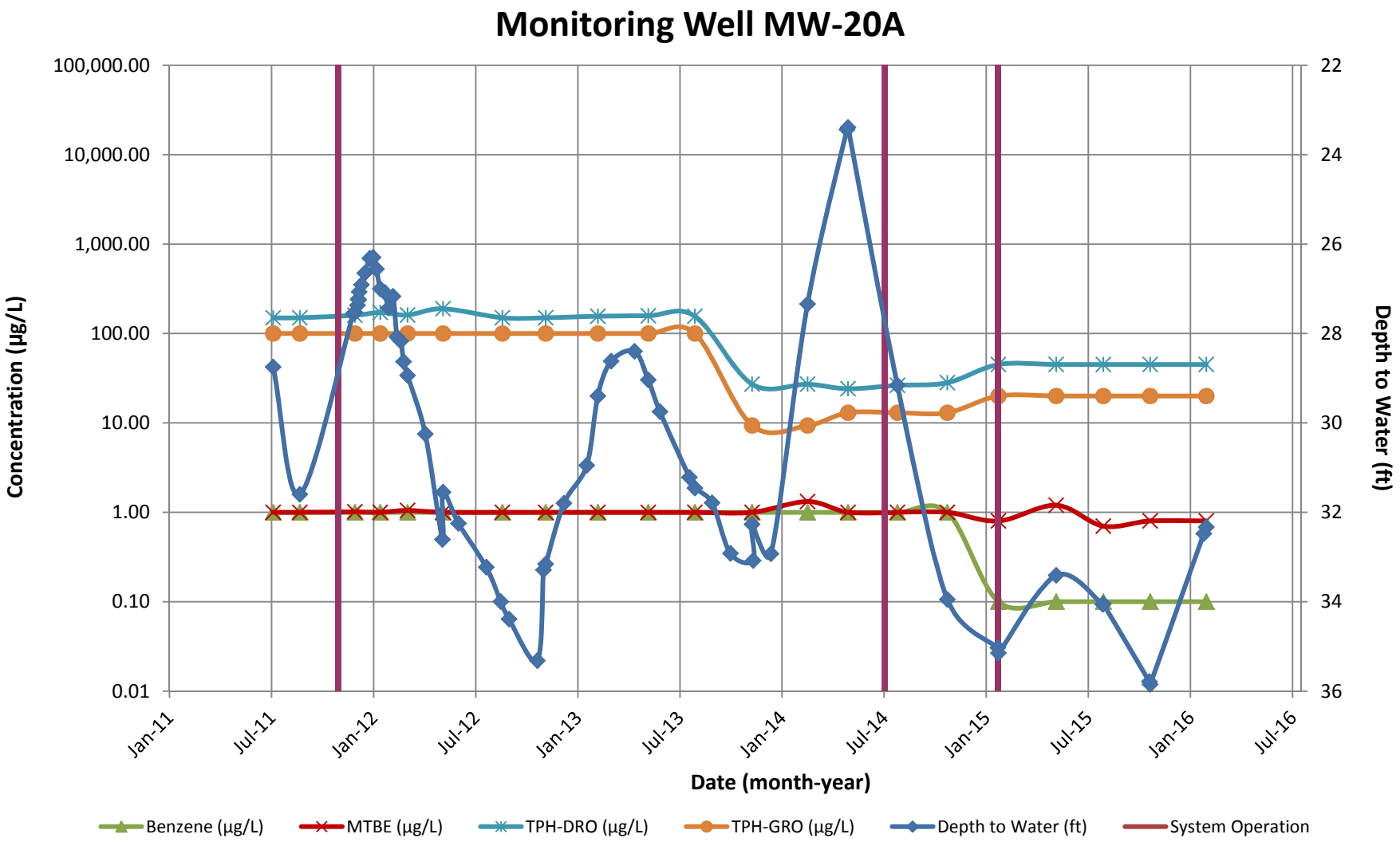

Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

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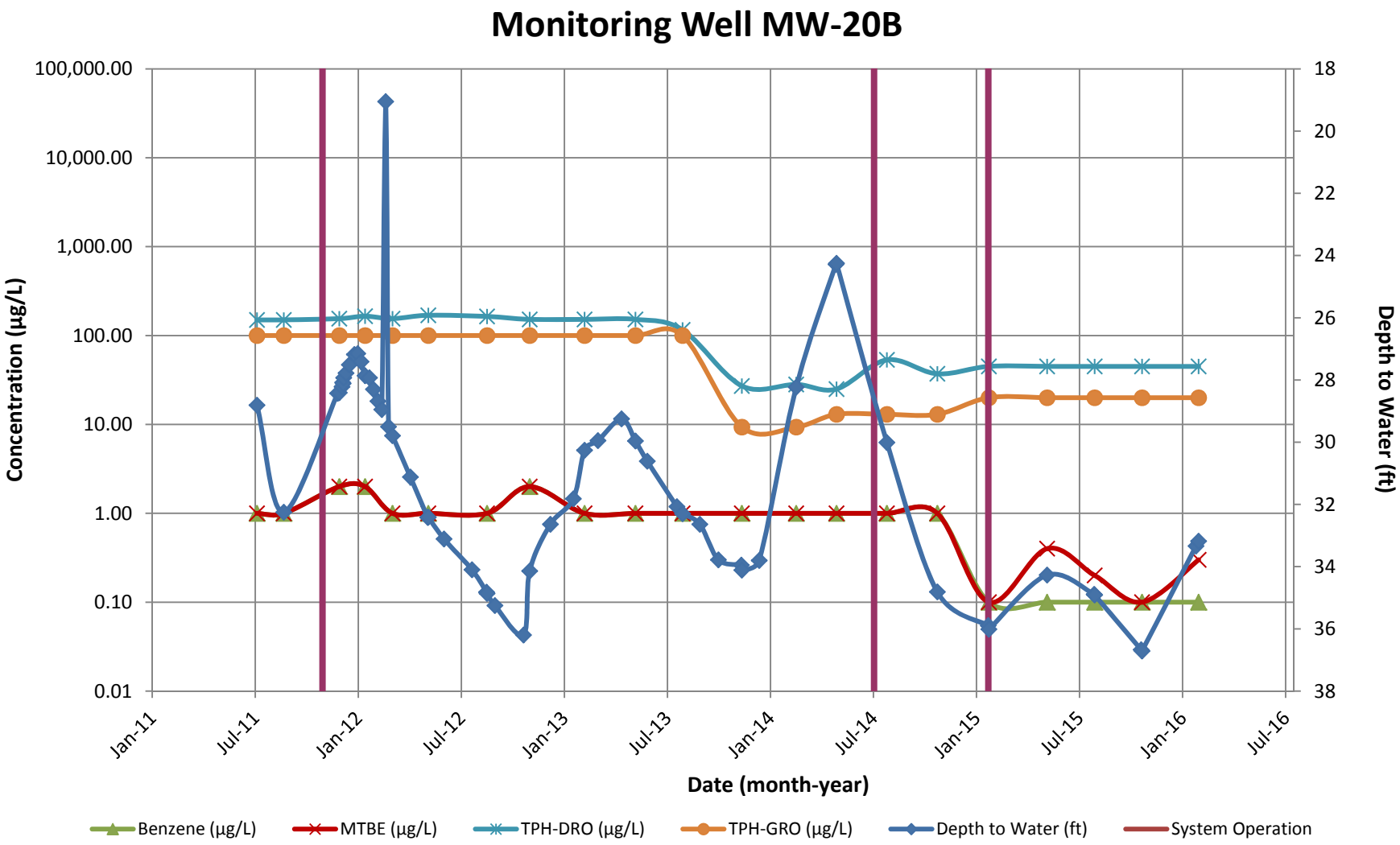

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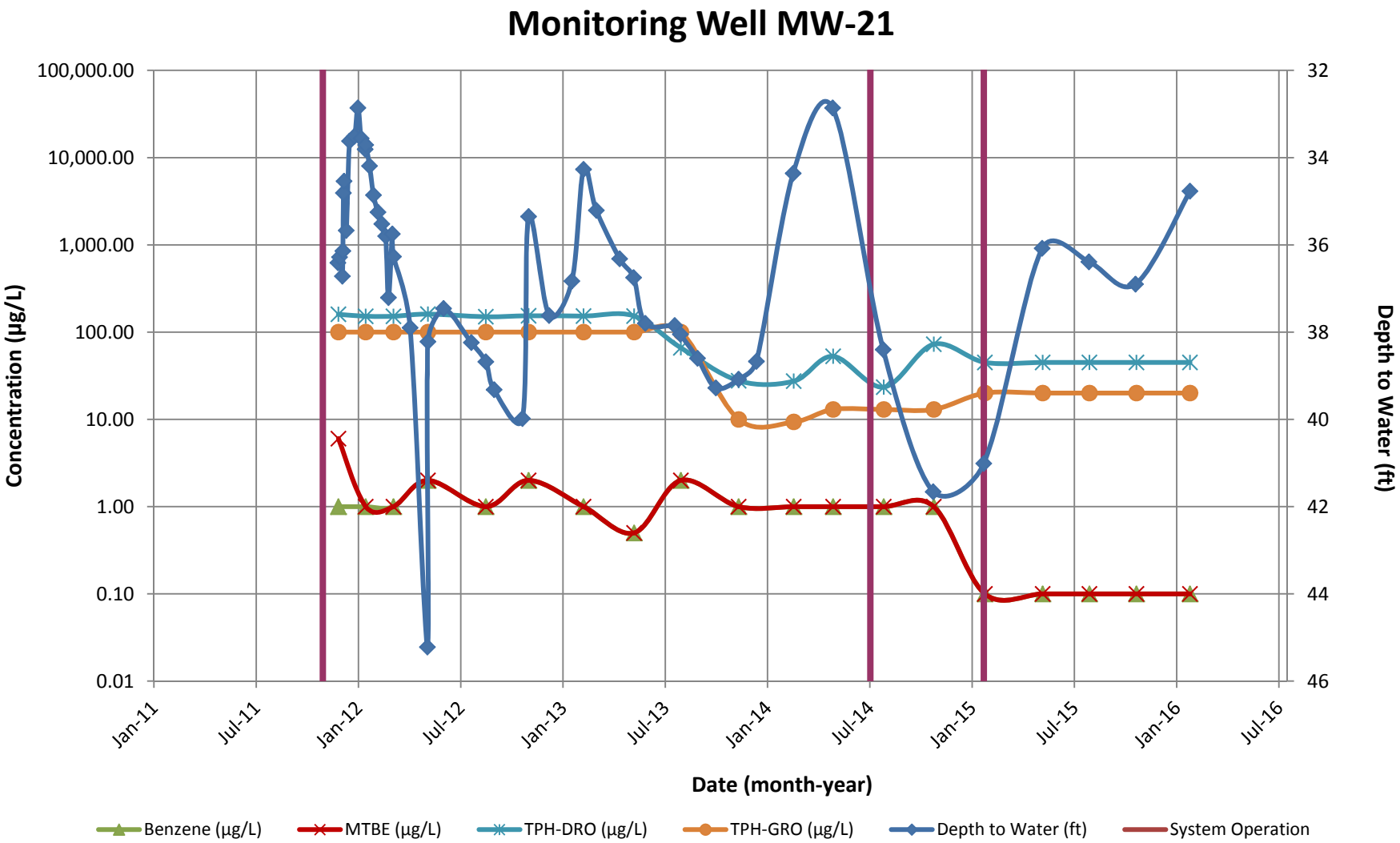

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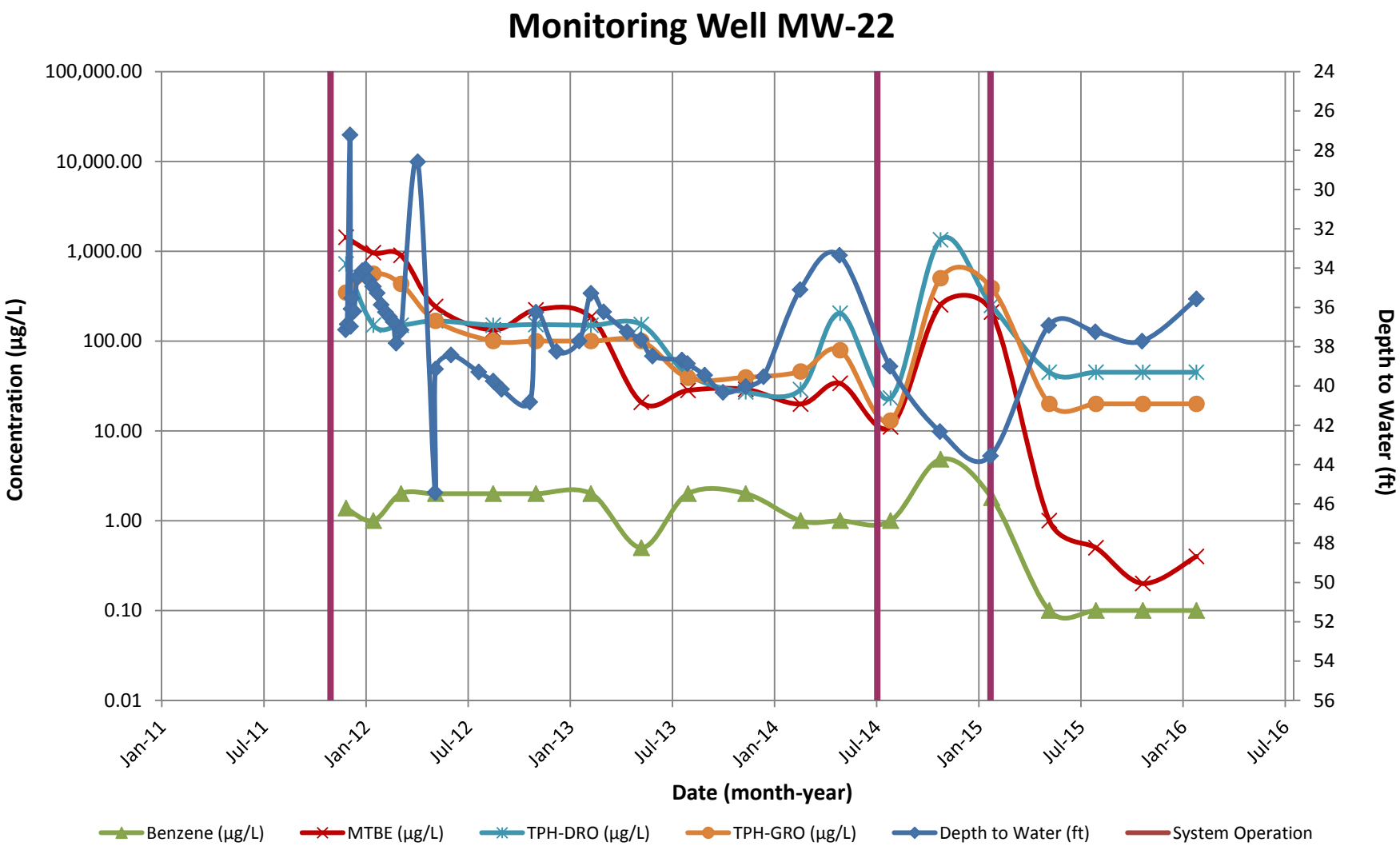

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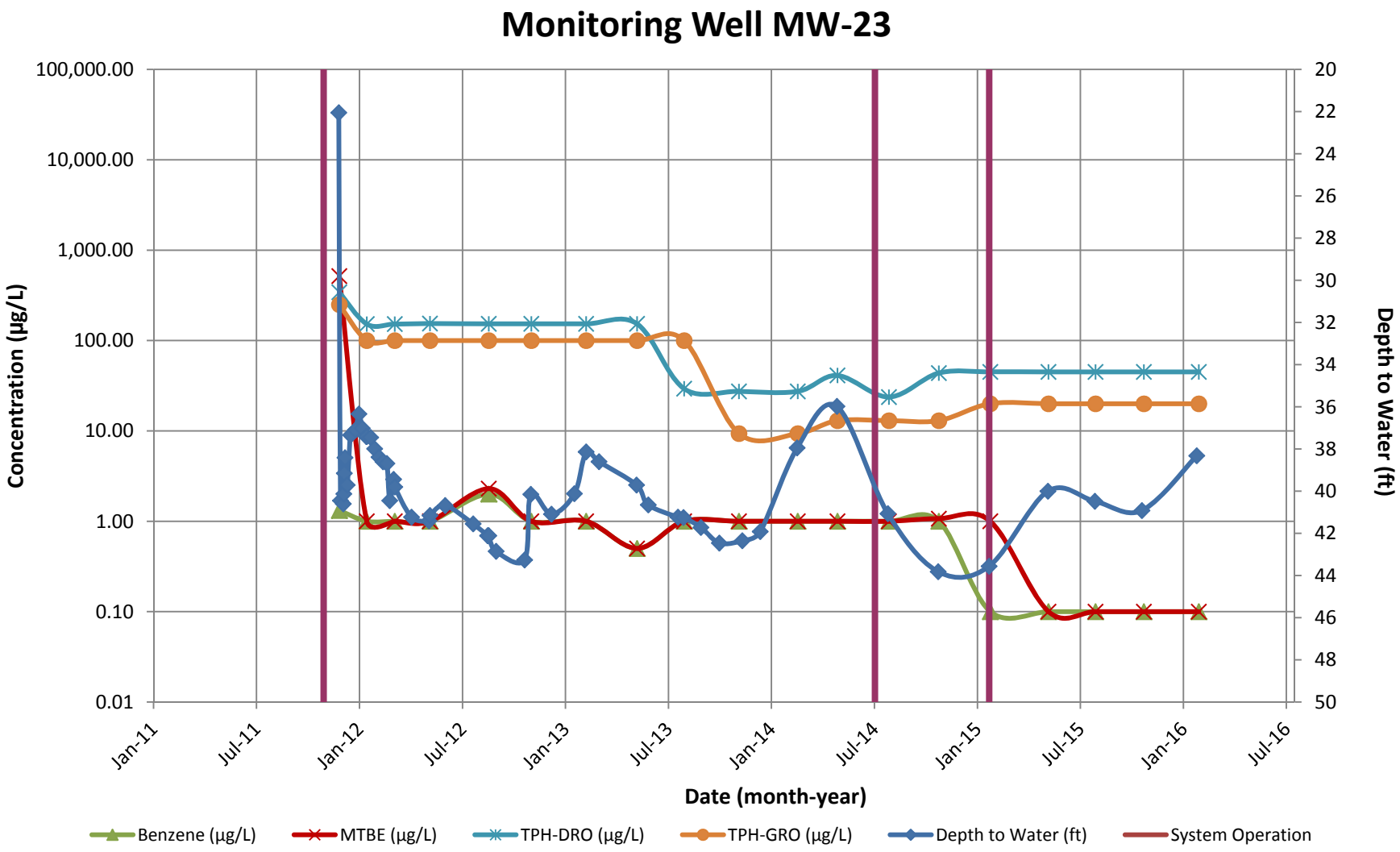

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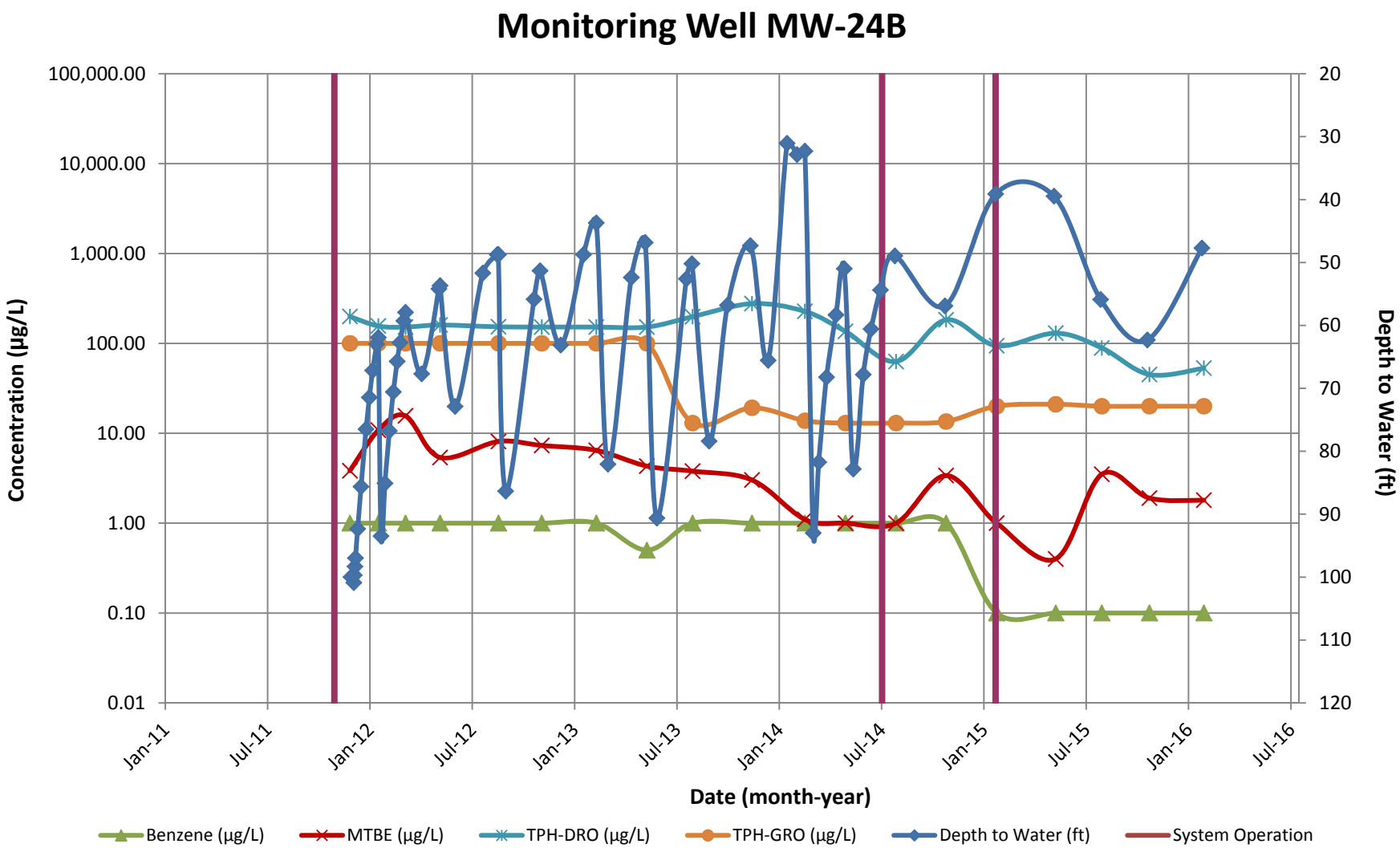

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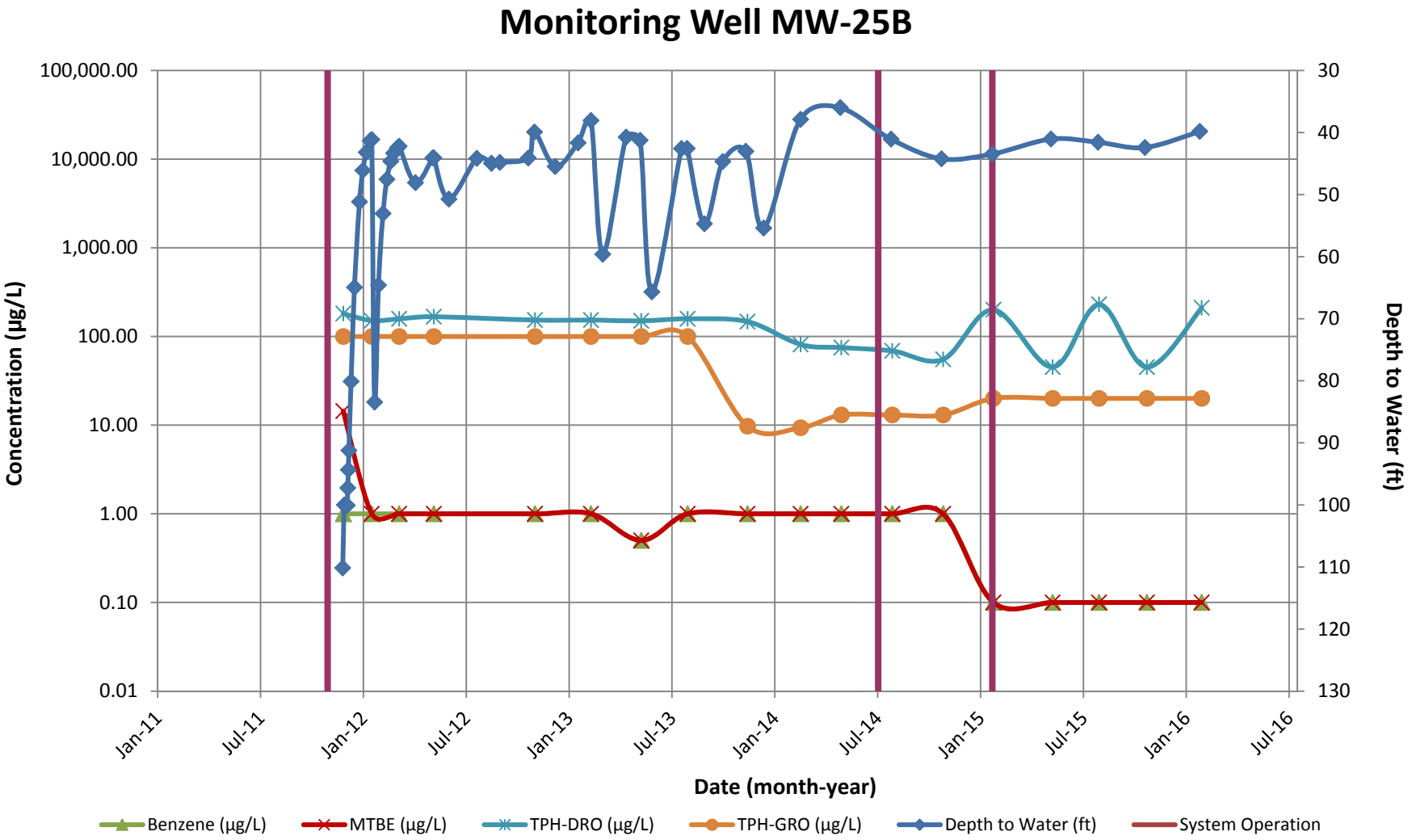

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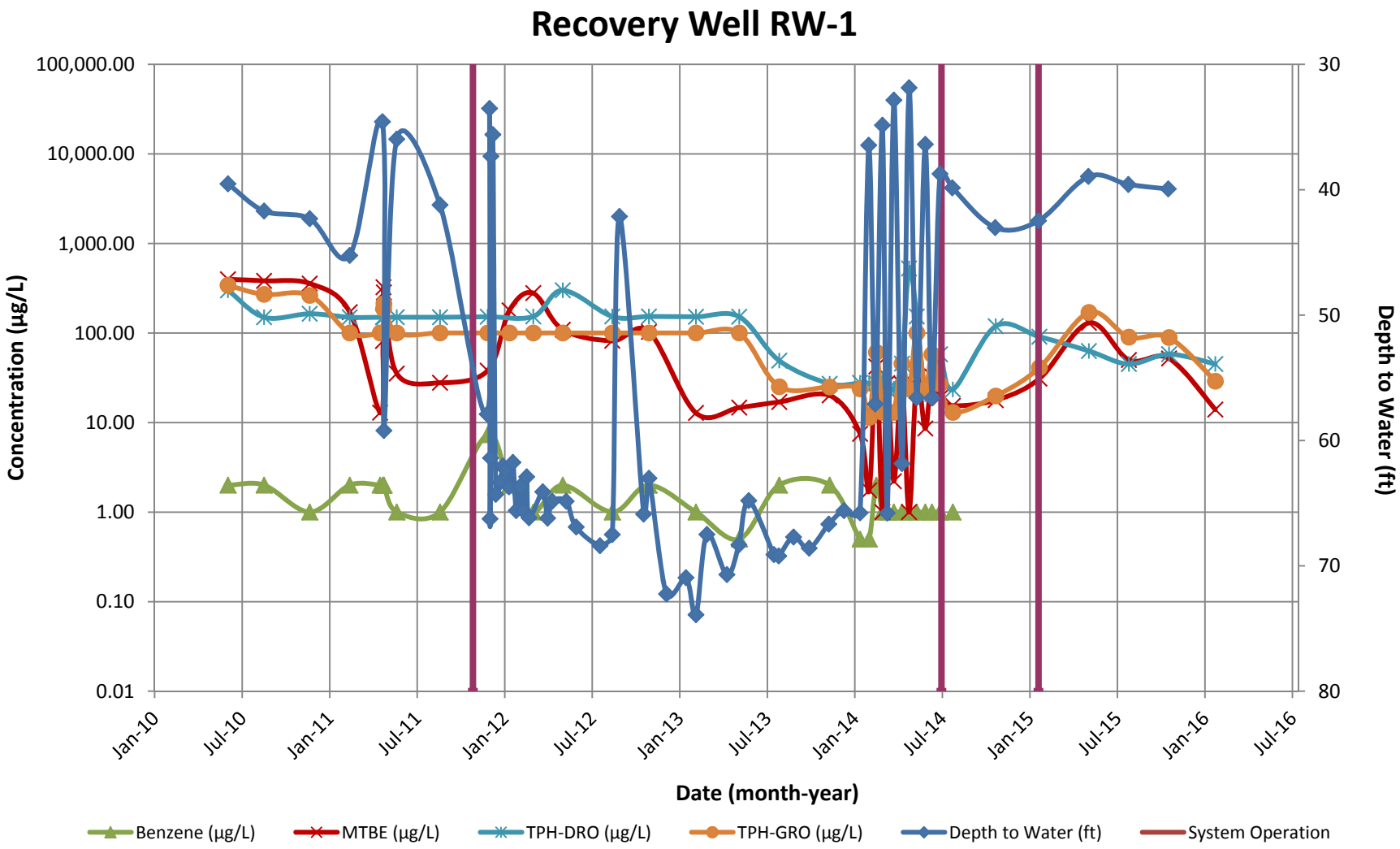

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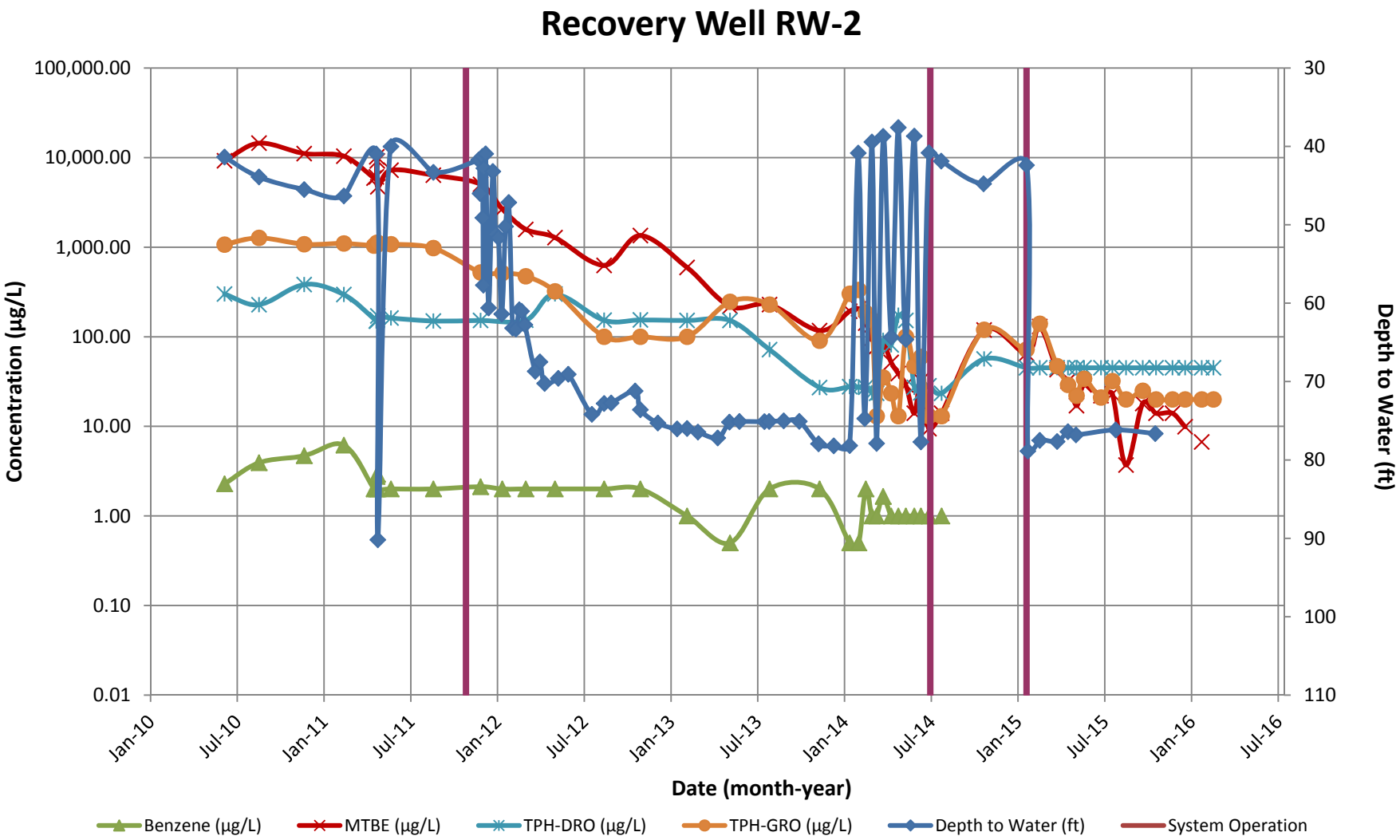

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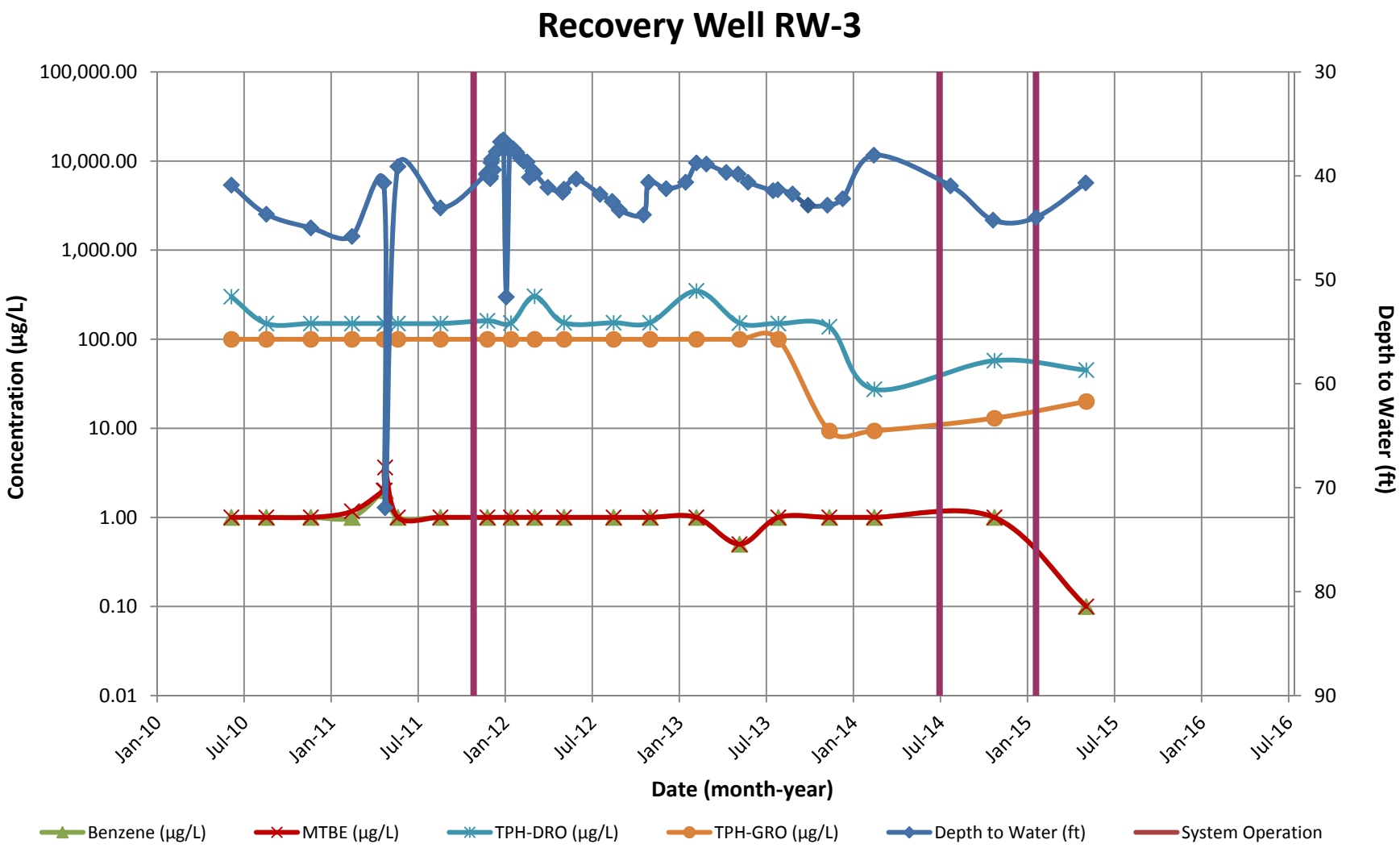

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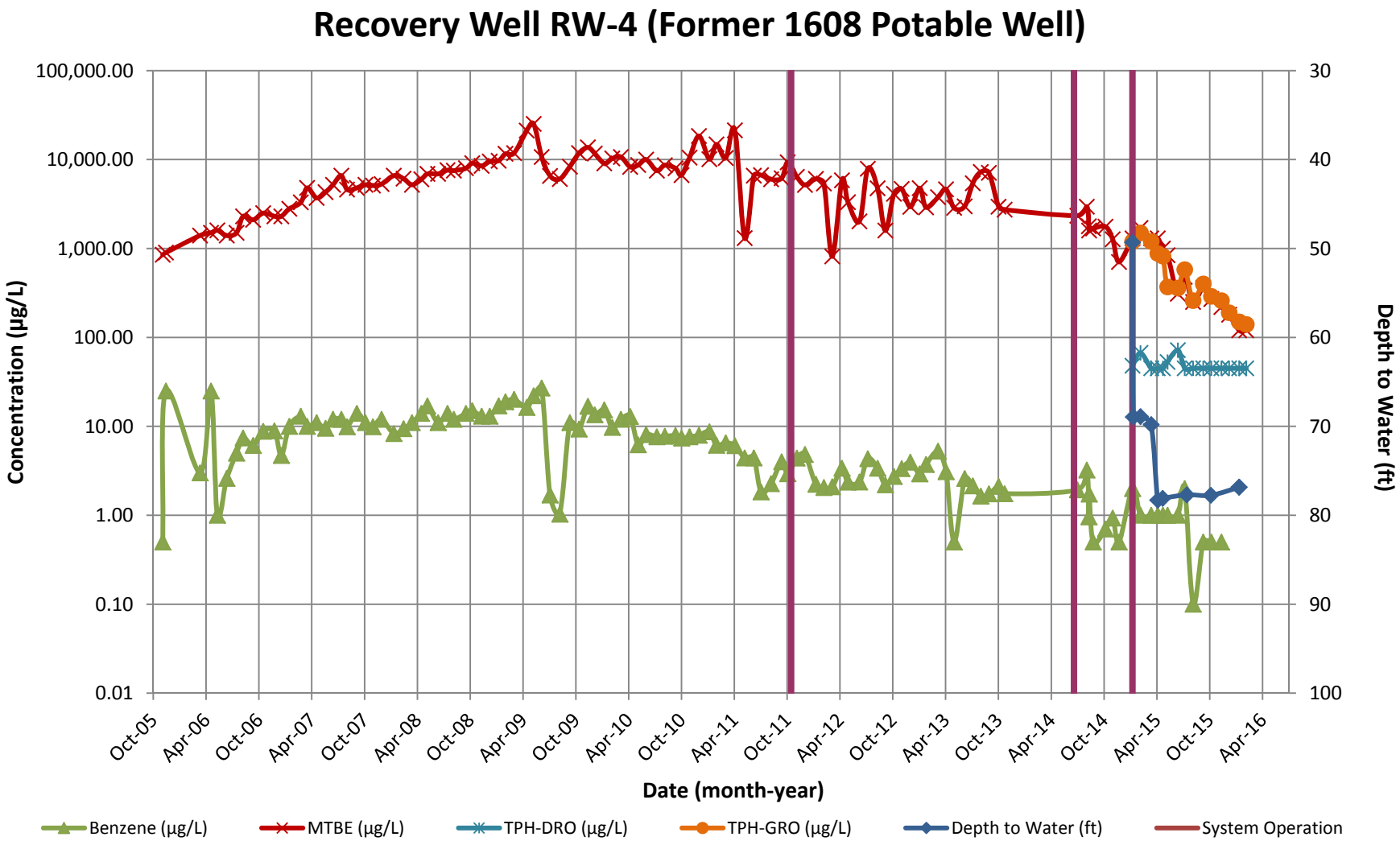

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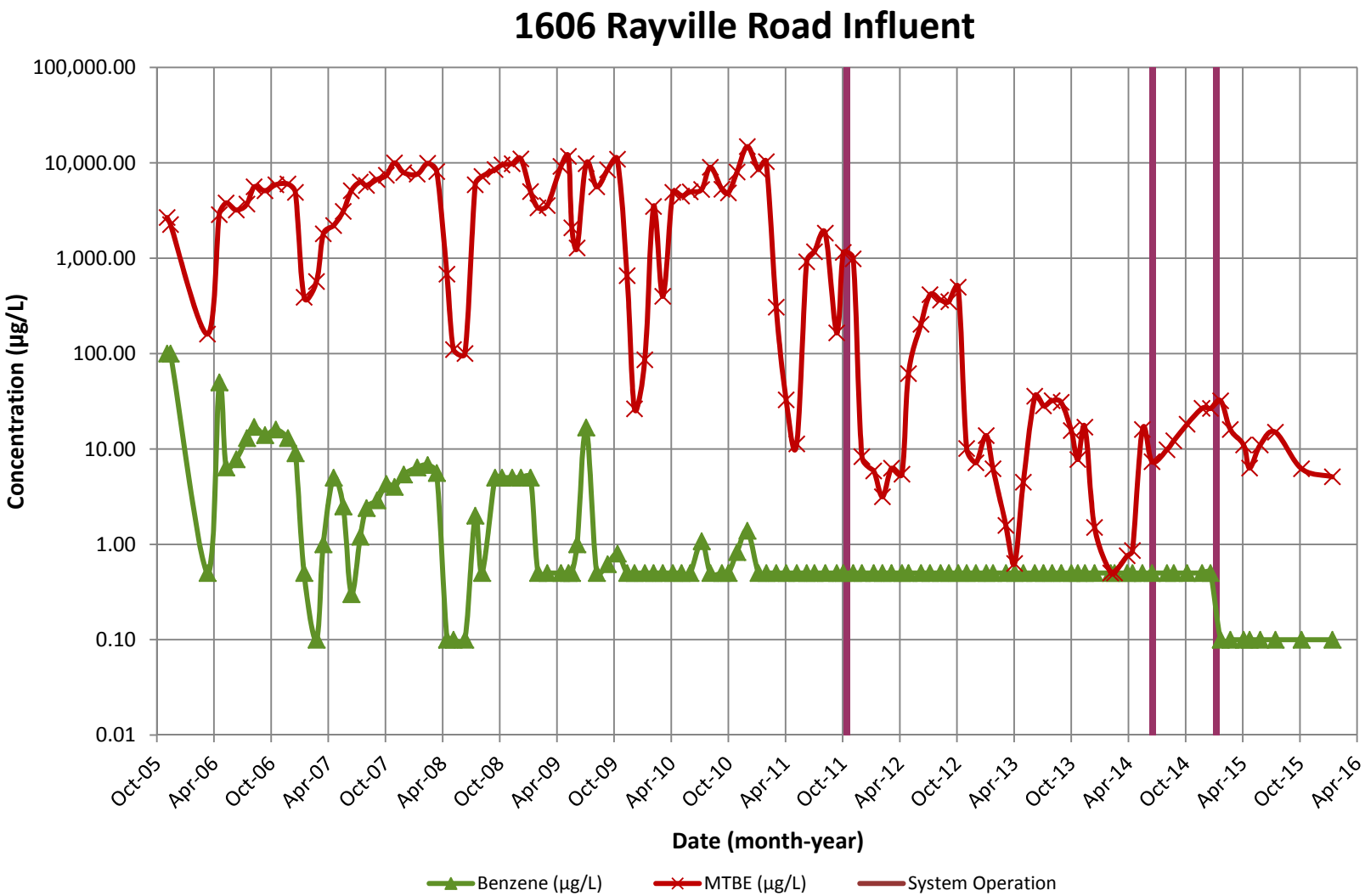

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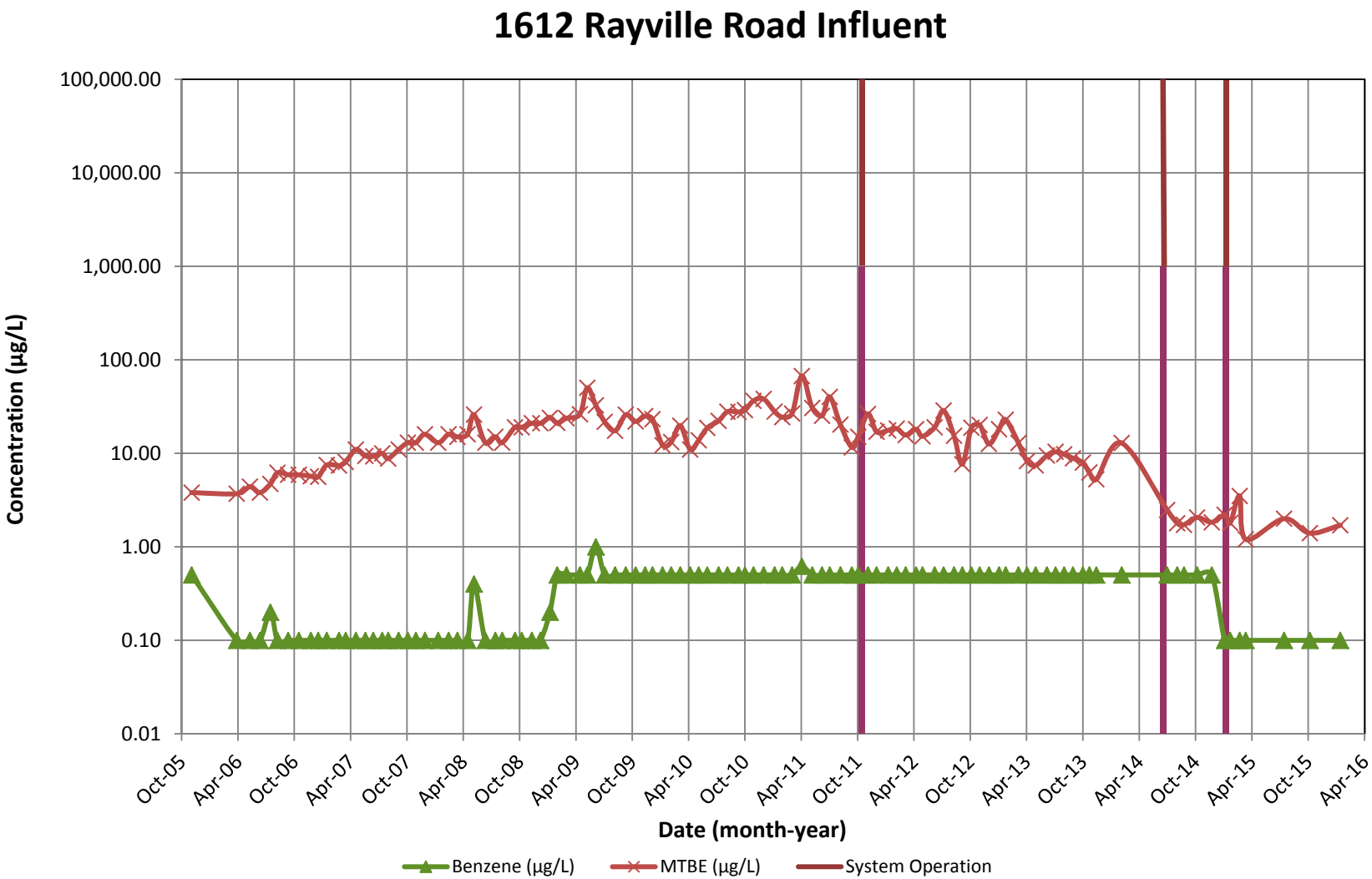

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APPENDIX E

Waste Manifest

March 2,2016

Herb Meade
Carroll Independent Fuel Company (CIFC)
2700 Loch Raven Road
Baltimore, MD 21218

Broker:Envirotech Consultants-CVI BR #11
2931 Whittington Avenue
Baltimore, MD 21230

Re: Certificate of Disposal
Work Order # 589860
Carroll Independent Fuel Company
19200 Middletown Road
Parkton, MD

Dear Sir/Madam:

This letter is to certify that Cycle Chem, Inc. (EPA ID No. PAD067098822) has accepted and processed the following shipments.

This acceptance is in accordance with all state & federal regulations and with the requirements set forth in Cycle Chem's Hazardous Waste Facility Permit.

Prod Code	Manifest In	Date In	Manifest Out	Date Out	Sent	Disposal Facility	Disposal Method
off-spec (orig)							
LD	BOL263347-1	02/19/2016	BOL14-47539	02/22/2016	1 x CM	Modern Landfill	landfill

If there are any further questions about the management of your waste, please do not hesitate to call.

Sincerely

Terry Earnest
General Manager