

June 3, 2014

Ms. Jenny Herman
Oil Control Program
Maryland Department of the Environment
1800 Washington Blvd, Suite 620
Baltimore, Maryland 21230

RE: ON-SITE REMEDIAL ACTIVITIES WORK PLAN – TRIAL SHUTDOWN

Wally's BP (former Citgo)
19200 Middletown Road
Parkton, Maryland
MDE Case # 2006-0319-BA
Facility ID # 4593

Dear Ms. Herman:

Groundwater & Environmental Services, Inc. (GES), on behalf of Carroll Independent Fuel Company (Carroll), respectfully submits this *On-Site Remedial Activities Work Plan – Trial Shutdown* for 19200 Middletown Road, Parkton, Maryland (Site). This work plan summarizes recent, on-going and future activities related to the operation of the groundwater pumps in recovery wells RW-1 and RW-2. It is independent of the September 10, 2013 *Off-Site Remedial Activities Work Plan* and the January 15, 2014 *1608 Rayville Road Step-Test Water Treatment Plan*, which are to be carried out once access to the 1608 Rayville Road property is obtained.

For the first and second quarters of 2014, GES has been pulsing the on-Site pump and treat (P&T) system, with concurrent periods of pumping and resting at recovery wells RW-1 and RW-2. The frequency of the pulsing has been approximately two weeks, with twice per month visits being conducted. The first visit of each month has been to turn the system on and conduct operation and maintenance (O&M) and the second to conduct O&M and then shut the system down. The first shutdown occurred during the second January O&M event visit (January 23, 2014). Prior to 2014, the groundwater pumps were operated continuously in recovery wells RW-1 and RW-2 since the system was activated on November 30, 2011.

As stated in the *On-Site Remedial Activities Work Plan* (December 23, 2013), it was anticipated that pulsing the groundwater pumps would continue through the second quarter groundwater sampling event, which occurred during the week of May 5, 2014, and the MDE would be notified in writing prior to any changes to the plan. The effects of system pulsing have been closely monitored with additional monitoring and sampling as required in the *Work Plan Approval* letter dated February 18, 2014. This includes sampling the system influent, RW-1, and RW-2 during each O&M visit, either just after the system is started or just prior to the system being shut down, sampling of the 1606 Rayville Road potable well once per month, and twice per month gauging of the four infiltration gallery monitoring wells (IP-1, IP-2, IP-3 and IP-4) and select monitoring and recovery wells (MW-4, RW-1, MW-10A, MW-10B, MW-24B, RW-2, MW-7A, MW-7B, MW-18A and MW-18B). Sampling of the monitoring and potable wells has been completed per the schedule established in the *Notice of Dispute Response* letter dated March 6, 2014.

Pulsing the recovery wells allowed the water table to return to static levels and come in contact with the pore water and soil/rock matrix in the zone that becomes saturated only when the recovery wells are not

in operation. This occurrence allows for the collection of data on the extent to which concentrations would “rebound” if the recovery wells were not operating. If methyl tert-butyl ether (MTBE) and other compounds of concern (COCs) were present in this zone (e.g., in soil moisture bound by capillary pressure), pulsing the recovery wells may allow the liberation and capture of these COCs, which would be reflected in an increase in system influent concentrations. As shown in the table below, significant concentration changes did not occur as a result of system pulsing. MTBE and total petroleum hydrocarbons–gasoline range organics (TPH-GRO) concentrations from the period of system pulsing are shown along with the historical maximum concentrations.

Date	System Operation (Action Taken)	MTBE			TPH-GRO		
		Influent	RW-1	RW-2	Influent	RW-1	RW-2
Historic Maximum		2,180	398	10,400	645	341	1,270
Jan 23 rd	Off	142	7.48	193	214	23.8 J	302
Feb 11 th	On	88.6	1.75	205	254.0	11.4 J	334
Feb 26 th	Off	85.2	42.3	142	145	60.9 J	185
Mar 11 th	On	79.2	<1	96.1	173.0	<13	154
Mar 21 st	Off	65.2	27.6	77.9	<13	<13	<13
Apr 4 th	On	86	2.21	86.1	73.8	<13	35.1
Apr 21 st	Off	27.6	26.7	51.7	70.4	<23.7	<23.4
May 6 th	On	12.5	<1	38.9	23.6	<13	<13

In addition to the table above, historical groundwater monitoring results are shown in **Table 1**, historical potable well monitoring results are shown in **Table 2**, historical system analytical data are shown in **Table 3**, system operational and recovery data are shown in **Tables 4** and **5**, and monitoring and recovery well hydrographs are included as **Appendix A**. All of these data show clear and significant reduction in MTBE and other COCs (if detected) over the period of system operation that continues through this recent period of pulsed operation. The water table at the site has increased during system pulsing and the groundwater recovery rate from recovery well RW-2 has substantially increased, both of which are likely due in large part to precipitation changes. Despite the system pulsing, significant increases in concentrations at monitoring wells, recovery wells, or potable wells have not been observed. Overall, since the remediation system was installed, the combined RW-1 and RW-2 influent MTBE concentration has decreased from 2,180 µg/L (November 30, 2011) to 12.5 µg/L (May 6, 2014); a reduction of over 99%. The influent TPH-GRO concentration has decreased from a historical maximum concentration of 645 µg/L detected January 24, 2012 to 23.6 µg/L (May 6, 2014); a reduction of over 96%. As a result, current hydrocarbon recovery rates are minimal.

Due to the results of system pulsing and recent system recovery data, GES requests a trial shutdown period for recovery wells RW-1 and RW-2 in order to further evaluate Site conditions. A trial shutdown will provide further information on the extent to which groundwater pumping at recovery wells RW-1 and RW-2 is currently improving groundwater conditions at the Site, the extent to which concentrations may “rebound” once the recovery wells are no longer operating, and the extent to which plume migration may occur without groundwater extraction. GES has evaluated the important considerations for determining whether a trial shutdown period is appropriate, including the stability of the groundwater contaminant plume and its potential for migration, the potential for unacceptable risks to human health or environmental resources by the contamination, and whether the contaminants are likely to be adequately addressed through natural attenuation processes. In terms of the groundwater contaminant plume,

historical groundwater analytical data demonstrate a clear trend of decreasing contaminant mass and concentrations over time, which indicate both the success of the P&T system and that natural attenuation is occurring at the Site (i.e., in areas outside of P&T system capture). In addition, the potential for unacceptable risks to human health or environmental resources has been mitigated through the properly functioning point-of-entry treatment (POET) systems on impacted drinking water receptors and through the routine monitoring program of surrounding potable wells.

During this trial shutdown period, the monitoring program currently in place (as detailed in the *Notice of Dispute Response* letter dated March 6, 2014) will be used to examine changes in concentrations and changes in the movement of the plume. If significant increases in concentrations beyond normal seasonal fluctuations are observed or changes in plume migration occur, pumping at recovery wells RW-1 and RW-2 can be restarted.

An appropriate trial shutdown period should extend over at least two quarterly groundwater sampling events because of the seasonal fluctuations typically observed at the Site. GES requests MDE approval to initiate a six month trial shutdown of recovery wells RW-1 and RW-2 starting July 2014. GES plans to continue pulsing of recovery wells RW-1 and RW-2 and the increased sampling and monitoring associated with this pulsing through June 2014 as currently scheduled. GES proposes to initiate the trial shutdown period by not restarting recovery wells RW-1 and RW-2 during the week of July 7th, as currently scheduled. Following the system shutdown, routine quarterly groundwater monitoring activities will be conducted in August 2014 and November 2014. Following the receipt of the August 2014 monitoring data, a letter summarizing groundwater conditions with a determination of whether a restart of the system is warranted will be submitted by September 30, 2014. Following the receipt of the November 2014 monitoring data, a similar letter will be submitted by December 31, 2014 with a proposed plan for future groundwater extraction from recovery wells RW-1 and RW-2. This schedule will be adjusted as necessary based on when approval from the MDE-OCP is received. Also, at the successful conclusion of the six month trial shutdown period, it is proposed that groundwater extraction from recovery wells RW-1 and RW-2 will not resume unless directed by the MDE-OCP.

GES appreciates the continued guidance of the MDE-OCP on this project and looks forward to its response. As mentioned above, this proposed plan is not to affect the work planned at the 1608 Rayville Road property. Once access to 1608 Rayville Road is obtained and the approved step test is performed, GES will submit a summary of the results to the MDE including proposed offsite remedial activities, which may or may not include reactivation of onsite pumping at recovery wells RW-1 and RW-2. If you have any questions or would like additional information, please contact the undersigned at 800-220-3606, extension 3712 or 3717, respectively, or Herb Meade at 410-261-5450.

Sincerely,
GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

Prepared By:



Daniel R. Drennan, PE
Project Engineer

Reviewed By:



Gregory Reichart
Project Manager

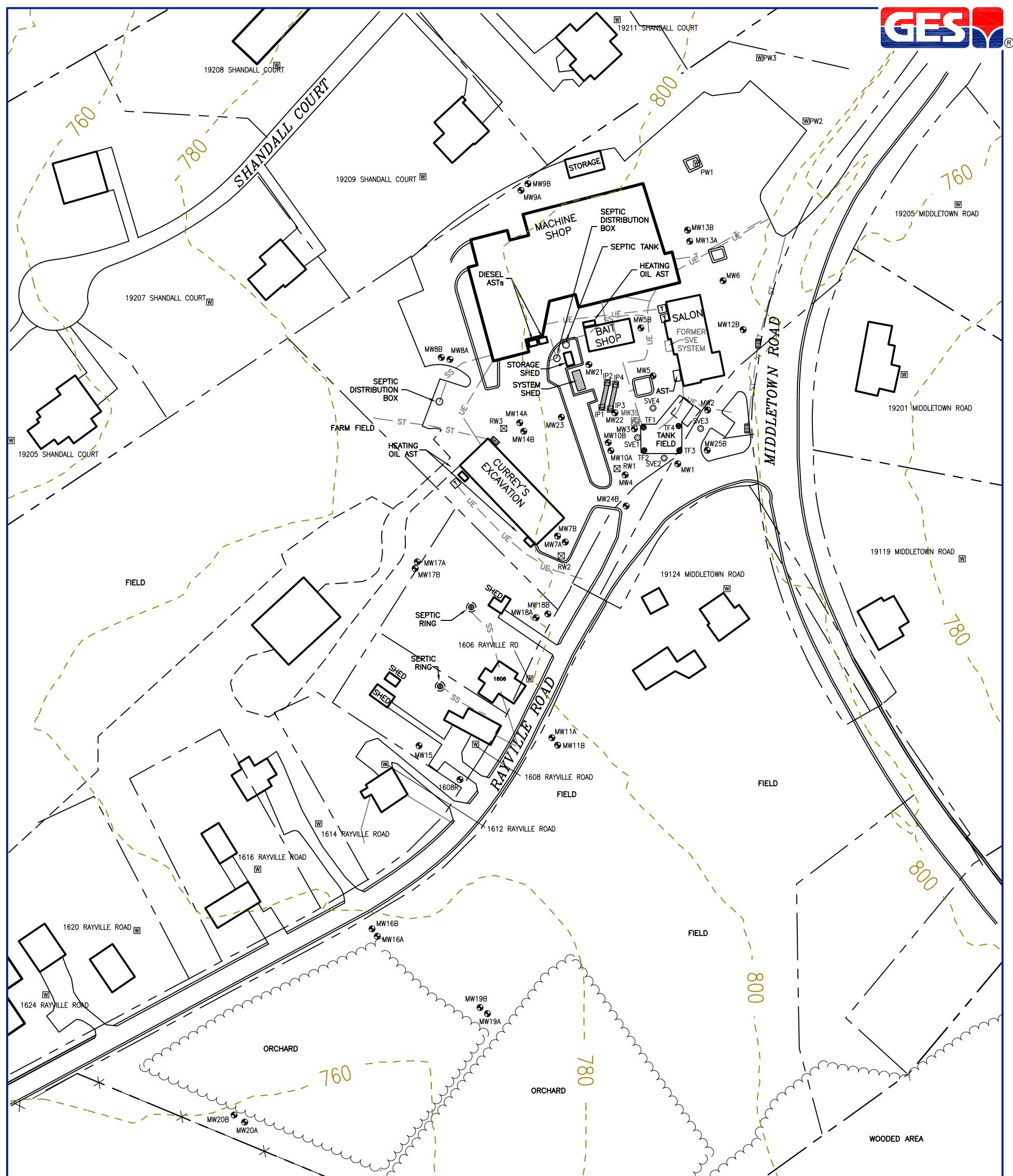
Attachments

Figure 1 – Site Map
Table 1 – Historical Groundwater Data Summary
Table 2 – Historical Potable Well Data Summary
Table 3 – System Analytical Data Summary
Table 4 – System Recovery Data Summary
Table 5 – System Operational Data Summary
Appendix A – Concentration Hydrographs

c: Jenny Herman – MDE (3 additional hard copies & CD)
Kevin Koepenick – Baltimore County DEPS
Herb Meade – Carroll Independent Fuels Company
GES File – PSID 493463



FIGURES

LEGEND

- - - PROPERTY BOUNDARY
- [grid] CATCH BASIN
- [T] TRANSFORMER
- [W] 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
- [solid gray box] SYSTEM SHED
- [hatched box] INFILTRATION GALLERY

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

CHECKED BY:
S.A.

REVIEWED BY:
G.R.

NORTH

SITE MAP

WALLY'S CITGO STATION
19200 MIDDLETOWN ROAD
PARKTON, MARYLAND

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

SCALE IN FEET
0 APPROXIMATE 120

DATE
2-7-14

FIGURE
1



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 Clean-up Standards*																	
				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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
IP-1	12/01/2011	NR	7.98	-	8.15	-	-	-	-	5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	47	47
	12/06/2011	NR	8.00	-	-	-	-	-	-												
	12/07/2011	NR	7.17	-	-	-	-	-	-												
	12/08/2011	NR	7.30	-	-	-	-	-	-												
	12/09/2011	NR	7.97	-	-	-	-	-	-												
	12/13/2011	NR	7.93	-	-	-	-	-	-												
	12/19/2011	NR	8.02	-	-	-	-	-	-												
	12/22/2011	NR	7.98	-	-	-	-	-	-												
	12/28/2011	NR	7.64	-	-	-	-	-	-												
	01/03/2012	NR	8.00	-	-	-	-	-	-												
	01/09/2012	NR	7.96	-	-	-	-	-	-												
	01/16/2012	NR	7.95	-	-	-	-	-	-												
	01/24/2012	NR	7.95	-	-	-	-	-	-												
	01/31/2012	NR	7.95	-	-	-	-	-	-												
	02/08/2012	NR	7.95	-	-	-	-	-	-												
	02/15/2012	NR	7.89	-	-	-	-	-	-												
	02/22/2012	NR	7.85	-	-	-	-	-	-												
	02/27/2012	NR	7.56	-	-	-	-	-	-												
	03/09/2012	NR	7.60	-	-	-	-	-	-												
	03/27/2012	NR	7.60	-	-	-	-	-	-												
	04/06/2012	NR	7.67	-	-	-	-	-	-												
	04/16/2012	NR	7.60	-	-	-	-	-	-												
	05/15/2012	NR	6.77	-	-	-	-	-	-												
	06/05/2012	NR	7.54	-	-	-	-	-	-												
	06/19/2012	NR	7.52	-	-	-	-	-	-												
	07/12/2012	NR	8.05	-	-	-	-	-	-												
	07/25/2012	NR	7.51	-	-	-	-	-	-												
	08/20/2012	NR	7.55	-	-	-	-	-	-												
	09/04/2012	NR	7.74	-	-	-	-	-	-												
	10/25/2012	NR	7.97	-	-	-	-	-	-												
	11/05/2012	NR	7.22	-	-	-	-	-	-												
	12/12/2012	NR	7.42	-	-	-	-	-	-												
	01/22/2013	NR	7.46	-	-	-	-	-	-												
	02/11/2013	NR	7.07	-	-	-	-	-	-												
	03/07/2013	NR	7.05	-	-	-	-	-	-												
	04/18/2013	NR	7.19	-	-	-	-	-	-												
	05/13/2013	NR	7.35	-	-	-	-	-	-												
	06/03/2013	NR	7.32	-	-	-	-	-	-												
	07/26/2013	NR	7.43	-	-	-	-	-	-												
	08/05/2013	NR	7.67	-	-	-	-	-	-												
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	04/21/2014	NR	7.14	-	-	-	-	-	-												
	05/06/2014	NR	7.98	-	-	-	-	-	-												
	05/22/2014	NR	6.93	-	-	-	-	-	-												
IP-2	12/01/2011	NR	8.80	-	9.01	-	-	-	-												
	12/06/2011	NR	8.80	-	-	-	-	-	-												
	12/07/2011	NR	8.16	-	-	-	-	-	-												
	12/08/2011	NR	8.30	-	-	-	-	-	-												
	12/09/2011	NR	8.79	-	-	-	-	-	-												
	12/13/2011	NR	8.80	-	-	-	-	-	-												
	12/19/2011	NR	8.82	-	-	-	-	-	-												
	12/22/2011	NR	8.83	-	-	-	-	-	-												
	12/28/2011	NR	8.78	-	-	-	-	-	-												
	01/03/2012	NR	8.80	-	-	-	-	-	-												
	01/09/2012	NR	8.78	-	-	-	-	-	-												
	01/16/2012	NR	8.79	-	-	-	-	-	-												
	01/24/2012	NR	8.79	-	-	-	-	-	-												
	01/31/2012	NR	8.79	-	-	-	-	-	-												
	02/08/2012	NR	8.79	-	-	-	-	-	-												
	02/15/2012	NR	8.78	-	-	-	-	-	-												
	02/22/2012	NR	8.78	-	-	-	-	-	-												
	02/27/2012	NR	8.79	-	-	-	-	-	-												
	03/09/2012	NR	8.79	-	-	-	-	-	-												
	03/27/2012	NR	8.79	-	-	-	-	-	-												

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 Parkton, MD

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				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)	Disopropyl ether (µg/L)	Tert-amyyl alcohol (µg/L)	Tert-amin methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)
IP-2 (cont.)	04/06/2012	NR	8.75	-	-	-	-	-	-	5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	47	47
	04/16/2012	NR	8.75	-	-	-	-	-	-												
	05/15/2012	NR	7.72	-	-	-	-	-	-												
	06/05/2012	NR	8.75	-	-	-	-	-	-												
	06/19/2012	NR	8.75	-	-	-	-	-	-												
	07/12/2012	NR	8.76	-	-	-	-	-	-												
	07/25/2012	NR	8.75	-	-	-	-	-	-												
	08/20/2012	NR	8.75	-	-	-	-	-	-												
	09/04/2012	NR	8.78	-	-	-	-	-	-												
	10/25/2012	NR	8.79	-	-	-	-	-	-												
	11/05/2012	NR	8.17	-	-	-	-	-	-												
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	05/22/2014	NR	8.03	-	-	-	-	-	-												
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	12/08/2011	NR	7.65	-	-	-	-	-	-												
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	12/13/2011	NR	8.14	-	-	-	-	-	-												
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	12/22/2011	NR	8.17	-	-	-	-	-	-												
	12/28/2011	NR	7.83	-	-	-	-	-	-												
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	01/09/2012	NR	8.15	-	-	-	-	-	-												
	01/16/2012	NR	8.15	-	-	-	-	-	-												
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	01/31/2012	NR	8.13	-	-	-	-	-	-												
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	02/15/2012	NR	8.12	-	-	-	-	-	-												
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	04/16/2012	NR	7.88	-	-	-	-	-	-												
	05/15/2012	NR	7.82	-	-	-	-	-	-												
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	06/19/2012	NR	7.83	-	-	-	-	-	-												
	07/12/2012	NR	8.33	-	-	-	-	-	-												
	07/25/2012	NR	7.86	-	-	-	-	-	-												
	08/20/2012	NR	7.78	-	-	-	-	-	-												
	09/04/2012	NR	8.12	-	-	-	-	-	-												
	10/25/2012	NR	7.74	-	-	-	-	-	-												
	12/12/2012	NR	7.44	-	-	-	-	-	-												
	01/22/2013	NR	7.69	-	-	-	-	-	-												
	02/11/2013	NR	7.45	-	-	-	-	-	-												
	03/07/2013	NR	7.42	-	-	-	-	-	-												
	04/18/2013	NR	7.50	-	-	-	-	-	-												
	05/13/2013	NR	7.64	-	-	-	-	-	-												
	06/03/2013	NR	7.55	-	-	-	-	-	-												
	07/26/2013	NR	7.71	-	-	-	-	-	-												
	08/05/2013	NR	7.88	-	-	-	-	-	-												

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 Clean-up Standards*															
				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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)
IP-3 (cont.)	09/05/2013	NR	7.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	NR	7.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	NR	7.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/20/2013	NR	7.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/23/2014	NR	7.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/10/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	NR	7.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/26/2014	NR	7.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/11/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/04/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/21/2014	NR	7.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/06/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/22/2014	NR	7.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IP-4	12/01/2011	NR	DRY	-	-	7.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/06/2011	NR	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	NR	7.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	NR	DRY	-	7.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/22/2011	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	NR	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/24/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/2012	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	NR	DRY	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/27/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/06/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/15/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/05/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/19/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/12/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	NR	DRY	-	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/04/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/12/2012	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/22/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	NR	DRY	-	7.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/07/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/03/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/05/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/20/2013	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/23/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/10/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/26/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/11/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/21/2014	NR	DRY	-	7.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/04/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/21/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/06/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/22/2014	NR	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	09/12/2005	802.09	41.25	760.84	-	3 J	<0.7	<0.8	14	17	7	-	-	-	-	-	-	-	-
	12/01/2005	802.09	41.50	760.59	-	3 J	1 J	<0.8	17	21	13	-	-	-	-	-	-	-	-
	01/20/2006	802.09	39.02	763.07	-	2 J	<0.7	<0.8	10	12	3 J	-	-	-	-	-	-	-	-
	05/12/2006	802.09	41.52	760.57	-	3 J	<0.7	<0.8	11	14	3 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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
				5	1,000	700	10,000													
GW Clean-up Standards*																				
MW-1 (cont.)	09/20/2006	802.09	42.71	759.38	-	3 J	<0.7	<0.8	12	15	4 J	-	<0.8	-	<0.8	-	<0.8	48 J	900	360
	11/02/2006	802.09	42.04	760.05	61.5	2 J	<0.7	<0.8	6	8	6	-	<0.8	-	<0.8	-	<0.8	35 J	360	280
	04/23/2007	802.09	36.33	765.76	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	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	-	<0.8	<10	<20	220
	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	-	<0.8	<10	110	270
	11/07/2007	802.09	45.06	757.03	-	1 J	<0.7	<0.8	4 J	5	22	-	<0.8	-	<0.8	-	0.8 J	26 J	300	12,000
	02/21/2008	802.09	40.77	761.32	-	<0.5	<0.7	<0.8	1 J	1	61	-	<0.8	-	<0.8	-	1 J	33 J	120	260
	05/14/2008	802.09	36.32	765.77	-	<0.5	<0.7	<0.8	<0.8	<2.8	6	-	<0.8	-	<0.8	-	<0.8	<10	<20	360
	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	-	<0.8	<10	<20	180
	11/19/2008	802.09	43.45	758.64	-	<0.5	<0.7	<0.8	<0.8	<2.8	8	-	<0.8	-	<0.8	-	<0.8	<10	<20	140
	02/10/2009	802.09	41.77	760.32	-	<1	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<1	<5	<25	<40
	05/18/2009	802.09	38.23	763.86	-	<1	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<1	<5	<25	<40
	08/17/2009	802.09	42.11	759.98	-	<1	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<1	<5	<25	<40
	11/23/2009	802.09	38.16	763.93	-	<1	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<1	61.5	108	
	02/17/2010	802.09	37.23	764.86	-	<1	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<1	<5	34.3	104
	05/18/2010	802.09	39.19	762.90	-	<2	<2	<2	<2	<2	<8	<2	-	<2	-	<2	<10	<100	<300	
	06/03/2010	802.09	40.01	762.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/17/2010	802.09	42.87	759.22	-	<1	<1	<1	<1	<1	<4	10.3	-	-	-	-	<100	<150		
	11/22/2010	802.09	44.01	758.08	-	<1	<1	<1	<1	<1	<4	36.5	-	-	-	-	<100	297		
	02/14/2011	802.09	44.44	757.65	-	<1	<1	<1	<1	<1	<4	6.95	-	-	-	-	<100	<150		
	04/25/2011	802.09	35.27	766.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	04/28/2011	802.09	37.29	764.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/24/2011	802.09	36.94	765.15	-	<1	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<5	<100	<150	
	08/22/2011	802.09	42.30	759.79	-	<1	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<5	<100	162	
	11/28/2011	802.09	36.10	765.99	61.60	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11/30/2011	802.09	37.02	765.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/01/2011	802.09	37.02	765.07	-	<1	<1	<1	<1	<1	<2	<1	-	<1	-	<1	<5	<100	<180	
	12/06/2011	802.09	36.81	765.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/07/2011	802.09	39.49	762.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/08/2011	802.09	39.87	762.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/09/2011	802.09	37.80	764.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/13/2011	802.09	36.27	765.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/19/2011	802.09	38.81	763.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/28/2011	802.09	36.60	765.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/03/2012	802.09	39.47	762.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/09/2012	802.09	40.16	761.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/16/2012	802.09	40.85	761.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/17/2012	802.09	40.85	761.24	-	<1	<1	<1	<1	<1	<2	<1	66.1	<1	<1	<1	79.6	<100	<152	
	01/24/2012	802.09	41.13	760.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/31/2012	802.09	41.58	760.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/08/2012	802.09	41.96	760.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/15/2012	802.09	42.12	759.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/22/2012	802.09	42.31	759.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/27/2012	802.09	40.62	761.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	03/05/2012	802.09	42.70	759.39	61.01	-	-	-	-	-	-	-	-	-	-	-	-	-		
	03/07/2012	802.09	44.21	757.88	60.95	<1	<1	<1	<1	<1	<2	<5	110	<1	<1	<5	2.08	<5	<100	<156
	04/06/2012	802.09	41.77	760.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/07/2012	802.09	46.39	755.70	60.96	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/08/2012	802.09	46.28	755.81	60.97	<2	<2	<2	<2	<2	<4	<10	104	<2	<10	<2	117	<100	246	
	06/05/2012	802.09	46.47	755.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	07/25/2012	802.09	49.03	753.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/02/2012	802.09	49.25	752.84	61.00	<1	<1	<1	<1	<1	<2	<5	112	<1	<1	<5	2.08	214	463	194
	09/04/2012	802.09	43.10	758.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	10/25/2012	802.09	43.57	758.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11/05/2012	802.09	38.91	763.18	60.97	<2	<2	<2	<2	<2	<4	<10	224	<2	<10	2.94	184	<100	<153	
	12/12/2012	802.09	40.75	761.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/22/2013	802.09	43.37	758.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/11/2013	802.09	38.45	763.64	60.88	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/12/2013	802.09	NR	-	-	<1	<1	<1	<1	<1	<2	31.1 VH	<1	<1	<1	<5	<5	<100	<150	
	03/07/2013	802.09	41.26	760.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	04/18/2013	802.09	42.24	759.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/13/2013	802.09	43.00	759.09	60.95	<0.5	<0.5	<0.5	<0.5	<1	<3	54.6	<0.5	<0.5	<2.5	0.88	95.2	130	<154	
	05/14/2013	802.09	NR	-	-	<0.5	<0.5	<0.5	<0.5	<1	<4	<10	69.3	<2	<2	<10	<2	191	134	241
	06/03/2013	802.09	42.03	760.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	07/26/2013	802.09	44.18	757.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/05/2013	802.09	44.28	757.81	60.92	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/06/2013	802.09	NR	-	-	<2														

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HISTORICAL GROUNDWATER DATA SUMMARY

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

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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)	GW Clean-up Standards*										TPH-GRO (µg/L)	TPH-DRO (µg/L)
						5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA	
GW Clean-up Standards*																	
MW-5B (cont.)	05/09/2012	802.64	40.64	762.00	100.17	<1	<1	<1	<2	-	-	<5	<1	<1	<5	<100	<300
	06/05/2012	802.64	45.87	756.77	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	802.64	40.97	761.67	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	802.64	41.27	761.37	100.27	-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2012	802.64	41.57	761.07	100.27	<1	<1	<1	<2	-	-	<5	<1	<1	<5	<100	168
	09/04/2012	802.64	58.65	743.99	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	802.64	42.07	760.57	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	802.64	40.30	762.34	100.22	-	-	-	-	-	-	-	-	-	-	-	-
	11/06/2012	802.64	NR	-	-	<1	<1	<1	<2	-	-	<5	<1	<1	<5	<100	<153
	12/12/2012	802.64	41.68	760.96	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/22/2013	802.64	39.45	763.19	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	802.64	38.02	764.62	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/14/2013	802.64	NR	-	-	<1	<1	<1	<2	-	-	<5	<1	<1	<5	<100	<150
	03/07/2013	802.64	45.74	756.90	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	802.64	38.41	764.23	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	802.64	39.26	763.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/16/2013	802.64	NR	-	-	<0.5	<0.5	<0.5	<1	-	-	<3	<0.5	<0.5	<2.5	<100	<150
	06/03/2013	802.64	49.96	752.68	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	802.64	40.05	762.59	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	802.64	40.12	762.52	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/08/2013	802.64	NR	-	-	<1	<1	<1	1.04	1.04	<1	-	-	-	-	-	-
	09/05/2013	802.64	44.85	757.79	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	802.64	41.79	760.85	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	802.64	41.37	761.27	100.22	-	-	-	<2	-	-	<5	<1	<1	<5	34.5 J	33.0 J
	11/21/2013	802.64	NR	-	-	<1	<1	<1	<2	-	-	-	-	-	<1	<9.35	88.4 J
	12/20/2013	802.64	45.08	757.56	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	802.64	37.60	765.04	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2014	802.64	NR	-	-	<1.00	<1.00	<1.00	<2.00	<5	<1.00	<1.00	<1.00	<5.00	<1.00	<9.35	<27.7
MW-5	12/01/2005	802.18	40.75	761.43	-	210	4,000	1,100	7,100	12,410	2,800	-	-	-	-	-	-
	01/20/2006	802.18	39.55	762.63	-	210	4,700	950	7,600	13,460	3,300	-	-	-	-	-	-
	05/12/2006	802.18	40.80	761.38	-	150	960	240	2,300	3,650	900	-	-	-	-	-	-
	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
	11/02/2006	802.18	41.00	761.18	-	34	130	55	690	909	1,000	-	53	-	63	18,000	5,900 19,000
	04/24/2007	802.18	36.94	765.24	-	6	7	15	180	208	208	-	1 J	-	3 J	320	1,500 1,300
	08/08/2007	802.18	41.33	760.85	-	6	4 J	39	160	209	63	-	2 J	-	3 J	1,400	4,600
	11/07/2007	802.18	43.04	759.14	-	6	3 J	10	32	51	100	-	3 J	-	6	700	540 3,300
	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
	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
	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
	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
	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
	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
	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
	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
	02/17/2010	802.18	37.53	764.65	-	<2	<2	<2	9.2	9	4.14	-	<2	-	<2	125	225 141
	05/18/2010	802.18	38.70	763.48	-	<2	6.66	6.4	44.2	57	6.84	-	<2	-	<2	345	213 <300
	06/03/2010	802.18	39.25	762.93	-	-	-	-	-	-	-	-	-	-	-	-	-
	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
	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
	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 D1
	04/25/2011	802.18	36.73	765.45	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2011	802.18	36.67	765.51	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/24/2011	802.18	37.20	764.98	-	4.68	<2	3.30	9.18	17	7.84	-	<2	-	<2	321	276 640
	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
	11/28/2011	802.18	37.42	764.76	49.20	-	-	-	-	-	-	-	-	-	-	-	-
	11/30/2011	802.18	37.09	765.09	-	3.7	29.8	22.1	133.1	188.7	4.17	10.4	<1	<5	<1	723	722 1,560
	12/01/2011	802.18	37.41	764.77	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/06/2011	802.18	37.74	764.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	802.18	37.66	764.52	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	802.18	37.44	764.74	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	802.18	36.83	765.35	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	802.18	36.94	765.24	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	802.18	35.66	766.52	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	802.18	35.12	767.06	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	802.18	35.25	766.93	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	802.18	35.78	766.40	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	802.18	36.15	766.03	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/17/2012	802.18	36.06	766.12	-	33.3	1,140	643	5,090	6,906	39.2	331	<2	<10	<2	25,800	26,300
	01/24/2012	802.18	36.55	765.63	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2012	802.18	37.08	765.10	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/2012	802.18	37.52	764.66	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	802.18	37.76	764.42	-	-	-	-	-	-	-	-	-	-	-	-	-

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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
GW Clean-up Standards*																	
MW-5 (cont.)	02/22/2012	802.18	37.53	764.65	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	802.18	38.62	763.56	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	802.18	38.15	764.03	49.27	-	-	-	-	-	-	-	-	-	-	-	-
	03/07/2012	802.18	38.52	763.66	49.25	12.6	216	373	2,216	2,818	33.6	148	<2	<10	<2	11,400	8,760
	04/06/2012	802.18	39.74	762.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	802.18	40.77	761.41	40.77	-	-	-	-	-	-	-	-	-	-	-	-
	05/09/2012	802.18	40.65	761.53	49.22	16.4	73	89	242	420	16.1 VH	93.9 VC	<1	<5	<1	4,690	14,000
	06/05/2012	802.18	39.91	762.27	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	802.18	40.88	761.30	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	802.18	41.27	760.91	49.22	-	-	-	-	-	-	-	-	-	-	-	-
	08/21/2012	802.18	41.27	760.91	49.22	43.9	336	190	923	1,493	65.6	168	<2	107	<2	8,320	17,700
	09/04/2012	802.18	41.18	761.00	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	802.18	41.54	760.64	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	802.18	37.21	764.97	49.26	59.3	424	396	2,194	3,073	73.7	158	2.22	140	4.62	19,200	10,100
	12/12/2012	802.18	39.15	763.03	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/22/2013	802.18	38.99	763.19	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	802.18	36.24	765.94	49.24	-	-	-	-	-	-	-	-	-	-	-	-
	02/12/2013	802.18	NR	-	-	32	1,780	850	5,870	8,532	61.5 VH	344 VC	<1	173 VC	<1	82,500 QK	28,800
	03/07/2013	802.18	37.47	764.71	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	801.35	38.61	762.74	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	801.35	39.22	762.13	58.98	-	-	-	-	-	-	-	-	-	-	-	-
	05/16/2013	801.35	NR	-	-	28.1	401	323	1,130	11,882.0	44.7	239	<0.5	92.5	2.87	22,300	42,400
	06/03/2013	801.35	39.55	761.80	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	801.35	39.82	761.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	801.35	39.94	762.24	49.25	-	-	-	-	-	-	-	-	-	-	-	-
	08/08/2013	801.35	NR	-	-	41.1	1,170	525	2,243	3,979.0	44.4	459	<1	<5	2.71	41,600	34,500
	09/05/2013	801.35	40.42	760.93	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	801.35	41.41	759.94	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	801.35	41.08	760.27	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/22/2013	801.35	NR	-	-	21.9	123	121	457	722.9	16.5	198	<2	42.4	<2	5,010	5,040
	12/20/2013	801.35	40.58	760.77	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	801.35	35.97	765.38	49.28	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2014	801.35	NR	-	-	11.4	161	258	1,140	1,570.4	9	142	<5.00	39	<5.00	2,850	6,310
	05/06/2014	801.35	34.08	767.27	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/08/2014	801.35	NR	-	-	11.4	285	235	1,470	2,001.4	11	243	<5	<25	<5	8,890	10,200
MW-6	01/20/2006	801.08	43.74	757.34	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	-	-	-	-	-
	05/12/2006	801.08	43.72	757.36	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.5 J	-	-	-	-	-	-
	09/20/2006	801.08	42.53	758.55	-	0.7 J	30	13	110	154	1 J	-	<0.8	-	12 J	440	100
	11/02/2006	801.08	45.14	755.94	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	-	<10	41 J	
	04/23/2007	801.08	38.21	762.87	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.8 J	-	<0.8	-	<10	<20	430
	08/08/2007	801.08	42.04	759.04	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	-	<10	<20	<290
	11/07/2007	801.08	45.90	755.18	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.5 J	-	<0.8	-	<10	<20	49 J
	02/21/2008	801.08	46.84	754.24	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.7 J	-	<0.8	-	<10	<20	89 J
	05/14/2008	801.08	40.72	760.36	-	<0.5	<0.7	<0.8	<0.8	<2.8	0.8 J	-	<0.8	-	<10	<20	55 J
	08/13/2008	801.08	41.44	759.64	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	-	<10	<20	110
	11/19/2008	801.08	44.72	756.36	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8	-	<10	<20	45 J
	02/10/2009	801.08	43.70	757.38	-	<1	<1	<1	<1	<4	<1	-	<1	-	<5	<25	<40
	05/18/2009	801.08	42.95	758.13	-	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<5	<25
	08/17/2009	801.08	43.55	757.53	-	<1	<1	<1	<1	<4	<1	-	<1	-	<5	<25	<40
	11/23/2009	801.08	40.82	760.26	-	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<5	37.9
	02/17/2010	801.08	37.34	763.74	-	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<5	35.2
	05/18/2010	801.08	36.39	764.69	-	<2	<2	<2	<2	<2	<8	<2	-	<2	-	<10	<600
	06/03/2010	801.08	37.43	763.65	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/17/2010	801.08	41.55	759.53	-	<1	<1	<1	<1	<4	<1	-	<1	-	<5	<100	<150
	11/22/2010	801.08	44.49	756.59	-	<1	<1	<1	<1	<4	<1	-	<1	-	<5	<100	<150
	02/14/2011	801.08	45.22	755.86	-	<1	<1	<1	<1	<4	<1	-	<1	-	<5	<100	<150
	04/25/2011	801.08	38.42	762.66	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2011	801.08	37.92	763.16	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/24/2011	801.08	36.90	764.18	-	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<5	<100
	08/22/2011	801.08	40.83	760.25	-	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<5	<100
	11/28/2011	801.08	37.67	763.41	59.00	-	-	-	-	-	-	-	-	-	-	-	-
	11/30/2011	801.08	37.55	763.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2011	801.08	37.55	763.53	-	<1	<1	<1	<2	<5	<1	-	<1	-	<1	5.71	<100
	12/06/2011	801.08	37.28	763.80	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	801.08	37.17	763.91	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	801.08	37.20	763.88	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	801.08	37.22	763.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	801.08	36.97	764.11	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	801.08	36.57	764.51	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	801.08	36.16	764.92	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	801.08	36.11	764.97	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	801.08	36.47	764.61	-	-											

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

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

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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
GW Clean-up Standards*																	
MW-7A (cont.)	01/09/2012	796.66	47.22	749.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	796.66	47.53	749.13	-	≤2	≤2	≤2	≤4	≤10	1,600	≤2	≤2	≤10	44.8	1,190	658
	01/19/2012	796.66	44.45	752.21	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/24/2012	796.66	47.19	749.47	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2012	796.66	45.79	750.87	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/2012	796.66	47.23	749.43	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	796.66	47.15	749.51	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	796.66	47.02	749.64	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	796.66	45.89	750.77	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	796.66	47.22	749.44	64.70	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/2012	796.66	47.21	749.45	-	≤2	≤2	≤2	≤4	≤10	1,460	≤2	10.2	≤10	39.6	970	508
	04/06/2012	796.66	45.13	751.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	796.66	46.80	749.86	71.64	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2012	796.66	46.62	750.04	64.25	<1	<1	<1	<2	<5	357 VH	<1	2.62 VH	<5	7.1 VH	282	114
	06/05/2012	796.66	45.91	750.75	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	796.66	47.04	749.62	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	796.66	46.96	749.70	64.25	-	-	-	-	-	-	-	-	-	-	-	-
	08/23/2012	796.66	NR	-	-	<1	<1	<1	<2	<5	540	<1	3.86	<5	14.5	526	<100
	09/04/2012	796.66	47.10	749.56	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	796.66	46.64	750.02	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	796.66	45.97	750.69	64.25	-	-	-	-	-	-	-	-	-	-	-	-
	11/08/2012	796.66	NR	-	-	≤2	≤2	≤2	≤4	≤10	581	≤2	≤2	≤10	17.7 VH	388	<100
	12/12/2012	796.66	44.56	752.10	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/22/2013	796.66	44.80	751.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	796.66	43.42	753.24	64.25	-	-	-	-	-	-	-	-	-	-	-	-
	02/14/2013	796.66	NR	-	-	<1	<1	<1	<2	<5	234 QK	<1	<1	<1	4.34	101	<100
	03/07/2013	796.66	43.38	753.28	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	796.66	43.46	753.2	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	796.66	43.58	753.08	64.27	-	-	-	-	-	-	-	-	-	-	-	-
	05/16/2013	796.66	NR	-	-	<0.5	0.6	<0.5	3.11	3.70	165	1.38	2.11	<2.5	2.6	77.4	300
	06/03/2013	796.66	43.44	753.22	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	796.66	44.18	752.48	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	796.66	44.12	752.54	64.29	-	-	-	-	-	-	-	-	-	-	-	-
	08/08/2013	796.66	NR	-	-	<1	<1	<1	4.09	4.09	232	22.2	1.89	<5	3.58	400	226
	09/05/2013	796.66	44.55	752.11	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	796.66	45.05	751.61	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	796.66	44.98	751.68	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/22/2013	796.66	NR	-	-	<1	<1	<1	<2	<5	249	<1	3.58	<5	5.08	217	256
	12/20/2013	796.66	44.77	751.89	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/23/2014	796.66	42.91	753.75	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/10/2014	796.66	40.62	756.04	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	796.66	43.45	753.21	64.2	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2014	796.66	NR	-	-	<1.00	<1.00	<1.00	<2.00	<5	73.4	<1.00	<1.00	<5.00	1.39	<5.00	123
	03/11/2014	796.66	39.22	757.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/21/2014	796.66	35.86	760.80	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/04/2014	796.66	38.47	758.19	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/21/2014	796.66	42.98	753.68	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/06/2014	796.66	37.38	759.28	64.2	-	-	-	-	-	-	-	-	-	-	-	-
	05/08/2014	796.66	NR	-	-	<1	<1	<1	<2	<5	38.8	<1	<1	<1	<1	<5	57.8 J
	05/22/2014	796.66	42.36	754.30	-	-	-	-	-	-	-	-	-	-	-	-	<23.4
MW-7B	09/20/2006	796.64	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/02/2006	796.64	84.88	711.76	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/23/2007	796.64	40.29	756.35	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/01/2007	796.64	NR	-	-	<1	<1	<1	<2	<6	3,500	-	18	-	78	210	5,200
	05/02/2007	796.64	NR	-	-	<1	<1	<2	<2	<6	2,700	-	12	-	56	170	3,700
	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
	11/08/2007	796.64	45.48	751.16	-	1 J	<2	<2	<2	1	1,400	-	8 J	-	36	150 J	1,900
	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
	05/15/2008	796.64	41.32	755.32	-	1 J	<1	<2	2 J	3	1,100	-	7 J	-	28	200	890
	08/14/2008	796.64	51.83	744.81	-	5 J	<4	<4	<4	5	3,700	-	19 J	-	92	1,400	870
	11/21/2008	796.64	44.89	751.75	-	<3	6 J	7 J	30	43	2,300	-	9 J	-	53	990	2,300
	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
	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
	08/18/2009	796.64	43.29	753.35	-	<2	<2	<2	<2	<8	3,250	-	13.9	-	64.1	<500	645
	11/24/2009	796.64	42.55	754.09	-	<2	<2	<2	<2	<8	1,070	-	6.02	-	27.1	605	867
	02/18/2010	796.64	38.20	758.44	-	<2	<2	<2	<2	<8	1,270	-	6.6	-	30	624	85.1
	05/20/2010	796.64	35.72	760.92	-	<2	<2	<2	<2	<8	206	-	<2	-	6.9	205	171
	06/03/2010	796.64	39.40	757.24	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/19/2010	796.64	42.87	753.77	-	<1	<1	<1	<1	<4	119	-	<1	-	2.67	65.8	131
	11/23/2010	796.64	45.08	751.56	-	<1	<1	<1	<1	<4	113	-	<1	-	2.02	58.6	215
	02/17/2011	796.64	45.37	751.27	-	<1	<1	<1	<1	<4	240	-	1.21	-	5.60	106	136
	04/25/2011	796.64	36.48	760.16	-	-	-	-	-	-	-	-	-	-	-	-	-

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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
				5	1,000													
GW Clean-up Standards*																		
MW-7B (cont.)	04/28/2011	796.64	36.70	759.94	-	-	<1	<1	<1	-	-	-	-	-	-	-	-	-
	05/26/2011	796.64	37.32	759.32	-	-	≤2	≤2	≤2	-	-	-	-	-	-	2.63	51.8	152
	08/25/2011	796.64	41.67	754.97	-	-	1.3	≤1	-	-	-	-	-	-	-	3.70	56.0	171
	11/28/2011	796.64	21.87	774.77	-	-	-	-	-	-	-	-	-	-	-	17.3	214	104 MS
	12/01/2011	796.64	13.60	783.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/06/2011	796.64	16.54	780.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	796.64	0.15	796.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	796.64	0.15	796.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	796.64	0.15	796.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	796.64	3.46	793.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	796.64	7.06	789.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	796.64	0.8	795.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	796.64	1.10	795.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	796.64	3.95	792.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	796.64	2.52	794.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/20/2012	796.64	1.70	794.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/24/2012	796.64	0.15	796.49	-	-	≤2	≤2	≤2	-	-	-	-	-	-	-	-	-
	01/31/2012	796.64	2.30	794.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/2012	796.64	5.92	790.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	796.64	84.90	711.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	796.64	79.18	717.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	796.64	75.68	720.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	796.64	71.68	724.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/08/2012	796.64	69.89	726.75	-	-	≤1	≤1	≤1	-	-	-	-	-	-	≤1	≤5	≤100
	04/06/2012	796.64	59.50	737.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/11/2012	796.64	52.84	743.80	100.42	-	≤1	≤1	≤1	-	-	-	-	-	-	≤1	≤1	≤100
	06/05/2012	796.64	50.58	746.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	796.64	46.90	749.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	796.64	46.25	750.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2012	796.64	46.08	750.56	NR	1.21	≤1	≤1	≤1	-	-	-	-	-	-	1.42	21.9	≤100
	09/04/2012	796.64	47.65	748.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	796.64	46.32	750.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	796.64	45.92	750.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/08/2012	796.64	45.52	751.12	100.36	6.64	≤1	-	-	-	-	-	-	-	-	5.41	59.2 VH	≤100
	12/12/2012	796.64	19.65	776.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/22/2013	796.64	31.85	764.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	796.64	44.45	752.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/13/2013	796.64	43.70	752.94	-	8.44	≤1	-	-	-	-	-	-	-	-	6.74	146	340
	03/07/2013	796.64	42.98	753.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	796.64	42.11	754.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	796.64	42.04	754.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/16/2013	796.64	42.06	754.58	-	5.51	≤1	-	-	-	-	-	-	-	-	-	-	-
	06/03/2013	796.64	41.05	755.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	796.64	41.84	754.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	796.64	42.15	754.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/07/2013	796.64	42.24	754.40	-	6.56	≤2	≤2	≤2	-	6.56	423	≤2	≤2	≤10	11.1	528	416
	09/05/2013	796.64	44.35	752.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/21/2013	796.64	44.01	752.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	796.64	43.78	752.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/21/2013	796.64	43.82	752.82	-	6.48	≤1	≤1	≤2	-	6.48	417	≤1	2.47	≤5	9.19	239	323
	12/20/2013	796.64	45.72	750.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/23/2014	796.64	44.01	752.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/21/2014	796.64	43.12	753.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/21/2014	796.64	37.64	759.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/21/2014	796.64	37.98	758.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/06/2014	796.64	38.08	758.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/09/2014	796.64	37.99	758.65	-	2.03	≤1	≤1	≤2	-	2.03	182	≤1	≤1	≤5	≤1	286	774
	05/22/2014	796.64	40.62	756.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
	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
	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
	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	1,800
	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	340
	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	330
	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	280
	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	240
	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	500
	02/11/2009	793.10	41.25	751.85	-	<1	<1	<1	<1	<4	-	<1	-	<1	-	<1	<5	<40
	05/19/2009	793.10	40.15	752.95	-	<1	<1	<1	<1	<4	-	1.91	-	<1	-	<1	<5	<40
	08/17/2009	793.10	41.10	752.00	-	<1	<1	<1	<1	<4	-	2.32	-	<1	-	<1	<5	<40
	11/23/2009	793.10	39.62	753.48	-	<1	<1	<1	<1	<4	-	1.60	-	<1	-	<1	<5	38.2
	02/17/2010	793.10	37.91	755.19	-	<1	<1	<1	<1	<4	-	<1	-	<1	-	<1	<5	34.2

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)	Disopropyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-aminemethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
				5	1,000														
GW Clean-up Standards*																			
MW-8A (cont.)	05/19/2010	793.10	39.50	753.60	-	<2	<2	<2	<2	<2	<8	3.18	-	<2	-	<10	<100	<300	
	06/03/2010	793.10	39.30	753.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/17/2010	793.10	41.61	751.49	-	<1	<1	<1	<1	<1	<4	1.78	-	-	-	<100	<150		
	11/22/2010	793.10	42.05	751.05	-	<1	<1	<1	<1	<1	<4	1.48	-	-	-	<100	218		
	02/16/2011	793.10	43.80	749.30	-	-	-	-	-	-	<4	1.46	-	-	-	<100	<150		
	04/25/2011	793.10	38.72	754.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/2011	793.10	38.74	754.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/25/2011	793.10	37.67	755.43	-	<1	<1	<1	<1	<1	<4	<1	-	-	-	<100	<150		
	08/23/2011	793.10	41.09	752.01	-	-	-	-	-	-	1.02	-	-	-	-	<100	461		
	11/28/2011	793.10	38.75	754.35	64.50	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/30/2011	793.10	38.63	754.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/01/2011	793.10	38.80	754.30	-	<1	<1	<1	<1	<1	<5	-	-	-	-	<100	<153		
	12/06/2011	793.10	38.70	754.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	793.10	38.56	754.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	793.10	38.64	754.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	793.10	38.45	754.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	793.10	38.41	754.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	793.10	37.78	755.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	793.10	37.18	755.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	793.10	37.26	755.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	793.10	37.42	755.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	793.10	37.75	755.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/17/2012	793.10	37.39	755.71	-	<1	<1	<1	<1	<1	1	-	-	-	-	<100	<151		
	01/24/2012	793.10	37.68	755.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	793.10	37.94	755.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	793.10	38.25	754.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	793.10	38.50	754.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	793.10	38.46	754.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	793.10	38.99	754.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/05/2012	793.10	39.24	753.86	64.13	-	<1	<1	<1	<1	-	-	-	-	-	<100	<152		
	03/08/2012	793.10	39.17	753.93	64.02	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/06/2012	793.10	39.97	753.13	-	-	-	-	-	-	-	-	-	-	-	<100	<152		
	05/07/2012	793.10	40.62	752.48	67.35	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/10/2012	793.10	40.48	752.62	64.02	<1	-	<1	<1	<1	-	-	-	-	-	<100	<153		
	06/05/2012	793.10	40.02	753.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	793.10	40.83	752.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	793.10	41.13	751.97	64.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/23/2012	793.10	NR	-	-	<1	-	<1	<1	<1	-	-	-	-	-	-	-	-	
	09/04/2012	793.10	41.51	751.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	793.10	41.85	751.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	793.10	40.25	752.85	64.10	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/06/2012	793.10	NR	-	-	<1	-	<1	<1	<1	-	-	-	-	-	-	-	-	
	12/12/2012	793.10	40.03	753.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	793.10	39.92	753.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	793.10	38.82	754.28	64.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/12/2013	793.10	NR	-	-	<1	-	<1	<1	<1	-	-	-	-	-	-	-	-	
	03/07/2013	793.10	38.60	754.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	793.10	38.83	754.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	793.10	39.32	753.78	64.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/16/2013	793.10	NR	-	-	<0.5	<0.5	<0.5	<0.5	1.04	1.00	<0.5	0.56	<0.5	<2.5	<0.5	<2.5	<100	<152
	06/03/2013	793.10	39.63	753.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	793.10	40.20	752.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	793.10	40.23	752.87	64.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/07/2013	793.10	NR	-	-	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<5	<100	242
	09/05/2013	793.10	40.40	752.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	793.10	41.26	751.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	793.10	41.25	751.85	60.04	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/21/2013	793.10	NR	-	-	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<5	9.44 J	165
	12/20/2013	793.10	41.14	751.96	64.04	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	793.10	38.37	754.73	64.04	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/25/2014	793.10	NR	-	-	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	11.4 J	66.2 J	
MW-8B	09/20/2006	792.69	64.39	728.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/02/2006	762.69	47.58	715.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/23/2007	762.69	38.90	723.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/03/2007	762.69	NR	-	-	0.8 J	<0.7	<0.8	<0.8	0.8	0.8	3 J	-	<0.8	-	<0.8	<10	190	
	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	
	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	
	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	
	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	380		
	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	
	11/20/2008	762.69	41.24	721.45	-	0.5 J	<0.7	<0.8	<0.8	<0.5	<0.5	<1	<0.8	-	<0.8	<10	<20	570	
	02/11/2009	762.69	40.52	722.17	-	<1	<1	<1	<1	<1	<4	<1	<1	<1	<1	<5	<25	28	

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 (ng/L)	Toluene (ng/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (ng/L)	MTBE (µg/L)	Naphthalene (µg/L)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
				5	1,000	700	10,000													
GW Clean-up Standards*																				
MW-8B (cont.)	05/18/2009	762.69	40.31	722.38	-	<1	<1	<1	<1	<1	<1	<1	<1	<4	<4	<1	-	<25	384	
	08/17/2009	762.69	40.41	722.28	-	<1	<1	<1	<1	<1	<1	<1	<1	<4	<4	<1	-	<25	234 J	
	11/23/2009	762.69	40.02	722.67	-	-	-	-	-	-	-	-	-	<4	<4	-	-	35.8	145 J	
	02/17/2010	762.69	39.30	723.39	-	-	-	-	-	-	-	-	-	<4	<4	-	-	34.7	146	
	05/18/2010	762.69	36.89	725.80	-	-	-	-	-	-	-	-	-	<8	<8	-	-	<100	<300	
	06/03/2010	762.69	40.10	722.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/17/2010	762.69	40.18	722.51	-	<1	<1	<1	<1	<1	<1	<1	<1	<4	<4	<1	-	<100	<150	
	11/22/2010	762.69	41.91	720.78	-	<1	<1	<1	<1	<1	<1	<1	<1	<4	<4	<1	-	<100	182	
	02/16/2011	762.69	41.78	720.91	-	<1	<1	<1	<1	<1	<1	<1	<1	<4	<4	<1	-	<100	160	
	04/25/2011	792.69	39.59	753.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/2011	792.69	39.44	753.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/25/2011	762.69	26.00	736.69	-	<1	<1	<1	<1	<1	<1	<1	<1	<4	<4	<1	-	<100	<150	
	08/23/2011	762.69	39.54	723.15	-	<1	<1	<1	<1	<1	<1	<1	<1	<4	<4	<1	-	<100	<150	
	11/28/2011	762.69	7.58	755.11	99.65	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	-	<100	158	
	12/01/2011	762.69	11.50	751.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/06/2011	762.69	16.06	746.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	762.69	16.85	745.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	762.69	0.70	761.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	762.69	2.35	760.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	762.69	7.10	755.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	762.69	13.05	749.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	762.69	1.10	761.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	762.69	7.55	755.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	762.69	12.64	750.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	762.69	16.40	746.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/18/2012	762.69	17.60	745.09	-	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	-	<100	<158	
	01/24/2012	762.69	22.02	740.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	762.69	24.42	738.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	762.69	27.12	735.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	762.69	85.11	677.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	762.69	75.88	686.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	762.69	70.20	692.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/05/2012	762.69	63.16	699.53	99.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/08/2012	762.69	60.78	701.91	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<100	<150	
	04/06/2012	762.69	49.51	713.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/09/2012	762.69	43.71	718.98	106.36	<2	<2	<2	<2	<2	<2	<2	<2	<10	<10	<1	-	<100	850	
	06/05/2012	762.69	41.76	720.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	762.69	40.50	722.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	762.69	40.83	721.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/23/2012	762.69	41.07	721.62	99.37	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	-	<100	<150	
	09/04/2012	762.69	42.40	720.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	762.69	41.93	720.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	762.69	41.62	721.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/09/2012	762.69	41.27	721.42	99.96	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<100	
	12/12/2012	762.69	41.35	721.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	762.69	39.98	722.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	762.69	38.81	723.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/2013	762.69	38.52	724.17	-	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	-	<100	<150	
	03/07/2013	762.69	39.67	723.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	762.69	38.62	724.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	762.69	35.97	726.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/14/2013	762.69	36.05	726.64	105.55	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<100	
	06/03/2013	762.69	38.63	724.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	762.69	35.13	727.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	762.69	36.24	726.45	104.97	<1	<1	<1	<1	<2	<2	<5	<1	<1	<1	<1	<1	<5	<100	
	08/07/2013	762.69	36.50	726.19	104.97	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<100 J		
	09/05/2013	762.69	39.33	723.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	762.69	39.45	723.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	762.69	37.43	725.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/19/2013	762.69	37.52	725.17	-	<1	<1	<1	<1	<2	<2	<5	<1	<1	<1	<1	<1	<5	<9.35	<27.1
	12/20/2013	762.69	23.42	739.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	762.69	37.08	725.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/25/2014	762.69	37.14	725.55	-	<1	<1	<1	<1	<2	<2	<5	<1	<1	<1	<1	<5	<9.35	59.5 J	
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		
	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		
	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		
	08/09/2007	798.18	39.93	758.25	-	<0.5	<0.7	<0.8	<0.8	<2.8	<0.5	-	<0.8							

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 (ng/L)	Toluene (ng/L)	Ethylbenzene (μg/L)	Total Xylenes (μg/L)	Total BTEX (ng/L)	MTBE (μg/L)	Naphthalene (μg/L)	Disopropyl ether (μg/L)	Tert-amyyl alcohol (μg/L)	Tert-amin methyl ether (μg/L)	Tert-Butyl Alcohol (μg/L)	TPH-GRO (μg/L)	TPH-DRO (μg/L)
GW Clean-up Standards*																		
MW-9A (cont.)	02/10/2009	798.18	39.00	759.18	-	<1	<1	<1	<1	<4	-	-	-	-	-	<25	<40	
	05/18/2009	798.18	37.75	760.43	-	<1	<1	<1	<1	<4	-	-	-	-	-	<25	<40	
	08/17/2009	798.18	38.24	759.94	-	<1	<1	<1	<1	<4	-	-	-	-	-	<25	296 J	
	11/23/2009	798.18	36.40	761.78	-	<1	<1	<1	<1	<4	-	-	-	-	-	38.4	186	
	02/17/2010	798.18	35.65	762.53	-	<1	<1	<1	<1	<4	-	-	-	-	-	34	119	
	05/19/2010	798.18	35.54	762.64	-	<1	<1	<1	<1	<4	-	-	-	-	-	<300	<300	
	06/03/2010	798.18	37.24	760.94	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	08/17/2010	798.18	40.10	758.08	-	<1	<1	<1	<1	<4	-	-	-	-	-	<100	<150	
	11/23/2010	798.18	41.37	756.81	-	<1	<1	<1	<1	<4	-	-	-	-	-	<100	205	
	02/15/2011	798.18	41.66	756.52	-	<1	<1	<1	<1	<4	-	-	-	-	-	<100	<150	
	04/25/2011	798.18	35.22	762.96	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	04/28/2011	798.18	34.51	763.67	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	05/25/2011	798.18	34.63	763.55	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	08/23/2011	798.18	38.86	759.32	-	<1	<1	<1	<1	<4	-	-	-	-	-	<100	<150	
	11/28/2011	798.18	36.18	762.00	63.00	<1	<1	<1	<1	<4	-	-	-	-	-	<100	<161	
	11/30/2011	798.18	35.75	762.43	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	12/01/2011	798.18	36.01	762.17	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	12/06/2011	798.18	35.98	762.20	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	12/07/2011	798.18	35.67	762.51	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	12/08/2011	798.18	35.60	762.58	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	12/09/2011	798.18	35.75	762.43	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	12/13/2011	798.18	35.73	762.45	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	12/19/2011	798.18	35.27	762.91	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	12/28/2011	798.18	34.88	763.30	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	01/03/2012	798.18	35.25	762.93	-	<1	<1	<1	<1	<4	-	-	-	-	-	<100	<150	
	01/09/2012	798.18	35.62	762.56	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	01/16/2012	798.18	36.14	762.04	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	01/17/2012	798.18	35.75	762.43	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	01/24/2012	798.18	36.03	762.15	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	01/31/2012	798.18	36.63	761.55	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	02/08/2012	798.18	36.62	761.56	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	02/15/2012	798.18	36.81	761.37	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	02/22/2012	798.18	36.99	761.19	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	02/27/2012	798.18	37.50	760.68	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	03/05/2012	798.18	37.48	760.70	63.10	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	03/06/2012	798.18	37.91	760.27	62.90	<1	<1	<1	<1	<4	-	-	-	-	-	<100	<166	
	04/06/2012	798.18	38.36	759.82	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	05/07/2012	798.18	39.45	758.73	67.46	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	05/09/2012	798.18	39.25	758.93	67.46	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	06/05/2012	798.18	39.31	758.87	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	07/25/2012	798.18	39.70	758.48	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	08/20/2012	798.18	40.28	757.90	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	08/24/2012	798.18	40.50	757.68	61.51	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	09/04/2012	798.18	40.70	757.48	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	10/25/2012	798.18	40.51	757.67	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	11/05/2012	798.18	38.56	759.62	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	11/08/2012	798.18	37.78	760.40	61.56	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	12/12/2012	798.18	37.62	760.56	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	01/22/2013	798.18	38.19	759.99	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	02/11/2013	798.18	37.37	760.81	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	02/12/2013	798.18	36.99	761.19	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	03/07/2013	798.18	36.73	761.45	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	04/18/2013	798.18	37.10	761.08	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	05/13/2013	798.18	37.40	760.78	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	05/15/2013	798.18	37.81	760.37	65.56	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	06/03/2013	798.18	38.15	760.03	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	07/26/2013	798.18	37.92	760.26	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	08/05/2013	798.18	38.78	759.40	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	08/06/2013	798.18	38.90	759.28	63	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	09/05/2013	798.18	38.65	759.53	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	10/08/2013	798.18	39.93	758.25	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	11/18/2013	798.18	39.68	758.50	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	12/20/2013	798.18	40.13	758.05	-	<0.5	<0.7	<0.8	<0.8	<0.8	-	-	-	-	-	-	-	
	02/24/2014	798.18	36.71	761.47	-	<1	<1	<1	<1	<4	-	-	-	-	-	-	-	
	02/26/2014	798.18	37.07	761.11	-	<1.00	<1.00	<1.00	<2.00	<5	<1.00	<1.00	<5.00	<1.00	<5.00	<9.35	<27.9	
MW-9B	09/20/2006	798.04	41.21	756.83	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/02/2006	798.04	41.58	756.46	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/23/2007	798.04	37.23	760.81	-	0.9 J	0.8 J	<0.8	<0.8	1.7	<0.5	-	-	-	-	-	-	
	04/26/2007	798.04	NR	-	-	0.5 J	<0.7	<0.8	<0.8	0.5	<0.5	-	-	-	-	-	-	
	04/30/2007	798.04	NR	-	-	<0.5	<0.7	<0.8	<0.8	<0.8	<0.5	-	-	-	-	-	-	
	08/09/2007	798.04	39.44	758.60	-	<0.5	<0.7	<0.8	<0.8	<0.8	<0.5	-	-	-	-	-	-	
	11/08/2007	798.04	42.42</td															

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

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

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

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

Well ID	Date	GW Clean-up Standards*			Groundwater Monitoring Data (µg/L)							Total Petroleum Hydrocarbons						
		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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	
MW-10A (cont.)	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
	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
	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
	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
	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
	05/19/2009	800.69	37.64	763.05	-	1.25	<1	<1	8.11	9	43.9	-	<1	-	<1	<5	350	<40
	08/18/2009	800.69	40.25	760.44	-	2.68	<1	<1	35.4	38	101	-	<1	-	<1	1,280	148 J	-
	11/24/2009	800.69	37.24	763.45	-	<1	<1	<1	<1	<4	2.14	-	<1	-	<1	<5	58.3	173
	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
	05/20/2010	800.69	37.61	763.08	-	<1	<1	<1	7.06	7	13.4	-	<1	-	<1	35.9	306	<300
	06/03/2010	800.69	38.10	762.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/18/2010	800.69	40.64	760.05	-	4.34	<2	<2	58.7	63	187	-	<1	<2	<2	432	1,550	444
	11/23/2010	800.69	41.77	758.92	-	2.92	<1	<1	53.5	56	113	-	<1	<1	<1	125	1,580	419
	02/15/2011	800.69	42.74	757.95	-	2.46	<1	<1	40.7	43	1,530	-	<1	<1	20.1	316	1,330	316
	04/25/2011	800.69	35.64	765.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2011	800.69	35.76	764.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/26/2011	800.69	36.08	764.61	-	1.45	<1	<1	25.9	27	99.6	-	<1	<1	<1	<5	938	260
	08/23/2011	800.69	40.52	760.17	-	2.06	<1	<1	33.3	35	151	-	<1	<1	<1	56	1,090	338
	11/28/2011	800.69	36.34	764.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/30/2011	800.69	35.96	764.73	-	<1	<1	<1	10	10	85.7	1.13	<1	<1	<1	56	381	<174
	12/01/2011	800.69	36.41	764.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/06/2011	800.69	36.88	763.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	800.69	36.62	764.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	800.69	35.92	764.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	800.69	35.25	765.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	800.69	35.70	764.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	800.69	34.25	766.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	800.69	33.78	766.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	800.69	33.81	766.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	800.69	34.36	766.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	800.69	34.67	766.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/19/2012	800.69	34.60	766.09	-	3.12	<1	<1	20	23	117	18.1 12C	1.5	<1	<1	374	1,120	418
	01/24/2012	800.69	35.00	765.69	-	-	-	-	-	-	-	-	<1	<1	-	-	-	-
	01/31/2012	800.69	35.57	765.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/2012	800.69	35.96	764.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	800.69	36.20	764.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	800.69	36.42	764.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	800.69	37.35	763.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	800.69	36.43	764.26	61.75	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/07/2012	800.69	36.92	763.77	61.38	2.63	<1	<1	14	17	114	12.9	<1	<1	3.84	147	786	438
	04/06/2012	800.69	38.20	762.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	800.69	38.95	761.74	61.40	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/09/2012	800.69	38.90	761.79	61.32	2.79	<1	<1	7	10	54.8 VH	10.8 VC	<1	<1	1.88 VH	116	540	386
	06/05/2012	800.69	38.18	762.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	800.69	39.09	761.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	800.69	39.45	761.24	61.40	1.46	<1	<1	3	4	82.2	4.3 VC	<1	<1	<1	70.8	302	290
	08/21/2012	800.69	39.45	761.24	61.40	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/04/2012	800.69	39.85	760.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	800.69	40.50	760.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	800.69	36.02	764.67	61.40	1.71	<1	<1	4	6	59.3	4.86	<1	<1	<1	175	542	363
	12/12/2012	800.69	37.65	763.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/22/2013	800.69	37.37	763.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	800.69	34.99	765.70	61.35	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/12/2013	800.69	NR	-	-	2.2	<1	<1	3	5	56.1 VH	3.39 VC	<1	<1	<1	232	481	168
	03/07/2013	800.69	35.92	764.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	800.69	36.93	763.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	800.69	37.43	763.26	61.45	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/14/2013	800.69	NR	-	-	0.78	<0.5	<0.5	<1	1.00	18	<0.5	<0.5	<2.5	<0.5	41.3	171	<152
	06/03/2013	800.69	38.12	762.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	800.69	38.45	762.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	800.69	38.62	762.07	38.62	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/06/2013	800.69	NR	-	-	<1	<1	<1	<2	<5	33.4	<1	<1	<1	<1	16.7	305	593
	09/05/2013	800.69	39.20	761.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	800.69	40.10	760.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	800.69	39.82	760.87	61.35	1.43	<1	<1	<2	1.43	59.5	<1	<1	<1	1.15	217	571	74.8 J
	12/20/2013	800.69	39.30	761.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/23/2014	800.69	35.68	765.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/10/2014	800.69	36.27	764.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	800.69	34.98	765.71	61.4	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/25/2014	800.69	NR	-	-	2.17	<1	<1	4.16	6.33	26.7	<1	<1	<5 2a	<1	214	501	479
	03/11/2014	800.69	35.03	765.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/21/2014	800.69	34.18	766.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/04/2014	800.69	34.08	766.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)		
						5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA	47	47	
MW-10A (cont.)	04/21/2014	800.69	33.23	767.46	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/06/2014	800.69	32.97	767.72	61.4	<1	<1	<1	<1	-	-	-	-	-	-	-	-		
	05/07/2014	800.69	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/22/2014	800.69	32.32	768.37	-	-	-	-	-	-	-	-	-	-	-	99.1 J	1,450		
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	
	08/09/2007	800.75	40.93	759.82	-	9	<0.7	<0.8	27	36	230	-	1 J	-	8	150	780	850	
	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	
	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	
	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	
	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	
	11/20/2008	800.75	41.44	759.31	-	<0.5	<0.7	<0.8	<0.8	<2.8	5	-	<0.8	-	<0.8	29 J	2,200		
	02/11/2009	800.75	40.15	760.60	-	<2	<2	<2	<2	<8	15.5	-	<2	-	<2	51.6	194		
	05/19/2009	800.75	37.90	762.85	-	<1	<1	<1	<1	<4	1.96	-	<1	-	<1	<25	<40		
	08/18/2009	800.75	40.49	760.26	-	<1	<1	<1	<1	<4	1.89	-	<1	-	<1	<25	<40		
	11/24/2009	800.75	37.40	763.35	-	<1	<1	<1	<1	<4	<1	-	<1	-	<1	44.8	254		
	02/18/2010	800.75	36.51	764.24	-	<1	<1	<1	<1	<4	1.31	-	<1	-	<1	41.8	252		
	05/20/2010	800.75	37.74	763.01	-	<1	<1	<1	<1	<4	3	-	<1	-	<1	<100	<300		
	06/03/2010	800.75	38.30	762.45	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/18/2010	800.75	40.84	759.91	-	<1	<1	<1	<1	<4	<1	-	<1	-	<1	<100	359		
	11/24/2010	800.75	41.97	758.78	-	<1	<1	<1	<1	<4	2.60	-	<1	-	<1	<100	343		
	02/15/2011	800.75	42.84	757.91	-	2.35	<1	<1	<1	2	461	-	<1	-	12.8	213	353	334	
	04/25/2011	800.75	35.69	765.06	-	-	-	-	-	-	-	-	-	-	-	-	-		
	04/28/2011	800.75	36.03	764.72	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/26/2011	800.75	36.27	764.48	-	1.27	<1	<1	<1	1	155	-	<1	-	6.28	146	231	276	
	08/23/2011	800.75	40.62	760.13	-	3.81	<1	<1	1.53	5	141	-	<1	-	3.66	179	270	408	
	11/28/2011	800.75	36.52	764.23	-	4.28	<1	<1	<2	4	319	<1	1.69	<5	8.06	322	115	<156	
	12/01/2011	800.75	36.75	764.00	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/06/2011	800.75	36.67	764.08	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/07/2011	800.75	37.16	763.59	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/08/2011	800.75	36.64	764.11	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/09/2011	800.75	35.97	764.78	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/13/2011	800.75	35.81	764.94	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/19/2011	800.75	35.15	765.60	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/28/2011	800.75	34.22	766.53	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/03/2012	800.75	34.80	765.95	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/09/2012	800.75	35.35	765.40	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/16/2012	800.75	35.65	765.10	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/18/2012	800.75	35.60	765.15	-	4.43	<1	<1	5	9	314	<1	<1	<5	7.79	332	453	<165	
	01/24/2012	800.75	35.99	764.76	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/31/2012	800.75	36.51	764.24	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/08/2012	800.75	36.88	763.87	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/15/2012	800.75	37.09	763.66	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/22/2012	800.75	37.35	763.40	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/27/2012	800.75	37.81	762.94	-	-	-	-	-	-	-	-	-	-	-	-	-		
	03/05/2012	800.75	37.30	763.45	99.97	4.97	<1	<1	6	11	476	<1	2.19	<5	10.2	507	394	<158	
	03/06/2012	800.75	37.65	763.10	99.97	4.97	<1	<1	6	11	476	<1	2.19	<5	10.2	507	394	<158	
	04/06/2012	800.75	38.72	762.03	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/07/2012	800.75	39.78	760.97	99.75	-	-	-	-	-	-	-	-	-	-	-	-		
	05/11/2012	800.75	39.53	761.22	99.75	4.84	<1	<1	<2	5	225 VH	<1	<1	<5	5.13	408	164	241	
	06/05/2012	800.75	39.19	761.56	-	-	-	-	-	-	-	-	-	-	-	-	-		
	07/25/2012	800.75	40.09	760.66	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/20/2012	800.75	40.60	760.15	100.64	<2	<2	<2	<4	<10	365	<2	<2	<2	39.7	12	596	195	<159
	09/04/2012	800.75	39.30	761.45	-	-	-	-	-	-	-	-	-	-	-	-	-		
	10/25/2012	800.75	40.86	759.89	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11/05/2012	800.75	36.62	764.13	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11/07/2012	800.75	36.50	764.25	-	<2	<2	<2	<4	<10	899 VH	<2	4.78 VH	89.9	21.8	1,310	238	205	
	12/12/2012	800.75	38.13	762.62	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/22/2013	800.75	38.25	762.50	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/11/2013	800.75	35.70	765.05	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/14/2013	800.75	35.37	765.38	-	<2	<2	<2	<4	<10	676 QK VH	<2	3.7	<10	15.3 VH	989 VC	244	<162	
	03/07/2013	800.75	36.70	764.05	-	-	-	-	-	-	-	-	-	-	-	-	-		
	04/18/2013	800.75	37.80	762.95	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/13/2013	800.75	38.20	762.55	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/16/2013	800.75	38.00	762.75	104.20	1.35	<1	<1	<2	1.00	441	<1	<1	<5	9.42	435	626	<156	
	06/03/2013	800.75	38.49	762.26	-	-	-	-	-	-	-	-	-	-	-	-	-		
	07/26/2013	800.75	39.11	761.64	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/05/2013	800.75	39.25	761.50	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/08/2013	800.75	39.00	761.75	-	<2	<2	<2	<4	<10	213	<2	<2	<2	4.78	300	345		

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)	GW Clean-up Standards*												
						Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	
						5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA	47	47
MW-10B (cont.)	12/20/2013	800.75	39.44	761.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/23/2014	800.75	36.03	764.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/10/2014	800.75	36.75	764.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	800.75	34.44	766.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/26/2014	800.75	35.00	765.75	-	<1.00	<1.00	<1.00	<2.00	-	-	-	-	-	-	-	-	-
	03/11/2014	800.75	33.98	766.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/21/2014	800.75	34.20	766.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/04/2014	800.75	34.70	766.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/21/2014	800.75	34.08	766.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/06/2014	800.75	33.45	767.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2014	800.75	33.25	767.50	-	<1	<1	<1	<2	-	-	-	-	-	-	-	-13	1,060
	05/22/2014	800.75	32.77	767.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
	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
	02/12/2009	795.52	46.93	748.59	-	<1	<1	<1	<1	<4	94.5	-	<1	-	<1	<1	53.7	155
	05/19/2009	795.52	46.34	749.18	-	<1	<1	<1	<1	<4	16.8	-	-	-	-	-	<25	<40
	08/18/2009	795.52	47.39	748.13	-	<1	<1	<1	<1	<4	39.0	-	-	-	-	-	<25	<40
	11/24/2009	795.52	45.24	750.28	-	<1	<1	<1	<1	<4	8.93	-	-	-	-	-	50.3	100 J
	02/18/2010	795.52	43.19	752.33	-	<1	<1	<1	<1	<4	27.2	-	-	-	-	-	34.9	60.6
	05/20/2010	795.52	44.31	751.21	-	<1	<1	<1	<1	<4	32.3	-	-	-	-	-	<100	<300
	06/03/2010	795.52	45.00	750.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/18/2010	795.52	47.64	747.88	-	<1	<1	<1	<1	<4	5.44	-	-	-	-	-	<100	<150
	11/23/2010	795.52	49.17	746.35	-	<1	<1	<1	<1	<4	5.89	-	-	-	-	-	<100	<150
	02/16/2011	795.52	49.59	745.93	-	<1	<1	<1	<1	<4	4.45	-	-	-	-	-	<100	<150
	04/25/2011	795.52	43.55	751.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2011	795.52	43.44	752.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/27/2011	795.52	43.20	752.32	-	<1	<1	<1	<1	<4	8.49	-	-	-	-	-	<100	<150
	08/24/2011	795.52	46.98	748.54	-	<1	<1	<1	<1	<4	3.95	-	-	-	-	-	<100	<150
	11/28/2011	795.52	44.19	751.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2011	795.52	44.10	751.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	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	<10.0	<2.00	<10.0	<100	<168
	12/06/2011	795.52	43.89	751.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	795.52	43.73	751.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	795.52	44.00	751.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	795.52	44.28	751.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	795.52	43.68	751.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	795.52	43.70	751.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	795.52	43.17	752.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	795.52	43.80	751.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	795.52	44.28	751.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	795.52	44.71	750.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/19/2012	795.52	44.51	751.01	-	<1	<1	<1	<2	<5	1.21	<1	<1	<1	<1	<1	<100	<153
	01/24/2012	795.52	44.63	750.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2012	795.52	44.91	750.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/2012	795.52	45.85	749.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	795.52	45.34	750.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	795.52	45.31	750.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	795.52	45.35	750.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	795.52	45.81	749.71	54.00	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/07/2012	795.52	46.10	749.42	59.20	<1	<1	<1	<2	<5	1.2	<1	<1	<1	<1	<1	<100	<154
	04/06/2012	795.52	46.36	749.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	795.52	47.35	748.17	55.77	<2	<2	<2	<4	<10	2.60	<1.00	<1.00	<1.00	<1.00	<1.00	<100	183
	06/05/2012	795.52	47.29	748.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	795.52	48.00	747.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	795.52	48.33	747.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/21/2012	795.52	48.36	747.16	59.30	<1	<1	<1	<2	<5	1.6	<1	<1	<1	<1	<1	<100	<165
	09/04/2012	795.52	48.42	747.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	795.52	48.62	746.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	795.52	46.76	748.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/06/2012	795.52	46.63	748.89	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<100	<152
	12/12/2012	795.52	45.70	749.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/22/2013	795.52	45.99	749.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	795.52	44.48	751.04	59.21	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<100	<150
	03/07/2013	795.52	44.20	751.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	795.52	44.55	750.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/14/2013	795.52	45.18	750.34	-	<1.00	<1.00	<1.00	<2.00	<5.00	2.60	<1.00	<1.00	<1.00	<1.00	<1.00	<100	<165
	06/03/2013	795.52	45.48	750.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	795.52	46.70	748.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	795.52	46.84	748.68	59.27	<2	<2	<2	<4	<10	3.22	<2	<2	<2	<2	<2	<100	138 J
	09/05/2013	795.52	47.05	748.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	795.52	4															

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-amyln alcohol (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
GW Clean-up Standards*				5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA	47	47		
MW-11A (cont.)	11/19/2013	795.52	47.5	748.02	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<9.35	<27.1	
	12/20/2013	795.52	47.41	748.11	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	795.52	43.85	751.67	59.25	<1	<1	<1	<2	<5	-	-	-	-	<5	<9.35	<27.9	
	05/06/2014	795.52	40.63	754.89	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/08/2014	795.52	40.91	754.61	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<13	<24.6	
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	<20	420	
	11/21/2008	795.22	46.23	748.99	-	<0.5	<0.7	<0.8	<0.8	<2.8	10	-	<0.8	-	<0.8	<20	490	
	02/12/2009	795.22	44.30	750.92	-	<1	<1	<1	<1	<4	7.93	-	<1	-	<5	<25	212	
	05/19/2009	795.22	43.50	751.72	-	<1	<1	<1	<1	<4	8.5	-	<1	-	<5	<25	<40	
	08/18/2009	795.22	44.72	750.50	-	<1	<1	<1	<1	<4	9.68	-	<1	-	<5	<25	<40	
	11/24/2009	795.22	42.30	752.92	-	<1	<1	<1	<1	<4	7.26	-	<1	-	<1	8.29	45.3	
	02/18/2010	795.22	40.43	754.79	-	<1	<1	<1	<1	<4	7.86	-	<1	-	<1	8.71	38.6	
	05/20/2010	795.22	41.65	753.57	-	<1	<1	<1	<1	<4	6.35	-	<1	-	<5	<100	<300	
	06/03/2010	795.22	42.18	753.04	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/18/2010	795.22	45.05	750.17	-	<1	<1	<1	<1	<4	5.02	-	-	-	<5	<100	296	
	11/23/2010	795.22	46.81	748.41	-	<1	<1	<1	<1	<4	5.30	-	<1	-	<1	<100	183	
	02/16/2011	795.22	51.70	743.52	-	<1	<1	<1	<1	<4	621	-	3.94	-	8.40	320	<150	
	04/25/2011	795.22	40.66	754.56	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/2011	795.22	41.04	754.18	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/27/2011	795.22	40.23	754.99	-	<1	<1	<1	<1	<4	318	-	<1	-	4.87	411	<150	
	08/24/2011	795.22	43.60	751.62	-	<1	<1	<1	<1	<4	330	-	1.97	-	3.37	323	<150	
	11/28/2011	795.22	40.71	754.51	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/01/2011	795.22	40.75	754.47	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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	<2.00	<10.0	<100	<174
	12/06/2011	795.22	40.75	754.47	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	795.22	40.90	754.32	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	795.22	40.98	754.24	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	795.22	41.49	753.73	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	795.22	40.46	754.76	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	795.22	41.98	753.24	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	795.22	40.00	755.22	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	795.22	41.02	754.20	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	795.22	41.49	753.73	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	795.22	41.87	753.35	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/19/2012	795.22	41.66	753.56	-	<1	<1	<1	<2	<5	45.3	<1	<1	<5	<1	<100	<153	
	01/24/2012	795.22	41.85	753.37	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	795.22	41.97	753.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	795.22	42.33	752.89	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	795.22	42.38	752.84	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	795.22	42.48	752.74	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	795.22	42.05	753.17	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/05/2012	795.22	42.85	752.37	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/07/2012	795.22	43.21	752.01	105.63	<1	<1	<1	<2	<5	45.1	<1	<1	<5	<1	<100	<162	
	04/06/2012	795.22	43.22	752.00	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2012	795.22	44.31	750.91	100.05	<2	<2	<2	<4	<10	19 VH	<2	<2	<10	<2	<10	166	
	06/05/2012	795.22	44.06	751.16	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	795.22	44.97	750.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	795.22	45.34	749.88	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/21/2012	795.22	45.31	749.91	99.72	<1	<1	<1	<2	<5	13.6	<1	<1	<5	<1	<100	<152	
	09/04/2012	795.22	45.47	749.75	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	795.22	45.40	749.82	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	795.22	43.25	751.97	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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	<5.00	<1.00	<5.00	<100	<153
	12/12/2012	795.22	42.41	752.81	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	795.22	42.90	752.32	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	795.22	40.80	754.42	-	<1	<1	<1	<2	<5	13.2	<1	<1	<5	<1	<100	<156	
	03/07/2013	795.22	40.86	754.36	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	795.22	41.46	753.76	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	795.22	41.79	753.43	100.20	<1.00	<1.00	<1.00	<2.00	<5.00	10.1	<1.00	<1.00	<5.00	<1.00	<5.00	<100	<153
	06/03/2013	795.22	42.32	752.90	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	795.22	43.35	751.87	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	795.22	43.50	751.72	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/06/2013	795.22	43.59	751.63	100.20	<2	<2	<2	<4	<10	12.5	<2	<2	<10	<2	<10	15.3 J	183
	09/05/2013	795.22	43.75	751.47	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	795.22	44.37	750.85	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	795.22	44.71	750.51	-	<1	<1	<1	<2	<5	3.82	<1	<1	<5	<1	<10.2 J	<27.1	
	11/19/2013	795.22	44.47	750.75	-	<1	<1	<1	<2	<5	-	-	-	-	-	-	-	
	12/20/2013	795.22	44.27	750.95	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	795.22	40.94	754.28	-	<1	<1	<1	<2	<5	7.09	<1	<1	<5	<1	<16.2 J	<28.5	
	05/06/2014	795.22	37.32	757.90	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/08/2014	795.22	37.70	757.52	-	<1	<1	<1	<2	<5	6.35	<1	<1	<5	<1	<15	<25.3	

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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
				5	1,000	700	10,000												
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	-	16 J	<20	1,100
	11/20/2008	800.28	46.12	754.16	-	<0.5	<0.7	>0.8	>0.8	<2.8	<0.5	-	-	-	>0.8	-	20 J	<20	3,300
	02/10/2009	800.28	44.47	755.81	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	15.6	<25	380
	05/19/2009	800.28	44.12	756.16	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	<1	<25	208 J
	08/18/2009	800.28	44.88	755.40	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	<1	<25	<40
	11/24/2009	800.28	41.79	758.49	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	17.1	43.5	186 J
	02/18/2010	800.28	39.10	761.18	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	18.5	38.8	377
	05/20/2010	800.28	39.42	760.86	-	<1	<1	-	-	-	-	<4	-	-	-	-	<5	<100	401
	06/03/2010	800.28	41.88	758.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/18/2010	800.28	43.39	756.89	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	-	-	779
	11/23/2010	800.28	45.42	754.86	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	-	<100	608
	02/15/2011	800.28	46.25	754.03	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	-	<100	163
	04/25/2011	800.28	40.30	759.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2011	800.28	39.83	760.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/26/2011	800.28	36.56	763.72	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	-	<100	201
	08/22/2011	800.28	40.33	759.95	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	-	<100	215
	11/28/2011	800.28	38.30	761.98	100.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/30/2011	800.28	37.98	762.30	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	-	<100	<181
	12/01/2011	800.28	37.54	762.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/06/2011	800.28	39.75	760.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	800.28	39.51	760.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	800.28	38.22	762.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	800.28	38.24	762.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	800.28	38.31	761.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	800.28	37.91	762.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	800.28	38.15	762.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	800.28	38.30	761.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	800.28	38.40	761.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/17/2012	800.28	38.35	761.93	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	-	<100	<162
	01/24/2012	800.28	39.51	760.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2012	800.28	39.43	760.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	800.28	39.85	760.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	800.28	40.08	760.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	800.28	40.08	760.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	800.28	40.07	760.21	100.07	-	<1	<1	<1	<1	<1	<4	<1	-	-	-	-	<100	239
	03/06/2012	800.28	40.14	760.14	100.07	-	-	-	-	-	-	-	-	-	-	-	-	<100	-
	04/06/2012	800.28	42.01	758.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	800.28	42.30	757.98	100.70	-	-	-	-	-	-	<5	-	-	-	-	-	-	-
	05/11/2012	800.28	42.04	758.24	100.70	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	11.1	<100	431
	06/05/2012	800.28	41.75	758.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	800.28	42.09	758.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	800.28	42.75	757.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/23/2012	800.28	42.76	757.52	100.70	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	12	<100	564 QB
	09/04/2012	800.28	43.86	756.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	800.28	43.42	756.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	800.28	41.74	758.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/09/2012	800.28	41.76	758.52	100.67	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<5.00	<1.00	<5.00	<1.00	<100	477
	12/12/2012	800.28	42.52	757.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/22/2013	800.28	41.95	758.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	800.28	40.65	759.63	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	<1	<100	<150
	03/07/2013	800.28	41.57	758.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	800.28	40.03	760.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	800.28	39.55	760.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/15/2013	800.28	39.64	760.64	106.50	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	<1	<100	<150
	06/03/2013	800.28	41.27	759.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	800.28	39.57	760.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	800.28	39.68	760.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/07/2013	800.28	39.84	760.44	106.72	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	<1	<100	559
	09/05/2013	800.28	43.34	756.28	756.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	800.28	42.38	757.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	800.28	41.92	758.36	-	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<5	9.42 J	509
	12/20/2013	800.28	43.70	756.58	-	<1	<1	<1	<1	<2	<5	<1	<1	-	-	-	-	-	-
	02/24/2014	800.28	39.42	760.86	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	-	<9.35	347	
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
	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
	02/11/2009	801.74	49.08	752.66	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	<1	<5	<25	40
	05/18/2009	801.74	44.79	756.95	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	<1	<5	<25	40
	08/18/2009	801.74	44.12	757.62	-	<1	<1	<1	<1	<1	<1	<4	<1	-	-	<1	<5	<25	210 J
	11/23/2009	801.74	42.18	759.56															

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 BTX (μg/L)	MTBE (μg/L)	Naphthalene (μg/L)	Disopropyl ether (μg/L)	Tert-amyyl alcohol (μg/L)	Tert-aminethyl ether (μg/L)	Tert-Butyl Alcohol (μg/L)	TPH-GRO (μg/L)	TPH-DRO (μg/L)
								5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA	NA	NA	NA	NA	47	47
				GW Clean-up Standards*																				
MW-13A (cont.)	08/17/2010	801.74	41.36	760.38	-	<1	<1	<1	<1	<1	<1	<4	<4	<4	<4	<4	<1	-	-	-	<100	<150		
	11/22/2010	801.74	44.96	756.78	-	<1	<1	<1	<1	<1	<1	<4	<4	<4	<4	<4	<1	-	-	-	<100	<150		
	02/15/2011	801.74	45.94	755.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	<150			
	04/25/2011	801.74	39.40	762.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/2011	801.74	38.61	763.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/26/2011	801.74	36.90	764.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	<150	
	08/23/2011	801.74	40.37	761.37	-	<1	<1	<1	<1	<1	<1	<4	<4	<4	<4	<4	<1	-	-	-	-	-	-	-
	11/28/2011	801.74	37.72	764.02	60.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/30/2011	801.74	37.68	764.06	-	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	-	-	
	12/01/2011	801.74	37.83	763.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	<168	
	12/06/2011	801.74	37.36	764.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	801.74	37.17	764.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	801.74	37.47	764.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	801.74	37.35	764.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	801.74	37.11	764.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	801.74	36.55	765.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	801.74	35.96	765.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	801.74	35.95	765.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	801.74	36.20	765.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	801.74	36.44	765.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/17/2012	801.74	36.20	765.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/24/2012	801.74	36.34	765.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	801.74	36.56	765.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	801.74	36.81	764.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	801.74	36.95	764.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	801.74	36.68	765.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	801.74	37.09	764.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/05/2012	801.74	37.34	764.40	60.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/06/2012	801.74	37.65	764.09	60.19	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	-	-	
	04/06/2012	801.74	38.43	763.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2012	801.74	39.90	761.84	64.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/09/2012	801.74	39.30	762.44	64.05	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	<100	<165	
	06/05/2012	801.74	40.41	761.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	801.74	42.21	759.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	801.74	43.03	758.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/23/2012	801.74	43.39	758.35	60.89	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	-	-	
	09/04/2012	801.74	43.40	758.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	801.74	44.61	757.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	801.74	42.65	759.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/08/2012	801.74	42.35	759.39	60.85	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	-	-	
	12/12/2012	801.74	41.70	760.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	801.74	41.92	759.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	801.74	40.05	761.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/12/2013	801.74	40.11	761.63	-	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	-	-	
	03/07/2013	801.74	38.68	763.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	801.74	37.75	763.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	801.74	37.89	763.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/14/2013	801.74	38.04	763.70	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<100	<152	
	06/03/2013	801.74	38.14	763.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	801.74	37.63	764.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	801.74	37.91	763.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/06/2013	801.74	38.00	763.74	60.98	<1	<1	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<100	38.8 J
	09/05/2013	801.74	38.50	763.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	801.74	39.52	762.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	801.74	40.77	760.97	-	<1	<1	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<9.35	59.2 J
	12/20/2013	801.74	40.96	760.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	801.74	36.53	765.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/25/2014	801.74	36.48	765.26	-	<1	<1	<1	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<9.35	39.9 J
MW-13B	08/14/2008	801.78	42.36	759.42	-	<0.5	<0.7	<0.8	<0.8	<0.8	<0.8	<2.8	<0.5	-	<0.8	-	-	<0.8	20 J	<20	590	-		
	11/20/2008	801.78	45.50	756.28	-	<0.5	<0.7	<0.8	<0.8	<0.8	<0.8	<2.8	<0.5	-	<0.8	-	-	<0.8	20 J	<20	1,500	-		
	02/12/2009	801.78	44.35	757.43	-	<1	<1	<1	<1	<1	<1	<4	<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)	Disopropyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
GW Clean-up Standards*																		
MW-13B (cont.)	05/26/2011	801.78	37.70	764.08	-	<1	<1	<1	<1	<4	<1	-	-	-	<100	<150		
	08/23/2011	801.78	40.87	760.91	-	<1	<1	<1	<1	<4	<1	-	-	-	<100	158		
	11/28/2011	801.78	38.95	762.83	100.3	-	-	-	-	-	-	-	-	-	-	-	-	
	11/30/2011	801.78	38.64	763.14	-	<1	-	-	-	<5	-	-	-	-	-	-	-	
	12/01/2011	801.78	40.18	761.60	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/06/2011	801.78	39.62	762.16	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	801.78	39.50	762.28	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	801.78	39.36	762.42	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	801.78	39.25	762.53	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	801.78	38.95	762.83	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	801.78	38.48	763.30	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	801.78	37.82	763.96	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	801.78	37.55	764.23	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	801.78	37.32	764.46	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	801.78	37.33	764.45	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/17/2012	801.78	37.35	764.43	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/24/2012	801.78	38.17	763.61	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	801.78	37.97	763.81	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	801.78	37.95	763.83	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	801.78	37.95	763.83	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	801.78	38.08	763.70	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	801.78	38.13	763.65	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/05/2012	801.78	38.32	763.46	100.54	-	-	-	-	-	-	-	-	-	-	-	-	
	03/06/2012	801.78	38.38	763.40	100.54	<1	<1	<1	<1	<5	-	-	-	-	-	<100	<156	
	04/06/2012	801.78	39.47	762.31	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2012	801.78	40.59	761.19	100.34	-	-	-	-	-	-	-	-	-	-	-	-	
	05/09/2012	801.78	40.56	761.22	100.34	<1	<1	<1	<1	<5	-	-	-	-	-	<100	<300	
	06/05/2012	801.78	41.25	760.53	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	801.78	42.20	759.58	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	801.78	43.70	758.08	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/23/2012	801.78	43.79	757.99	100.07	<1	<1	<1	<1	<5	-	-	-	-	-	<100	<150	
	09/04/2012	801.78	45.35	756.43	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	801.78	45.05	756.73	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	801.78	43.99	757.79	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/08/2012	801.78	43.75	758.03	100.10	<1	<1	<1	<1	<5	-	-	-	-	-	<100	<152	
	12/12/2012	801.78	42.32	759.46	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	801.78	42.35	759.43	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	801.78	41.80	759.98	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/12/2013	801.78	41.79	759.99	-	<1	<1	<1	<1	<5	-	-	-	-	-	<100	<159	
	03/07/2013	801.78	40.23	761.55	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	801.78	38.81	762.97	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	801.78	39.00	762.78	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/14/2013	801.78	39.00	762.78	88.66	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<100	<156	
	06/03/2013	801.78	40.20	761.58	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	801.78	39.98	761.80	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	801.78	39.13	762.65	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/06/2013	801.78	39.21	762.57	87.98	<1	<1	<1	<1	<5	-	-	-	-	-	<100	153	
	09/05/2013	801.78	40.39	761.39	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	801.78	40.57	761.21	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	801.78	41.23	760.55	-	<1	<1	<1	<1	<5	-	<1	<1	<1	9.01	<9.35	147 J	
	12/20/2013	801.78	42.08	759.70	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	801.78	38.46	763.32	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/25/2014	801.78	38.48	763.30	-	<1	<1	<1	<1	<5	<1	<1	<1	5.44	<9.35	103 J		
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	
	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	
	02/12/2009	797.53	44.51	753.02	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<1	<25	<40	
	05/19/2009	797.53	42.91	754.62	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<1	<25	<40	
	08/18/2009	797.53	44.00	753.53	-	<1	<1	<1	<1	<4	1.58	-	<1	<1	<1	<25	<40	
	11/24/2009	797.53	42.25	755.28	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<1	35.8	108 J	
	02/18/2010	797.53	39.76	757.77	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<1	34.1	78.1	
	05/20/2010	797.53	40.78	756.75	-	<2	<2	<2	<2	<8	<2	-	<2	<2	<10	<600		
	06/03/2010	797.53	41.64	755.89	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2010	797.53	44.38	753.15	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<1	<100	<150	
	11/22/2010	797.53	45.70	751.83	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<1	<100	<150	
	02/17/2011	797.53	46.44	751.09	-	<1	<1	<1	<1	<4	3.56	-	-	-	-	<100	<150	
	04/25/2011	797.53	41.06	756.47	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/2011	797.53	47.19	750.34	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/25/2011	797.53	39.85	757.68	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<1	<100	<150	
	08/23/2011	797.53	43.83	753.70	-	<1	<1	<1	<1	<4	<1	-	<1	<1	<1	<100	<150	
	11/28/2011	797.53	40.58	756.95	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/30/2011	797.53	40.45	757.08	-	<1	<1	<1	<1	<5	<1	-	<1	<1	<1	<100	<156	
	12/01/2011	797.53	40.79	756.74	-	-	-	-	-	-	-	-	-	-	-	-	-	

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)	GW Clean-up Standards*											
						5	1,000	700	10,000	NA	20	0.65	NA	NA	NA		
MW-14A (cont.)	12/06/2011	797.53	41.05	756.48	-	-	-	-	-	-	-	-	-	-	-		
	12/07/2011	797.53	40.81	756.72	-	-	-	-	-	-	-	-	-	-	-		
	12/08/2011	797.53	39.46	758.07	-	-	-	-	-	-	-	-	-	-	-		
	12/09/2011	797.53	39.13	758.40	-	-	-	-	-	-	-	-	-	-	-		
	12/13/2011	797.53	40.21	757.32	-	-	-	-	-	-	-	-	-	-	-		
	12/19/2011	797.53	38.45	759.08	-	-	-	-	-	-	-	-	-	-	-		
	12/28/2011	797.53	37.50	760.03	-	-	-	-	-	-	-	-	-	-	-		
	01/03/2012	797.53	37.30	760.23	-	-	-	-	-	-	-	-	-	-	-		
	01/09/2012	797.53	37.87	759.66	-	-	-	-	-	-	-	-	-	-	-		
	01/16/2012	797.53	38.30	759.23	-	-	-	-	-	-	-	-	-	-	-		
	01/17/2012	797.53	37.82	759.71	-	-	<1	-	-	-	-	-	-	-	-		
	01/24/2012	797.53	38.14	759.39	-	-	-	-	-	-	-	-	-	-	-		
	01/31/2012	797.53	38.53	759.00	-	-	-	-	-	-	-	-	-	-	-		
	02/08/2012	797.53	39.07	758.46	-	-	-	-	-	-	-	-	-	-	-		
	02/15/2012	797.53	39.38	758.15	-	-	-	-	-	-	-	-	-	-	-		
	02/22/2012	797.53	39.39	758.14	-	-	-	-	-	-	-	-	-	-	-		
	02/27/2012	797.53	40.91	756.62	-	-	-	-	-	-	-	-	-	-	-		
	03/05/2012	797.53	40.28	757.25	64.52	-	-	-	-	-	-	-	-	-	-		
	03/07/2012	797.53	40.65	756.88	60.15	<2	-	<2	-	-	-	-	-	-	-		
	04/06/2012	797.53	41.84	755.69	-	-	-	-	-	-	-	-	-	-	-		
	05/07/2012	797.53	62.35	735.18	66.86	-	-	-	-	-	-	-	-	-	-		
	05/09/2012	797.53	42.16	755.37	60.13	<1	-	<1	-	-	-	-	-	-	-		
	06/05/2012	797.53	41.03	756.50	-	-	-	-	-	-	-	-	-	-	-		
	07/25/2012	797.53	42.53	755.00	-	-	-	-	-	-	-	-	-	-	-		
	08/20/2012	797.53	43.20	754.33	60.12	<1	-	<1	-	-	-	-	-	-	-		
	08/21/2012	797.53	43.20	754.33	60.12	-	-	-	-	-	-	-	-	-	-		
	09/04/2012	797.53	44.03	753.50	-	-	-	-	-	-	-	-	-	-	-		
	10/25/2012	797.53	44.48	753.05	-	-	-	-	-	-	-	-	-	-	-		
	11/05/2012	797.53	41.37	756.16	60.15	-	-	<1	-	-	-	-	-	-	-		
	11/06/2012	797.53	NR	-	-	<1	-	<1	-	-	-	-	-	-	-		
	12/12/2012	797.53	41.97	755.56	-	-	-	-	-	-	-	-	-	-	-		
	01/22/2013	797.53	41.26	756.27	-	-	-	-	-	-	-	-	-	-	-		
	02/11/2013	797.53	39.50	758.03	60.18	-	-	-	-	-	-	-	-	-	-		
	02/12/2013	797.53	NR	-	-	<1	-	<1	-	-	-	-	-	-	-		
	03/07/2013	797.53	39.63	757.90	-	-	-	-	-	-	-	-	-	-	-		
	04/18/2013	797.53	40.42	757.11	-	-	-	-	-	-	-	-	-	-	-		
	05/13/2013	797.53	40.60	756.93	60.16	-	-	<0.5	<0.5	-	-	-	-	-	-		
	05/15/2013	797.53	NR	-	-	<0.5	<0.5	<0.5	-	-	-	-	-	-	-		
	06/03/2013	797.53	41.37	756.16	-	-	-	-	-	-	-	-	-	-	-		
	07/26/2013	797.53	42.15	755.38	-	-	-	-	-	-	-	-	-	-	-		
	08/05/2013	797.53	42.09	755.44	60.20	-	-	-	-	-	-	-	-	-	-		
	08/07/2013	797.53	NR	-	-	<1	-	<1	-	-	-	-	-	-	-		
	09/05/2013	797.53	42.50	755.03	-	-	-	-	-	-	-	-	-	-	-		
	10/08/2013	797.53	43.56	753.97	-	-	-	-	-	-	-	-	-	-	-		
	11/18/2013	797.53	43.56	753.97	60.16	-	-	-	-	-	-	-	-	-	-		
	11/21/2013	797.53	NR	-	-	<1	-	<1	-	-	-	-	-	-	-		
	12/20/2013	797.53	42.93	754.60	-	-	-	-	-	-	-	-	-	-	-		
	02/24/2014	797.53	38.73	758.80	60.14	-	-	-	-	-	-	-	-	-	-		
	02/25/2014	797.53	NR	-	-	<1	-	<1	-	-	-	-	-	-	-		
	05/06/2014	797.53	36.54	760.99	60.14	-	-	<1	-	-	-	-	-	-	-		
	05/08/2014	797.53	NR	-	-	<1	-	<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
	11/21/2008	797.33	42.96	754.37	-	24	<0.7	<0.8	20	44	400	-	8	21	810	610	2,100
	02/12/2009	797.33	42.40	754.93	-	30.9	<1	<1	24.8	56	497	-	9.11	21	908	<25	264
	05/19/2009	797.33	40.17	757.16	-	15.7	1.16	<1	<1	17	196	-	5.60	6.30	198	235	<40
	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
	11/24/2009	797.33	40.88	756.45	-	3.49	<1	<1	3.78	7	246	-	3.08	9.82	351	254	136
	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
	05/20/2010	797.33	38.80	758.53	-	4.31	<1	<1	3.18	7	448	-	2.75	9.02	389	245	533
	06/03/2010	797.33	44.25	753.08	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2010	797.33	42.30	755.03	-	4.36	<1	<1	<1	4	219	-	2.81	7.96	265	191	862
	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
	02/17/2011	797.33	44.18	753.15	-	88.8	<2	<2	<2	89	808	-	14.4	36.0	1,130	666	421
	04/25/2011	797.33	40.95	756.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2011	797.33	40.79	756.54	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/25/2011	797.33	38.52	758.81	-	71.3	<2	<2	<2	71	945	-	16.5	45.1	1,030	974	417
	08/23/2011	797.33	41.87	755.46	-	39.6	<1	<1	<1	40	363	-	9.54	22.5	349	700	699
	11/28/2011	797.33	39.82	757.51	-	48.8	<1	<1	<1	49	661	<1	11.4	31.3	1,220	265	<300
	12/01/2011	797.33	41.19	756.14	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/06/2011	797.33	40.96	756.37	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	797.33	40.90	756.43	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	797.33	39.81	757.52	-	-	-	-	-	-	-	-	-	-	-	-	-

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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
GW Clean-up Standards*																	
MW-14B (cont.)	12/09/2011	797.33	39.75	757.58	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	797.33	39.51	757.82	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	797.33	39.30	758.03	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	797.33	38.43	758.90	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	797.33	38.15	759.18	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	797.33	37.86	759.47	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	797.33	36.69	760.64	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/18/2012	797.33	37.59	759.74	-	85.4	<2	<2	2	87	985	<2	16.5	<10	42.3	1,750	780
	01/24/2012	797.33	38.20	759.13	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2012	797.33	37.95	759.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/2012	797.33	38.05	759.28	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	797.33	35.39	761.94	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	797.33	36.34	760.99	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	797.33	36.90	760.43	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	797.33	36.31	761.02	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/08/2012	797.33	37.08	760.25	-	43.4	<2	<2	<4	43	668	<2	<2	<10	32.7	1,360	578
	04/06/2012	797.33	39.14	758.19	-	-	-	-	-	-	-	-	-	-	-	-	424 QL
	05/07/2012	797.33	40.27	757.06	100.35	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2012	797.33	40.05	757.28	100.35	29.8	<1	<1	<1	30	310 VH	<1	5.18 VH	<5	13.3 VH	442	246
	06/05/2012	797.33	40.02	757.31	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	797.33	41.02	756.31	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	797.33	41.28	756.05	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/23/2012	797.33	41.25	756.08	99.98	15.7	<1	<1	<2	16	1,020	<1	6.18	<5	20.5	1,340	149
	09/04/2012	797.33	42.52	754.81	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	797.33	42.25	755.08	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	797.33	39.92	757.41	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/07/2012	797.33	39.99	757.34	-	16.2	<1	<1	<2	16	1,050 QB	<1	8.76	<5	20.1	346 QB VH	230
	12/12/2012	797.33	48.12	749.21	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/22/2013	797.33	41.57	755.76	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	797.33	40.01	757.32	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/14/2013	797.33	39.32	758.01	-	35.9	<2	<2	4	40	505 QK VH	<2	7.24	<10	17.3 VH	1,040 VC	131
	03/07/2013	797.33	37.42	759.91	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	797.33	38.21	759.12	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	797.33	38.85	758.48	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/16/2013	797.33	38.91	758.42	104.65	22.5	<1	<1	2	25.00	319	1.97	3.73	<5	10.1	485	451
	06/03/2013	797.33	39.81	757.52	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	797.33	40.39	756.94	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	797.33	40.37	756.96	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/07/2013	797.33	40.43	756.90	100.25	34.5	<2	<2	<4	34.50	479	<2	5.40	<10	13.3	723	428
	09/05/2013	797.33	41.47	755.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	797.33	41.71	755.62	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	797.33	41.73	755.60	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/20/2013	797.33	41.80	755.53	-	21.5	<1	<1	<2	21.50	200	<1	3.3	<5	7.48	461	318
	12/20/2013	797.33	41.45	755.88	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	797.33	39.14	758.19	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/26/2014	797.33	39.11	758.22	-	20.4	<1.00	<1.00	<2.00	20.4	175	<1.00	3.21	13.2	6.64	255	461
	05/06/2014	797.33	36.86	760.47	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/08/2014	797.33	36.85	760.48	-	15.9	<1	<1	<2	15.9	156	<1	2.61	<5	<1	330	381
MW-15	06/04/2010	793.55	45.73	747.82	-	<2	<2	<2	<2	<8	662	-	6.84	-	20.8	313	414
	08/17/2010	793.55	48.48	745.07	-	7.36	<2	<2	<2	7	1,550	-	21.6	-	63.2	455	549
	11/24/2010	793.55	49.89	743.66	-	8.92	<2	<2	<2	9	1,300	-	14.3	-	44.1	587	545
	02/17/2011	793.55	51.20	742.35	-	34.2	<1	<1	7.58	42	6,340	-	29.7	-	261	2,950	728
	04/25/2011	793.55	46.35	747.20	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2011	793.55	46.15	747.40	-	-	-	-	-	-	-	-	-	-	-	-	-
	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
	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
	11/28/2011	793.55	45.37	748.18	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/29/2011	793.55	45.05	748.50	-	6.91	<1	<1	1	8	3,160	-	23.4	<5	90.1	2,000	233
	12/01/2011	793.55	45.36	748.19	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/06/2011	793.55	45.23	748.32	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	793.55	45.01	748.54	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	793.55	45.30	748.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	793.55	45.41	748.14	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	793.55	45.08	748.47	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	793.55	44.95	748.60	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	793.55	44.35	749.20	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	793.55	44.57	748.98	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	793.55	44.89	748.66	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	793.55	45.24	748.31	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/20/2012	793.55	45.05	748.47	-	<2	<2	<2	<4	<10	1,360	-	<2	15.1	<10	48.4	613
	01/24/2012	793.55	45.03	748.52	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2012	793.55	45.26	748.29	-	-	-	-	-	-	-	-	-	-	-	-	-

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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
GW Clean-up Standards*																	
MW-15 (cont.)	02/08/2012	793.55	14.58	778.97	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	793.55	45.74	747.81	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	793.55	45.63	747.92	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	793.55	45.97	747.58	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	793.55	46.30	747.25	61.20	-	-	-	-	-	-	-	-	-	-	-	-
	03/07/2012	793.55	46.55	747.00	117.60	<2	<2	<2	<4	<10	2,070	<2	15.1	<10	68.5	716	576
	04/06/2012	793.55	46.91	746.64	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	793.55	47.69	745.86	117.60	-	-	-	-	-	-	-	-	-	-	-	-
	05/08/2012	793.55	47.36	746.19	117.60	20	<2	<2	3	23	7,260	<2	26.4	107	112	4,470	648
	06/05/2012	793.55	47.66	745.89	-	-	-	-	-	-	-	-	-	-	-	-	440
	07/25/2012	793.55	48.27	745.28	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	793.55	48.59	744.96	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2012	793.55	48.69	744.86	63.30	5.48	<2	<2	<4	5	1,100	<2	14.1	49.1	58.5	618	<100
	09/04/2012	793.55	48.82	744.73	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	793.55	49.24	744.31	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	793.55	48.16	745.39	-	-	-	-	-	-	-	-	-	-	-	-	-
	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	186	245	3,790	204
	12/12/2012	793.55	46.98	746.57	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/22/2013	793.55	47.03	746.52	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	793.55	45.65	747.90	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/14/2013	793.55	45.78	747.77	-	15	<2	<2	2	17	3,560 QK VH	<2	32	<10	139 VH	3,120 QK VC	113
	03/07/2013	793.55	45.36	748.19	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	793.55	45.50	748.05	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	793.55	45.89	747.66	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/16/2013	793.55	46.10	747.45	-	<1	<1	<1	<2	<5	1,780	<1	12.8	37.3	48.1	684	822
	06/03/2013	793.55	46.30	747.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	793.55	47.17	746.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	793.55	47.30	746.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/2013	793.55	47.33	746.22	-	4.1	<2	<2	<4	4.10	1,730	<2	12.7	<10	40.3	1,770	914
	09/05/2013	793.55	47.50	746.05	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	793.55	48.13	745.42	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	793.55	48.05	745.50	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/21/2013	793.55	48.44	745.11	-	8.38	<1	<1	<2	8.38	1,710	<1	10.5	57.4	48.6	1,290	706
	12/20/2013	793.55	48.11	745.44	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	793.55	45.29	748.26	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-16A	06/03/2010	778.96	40.80	738.16	-	<1	<1	<1	<1	<4	550	-	4.09	-	15.6	184	422
	08/17/2010	778.96	43.72	735.24	-	20.8	<2	<2	<2	6.92	28	3,920	-	18.2	-	87.7	930
	11/23/2010	778.96	45.51	733.45	-	29.0	<2	<2	<2	8.26	37	4,120	-	28.1	-	114	1,520
	02/16/2011	778.96	46.15	732.81	-	24.2	<2	<2	<2	9.06	33	2,980	-	23.2	-	96.6	1,080
	04/25/2011	778.96	40.33	738.63	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2011	778.96	39.87	739.09	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/27/2011	778.96	39.50	739.46	-	11.0	<2	<2	2.88	14	1,150	-	21.3	-	82.5	444	828
	08/24/2011	778.96	42.63	736.33	-	12.3	<1	<1	3.64	16	3,540	-	16.1	-	72.5	578	963
	11/28/2011	778.96	40.86	738.10	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/30/2011	778.96	40.49	738.47	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/01/2011	778.96	39.91	739.05	-	3.94	<1	<1	1	5	2,210	<1	<1	<5	44.5	392	538
	12/06/2011	778.96	39.72	739.24	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	778.96	39.55	739.41	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	778.96	39.65	739.31	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	778.96	39.62	739.34	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	778.96	39.45	739.51	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	778.96	39.18	739.78	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	778.96	39.00	739.96	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	778.96	39.10	739.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	778.96	39.45	739.51	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	778.96	39.86	739.10	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/19/2012	778.96	39.71	739.25	-	<2	<2	<2	<4	<10	216	<2	<2	<10	7.64	65.4	134
	01/24/2012	778.96	39.89	739.07	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2012	778.96	40.24	738.72	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/2012	778.96	40.60	738.36	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	778.96	40.76	738.20	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	778.96	40.78	738.18	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	778.96	41.17	737.79	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	778.96	41.32	737.64	66.48	-	-	-	-	-	-	-	-	-	-	-	-
	03/08/2012	778.96	41.44	737.52	64.40	<2	<2	<2	<4	<10	770	<2	5.96	<10	26.8	146	405
	04/06/2012	778.96	42.10	736.86	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	778.96	42.74	736.22	71.43	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2012	778.96	42.58	736.38	64.38	5.81	<1	<1	1	7	1,360 VH	<1	6.96 VH	<5	29.9 VH	421	190
	06/05/2012	778.96	43.07	735.89	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	778.96	43.66	735.30	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	778.96	44.09	734.87	64.40	7.11	<1	<1	2	9	1,440	<1	14.6	<5	54	648	<100
	08/22/2012	778.96	44.09	734.87	64.40	-	-	-	-	-	-	-	-	-	-	-	<154

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-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	
GW Clean-up Standards*																		
MW-16A (cont.)	09/04/2012	778.96	44.33	734.63	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	778.96	44.90	734.06	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	778.96	43.49	735.47	58.30	-	-	-	-	-	-	-	-	-	-	-	-	
	11/08/2012	778.96	NR	-	-	16	<2	<2	7	23	4,840	2.98	36.9 VH	<10	165 VH	1,290	241	251
	12/12/2012	778.96	42.14	736.82	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	778.96	42.04	736.92	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	778.96	40.13	738.83	64.42	-	-	-	-	-	-	-	-	-	-	-	-	
	02/14/2013	778.96	NR	-	-	<2	<2	<2	<4	<10	2,060 QK VH	<2	12.6	<10	46.4 VH	690 VC	<100	<150
	03/07/2013	778.96	40.21	738.75	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	778.96	40.45	738.51	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	778.96	41.42	737.54	64.47	-	-	-	-	-	-	-	-	-	-	-	-	
	05/16/2013	778.96	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/03/2013	778.96	41.63	737.33	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	778.96	42.45	736.51	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	778.96	42.63	736.33	64.45	-	-	-	-	-	-	-	-	-	-	-	-	
	08/08/2013	778.96	NR	-	-	9.86	<1	<1	2.75	12.61	5,860	3.09	20.7	56.9	92.6	1,700	1,260	334
	09/05/2013	778.96	42.83	736.13	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	778.96	43.41	735.55	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	778.96	43.31	735.65	64.45	-	-	-	-	-	-	-	-	-	-	-	-	
	11/22/2013	778.96	NR	-	-	4.58	<2	<2	<4	4.58	1,080	<2	12.0	33.8	50.2	751	745	<27.4
	12/20/2013	778.96	43.23	735.73	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	778.96	39.49	739.47	-	<2.00	<2.00	<2.00	<4.00	<10.00	247	<2.00	<2.00	<10.0	7.42	53.0	369	<27.4
	05/06/2014	778.96	36.53	742.43	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/08/2014	778.96	NR	-	-	<1	<1	<1	<2	<5	93.8	<1	<1	<5	<1	129	114 J	-
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
	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
	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
	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
	04/25/2011	778.24	40.91	737.33	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/2011	778.24	40.85	737.39	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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
	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
	11/28/2011	778.24	40.16	738.08	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/01/2011	778.24	40.65	737.59	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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	<10.0	119	1,060	492	<156
	12/06/2011	778.24	40.23	738.01	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	778.24	40.27	737.97	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	778.24	40.36	737.88	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	778.24	40.33	737.91	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	778.24	40.16	738.08	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	778.24	39.90	738.34	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	778.24	39.71	738.53	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	778.24	39.83	738.41	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	778.24	40.16	738.08	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	778.24	40.00	738.24	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/20/2012	778.24	40.47	737.77	-	25.5	<2	<2	7	33	6,190	<2	33.3	<10	150	1,330	1,010	<154
	01/24/2012	778.24	40.61	737.63	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	778.24	40.96	737.28	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	778.24	41.31	736.93	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	778.24	41.47	736.77	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	778.24	41.48	736.76	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	778.24	41.85	736.39	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/05/2012	778.24	42.03	736.21	120.10	15.9	<2	<2	6	22	4,480	<2	20.3	<10	125	1,500	792	<161
	03/07/2012	778.24	42.35	735.89	120.10	-	-	-	-	-	-	-	-	-	-	-	-	
	04/06/2012	778.24	42.80	735.44	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2012	778.24	43.40	734.84	120.04	-	-	-	-	-	-	-	-	-	-	-	-	
	05/11/2012	778.24	43.47	734.77	120.04	23.2	<2	<2	<4	23	1,970 VH	<2	20.7 VH	<10	101	554	137	<150
	06/05/2012	778.24	43.79	734.45	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	778.24	44.37	733.87	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	778.24	44.79	733.45	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/21/2012	778.24	44.81	733.43	122.31	9.32	<2	<2	<4	9	1,760	<2	19	63.7	93.3	643	<100	<152
	09/04/2012	778.24	45.04	733.20	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	778.24	45.60	732.64	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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	79.0	142	2,750	<100	<153
	12/12/2012	778.24	42.83	735.41	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	778.24	42.74	735.50	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	778.24	40.80	737.44	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/14/2013	778.24	40.70	737.54	-	7.48	<2	<2	<4	7	3,590 QK VH	<2	26.3	71.9	127 VH	1,720 QK VC	<100	<150
	03/07/2013	778.24	40.92	737.32	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	778.24	41.17	737.07	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	778.24	41.73	736.51	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/16/2013	778.24	41.79	736.45	124.90	4.92	<2	<2	<4	5.00	1,600	<2	13	<25	42.5	<10	881	<153

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-amyln alcohol (µg/L)	Tert-butyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
					5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA	47	47	
GW Clean-up Standards*																		
MW-16B (cont.)	06/03/2013	778.24	42.35	735.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	778.24	43.15	735.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	778.24	43.32	734.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/2013	778.24	43.40	734.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/05/2013	778.24	43.53	734.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	778.24	44.10	734.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	778.24	44.04	734.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/21/2013	778.24	44.27	733.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/20/2013	778.24	43.93	734.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	778.24	40.20	738.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2014	778.24	39.70	738.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/06/2014	778.24	37.27	740.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/09/2014	778.24	37.05	741.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-17A	06/03/2010	785.01	30.08	754.93	-	-	-	-	-	-	-	-	-	-	-	-	<100	<300
	08/18/2010	785.01	32.68	752.33	-	-	-	-	-	-	-	-	-	-	-	-	<100	<150
	11/24/2010	785.01	33.96	751.05	-	-	-	-	-	-	-	-	-	-	-	-	541 D1	541 D1
	02/16/2011	785.01	37.95	747.06	-	-	-	-	-	-	-	-	-	-	-	-	<100	239
	04/25/2011	785.01	29.54	755.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2011	785.01	31.51	753.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/26/2011	785.01	28.30	756.71	-	-	-	-	-	-	-	-	-	-	-	-	<100	<150
	08/24/2011	785.01	31.95	753.06	-	-	-	-	-	-	-	-	-	-	-	-	<100	<150
	11/28/2011	785.01	28.97	756.04	-	-	-	-	-	-	-	-	-	-	-	-	<100	<156
	11/29/2011	785.01	28.61	756.40	-	-	-	-	-	-	-	-	-	-	-	-	<100	<156
	12/01/2011	785.01	29.15	755.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/06/2011	785.01	29.22	755.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	785.01	29.10	755.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	785.01	28.70	756.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	785.01	28.21	756.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	785.01	27.46	757.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	785.01	26.80	758.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	785.01	26.53	758.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	785.01	26.95	758.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	785.01	27.34	757.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/19/2012	785.01	27.20	757.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/24/2012	785.01	27.19	757.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2012	785.01	27.50	757.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/2012	785.01	27.95	757.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	785.01	28.22	756.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	785.01	28.18	756.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	785.01	29.18	755.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	785.01	29.01	756.00	47.20	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/08/2012	785.01	29.44	755.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/06/2012	785.01	30.18	754.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	785.01	30.85	754.16	50.83	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/10/2012	785.01	30.61	754.40	50.83	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/05/2012	785.01	29.83	755.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/25/2012	785.01	31.13	753.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	785.01	31.67	753.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2012	785.01	32.02	752.99	64.37	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/04/2012	785.01	32.30	752.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2012	785.01	32.75	752.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	785.01	30.17	754.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/06/2012	785.01	30.40	754.61	-	<1.00	<1.00	<1.00	<1.00	<2.00	-	5.00	-	<1.00	<1.00	<5.00	<1.00	<154
	12/12/2012	785.01	30.33	754.68	-	-	-	-	-	-	-	-	-	-	-	-	<100	<150
	01/22/2013	785.01	29.85	755.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/2013	785.01	28.21	756.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/12/2013	785.01	28.09	756.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/07/2013	785.01	28.30	756.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/18/2013	785.01	28.86	756.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	785.01	29.14	755.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/15/2013	785.01	29.12	755.89	47.06	-	-	-	-	-	-	-	-	-	-	-	<100	<150
	06/03/2013	785.01	29.67	755.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2013	785.01	30.53	754.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/05/2013	785.01	30.59	754.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/07/2013	785.01	30.86	754.15	48.15	-	-	-	-	-	-	-	-	-	-	-	<100	41.6 J
	09/05/2013	785.01	30.86	754.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/08/2013	785.01	31.89	753.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2013	785.01	31.83	753.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/20/2013	785.01	32.2	752.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/20/2013	785.01	31.40	753.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	785.01	27.81	757.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/25/2014	785.01	27.85	757.16	-	-	-	-	-	-	-	-	-	-	-	-	<9.35	<28.2

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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	
GW Clean-up Standards*																		
MW-17B	06/03/2010	785.17	29.73	755.44	-	6.83	<1	<1	6.1	13	22.8	-	-	<1	<5	123	<300	
	08/17/2010	785.17	32.41	752.76	-	7.68	<1	<1	6.39	14	22.6	-	-	1.02	<5	119	<150	
	11/24/2010	785.17	33.91	751.26	-	5.69	<1	<1	4.80	10	26.3	-	-	<1	31.6	<100	<150	
	02/16/2011	785.17	34.51	750.66	-	11.4	<1	<1	7.35	19	21.4	-	-	<1	<5	116	<150	
	04/25/2011	785.17	29.42	755.75	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/2011	785.17	30.51	754.66	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/26/2011	785.17	28.77	756.40	-	10.6	<1	<1	5.74	16	25.7	-	-	<1	<5	134	<150	
	08/24/2011	785.17	31.84	753.33	-	8.46	<1	<1	3.79	12	21.6	-	-	<1	17.7	106	<150	
	11/28/2011	785.17	28.84	756.33	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/29/2011	785.17	28.46	756.71	-	11.4	<1	<1	5.0	16	30.6	-	-	<1	33.5	<100	<156	
	12/01/2011	785.17	28.97	756.20	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/06/2011	785.17	29.22	755.95	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	785.17	29.08	756.09	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	785.17	28.87	756.30	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	785.17	28.50	756.67	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	785.17	28.50	756.67	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	785.17	27.65	757.52	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	785.17	26.65	758.52	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	785.17	26.59	758.58	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	785.17	27.01	758.16	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	785.17	27.34	757.83	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/19/2012	785.17	27.21	757.96	-	10.1	<1	<1	2	12	21.1	-	<1	<1	18.7	<100	<152	
	01/24/2012	785.17	27.28	757.89	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	785.17	27.57	757.60	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	785.17	27.95	757.22	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	785.17	28.12	757.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	785.17	28.37	756.80	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	785.17	28.98	756.19	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/05/2012	785.17	28.94	756.23	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/08/2012	785.17	29.34	755.83	-	10.3	<1	<1	5.55	16	24.9	-	<1	<1	<1	<100	<152	
	04/06/2012	785.17	30.01	755.16	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2012	785.17	30.74	754.43	120.82	-	-	-	-	-	-	-	-	-	-	-	-	
	05/10/2012	785.17	30.65	754.52	120.82	9.19	<1	<1	<2	9	13.2 VH	-	<1	<1	19.5	<100	<150	
	06/05/2012	785.17	29.74	755.43	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	785.17	31.11	754.06	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	785.17	31.65	753.52	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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
	09/04/2012	785.17	32.28	752.89	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	785.17	32.68	752.49	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	785.17	30.15	755.02	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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	13.4	<1.00	17.3	<100	<159
	12/12/2012	785.17	30.07	755.10	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	785.17	29.75	755.42	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	785.17	28.42	756.75	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/12/2013	785.17	28.16	757.01	-	11.7	<1	<1	<2	12	25.6 VH	-	<1	<1	1.06	28.9 VC	<100	<153
	03/07/2013	785.17	28.22	756.95	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	785.17	28.80	756.37	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	785.17	29.03	756.14	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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
	06/03/2013	785.17	29.56	755.61	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	785.17	30.43	754.74	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	785.17	30.35	754.82	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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
	09/05/2013	785.17	30.75	754.42	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	785.17	31.75	753.42	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	785.17	31.85	753.32	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/20/2013	785.17	32.02	753.15	-	12.0	<1	<1	<2	12.00	19.9	-	<1	<1	<5	<5	85.4 J	<27.1
	12/20/2013	785.17	31.38	753.79	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	785.17	27.94	757.23	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/25/2014	785.17	27.92	757.25	-	11.3	<1	<1	<2	11.3	13.1	-	<1	<1	5.20	<1	7.09	72.3 J
	05/06/2014	785.17	24.95	760.22	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2014	785.17	25.20	759.97	-	10.2	<1	<1	<2	10.2	16.2	-	<1	<1	<5	46.2 J	<23.2	
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
	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
	11/24/2010	798.54	47.98	750.56	-	<2	<2	<2	<2	<8	7,520	-	30.2	-	134	1,940	925	222
	02/17/2011	798.54	48.70	749.84	-	2.20	<2	<2	<2	5	10,300	-	40.4	-	196	2,990	923	178
	04/25/2011	798.54	43.20	755.34	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/2011	798.54	45.43	753.11	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/27/2011	798.54	42.20	756.34	-	<2	<2	<2	<2	<8	2,040	-	15.8	-	71.3	108	976	<150
	08/25/2011	798.54	45.68	752.86	-	<2	<2	<2	<2	<8	3,000	-	11.1	-	55.7	534	791	<150
	11/28/2011	798.54	43.12	755.42	-	-	-	-	-	-	-	-	-	-	-	-	-	

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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	
GW Clean-up Standards*																		
MW-18A (cont.)	11/30/2011	798.54	42.90	755.64	-	<5	-	-	-	-	-	-	-	-	-	-	-	
	12/01/2011	798.54	44.04	754.50	-	<2.00	<2.00	<2.00	<4.00	<10.00	3,520	<2.00	19.8	<10.0	76.2	729	302	
	12/02/2011	798.54	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/06/2011	798.54	43.27	755.27	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	798.54	44.22	754.32	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	798.54	44.97	753.57	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	798.54	44.52	754.02	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	798.54	42.98	755.56	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	798.54	44.92	753.62	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	798.54	42.58	755.96	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	798.54	44.43	754.11	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	798.54	44.83	753.71	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	798.54	45.15	753.39	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/19/2012	798.54	44.72	753.82	-	<2	<2	<2	<4	<10	925	<2	<2	<10	20.5	98.9	455	
	01/24/2012	798.54	44.96	753.58	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	798.54	44.97	753.57	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	798.54	45.37	753.17	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	798.54	45.42	753.12	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	798.54	45.40	753.14	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	798.54	44.30	754.24	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/05/2012	798.54	47.86	750.68	68.70	-	-	-	-	-	-	-	-	-	-	-	-	
	03/08/2012	798.54	45.91	752.63	64.60	<2	<2	<2	<4	<10	333	<2	<2	<10	2.84	43.1	192	
	04/06/2012	798.54	45.35	753.19	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2012	798.54	46.90	751.64	68.20	-	-	-	-	-	-	-	-	-	-	-	-	
	05/10/2012	798.54	46.75	751.79	64.65	<2	<2	<2	<4	<10	86.3 VH	<2	<2	<10	2.04	31.3	<100	
	06/05/2012	798.54	46.36	752.18	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	798.54	47.27	751.27	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	798.54	47.52	751.02	64.67	-	-	-	-	-	-	-	-	-	-	-	-	
	08/22/2012	798.54	47.52	751.02	64.67	<1	<1	<1	<2	<5	75	<1	<1	<5	1.59	23.4	<100	
	09/04/2012	798.54	47.75	750.79	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	798.54	47.44	751.10	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	798.54	46.30	752.24	64.65	-	-	-	-	-	-	-	-	-	-	-	-	
	11/08/2012	798.54	NR	-	-	<2	<2	<2	<4	<10	539	<2	<2	<10	14.4 VH	226	<100	
	12/12/2012	798.54	44.92	753.62	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	798.54	45.55	752.99	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	798.54	43.91	754.63	64.68	<1	<1	<1	<2	<5	122 QK	<1	<1	<5	17.5	<100	<152	
	02/14/2013	798.54	NR	-	-	<0.5	<0.5	<0.5	<1	<3	41.8	<0.5	<0.5	<2.5	<0.5	<2.5	110	
	03/07/2013	798.54	43.95	754.59	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	798.54	44.18	754.36	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	798.54	44.42	754.12	64.68	-	-	-	-	-	-	-	-	-	-	-	-	
	05/16/2013	798.54	NR	-	-	<0.5	<0.5	<0.5	<1	<3	41.8	<0.5	<0.5	<2.5	<0.5	<2.5	110	
	06/03/2013	798.54	44.40	754.14	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	798.54	45.63	752.91	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	798.54	45.67	752.87	64.69	-	-	-	-	-	-	-	-	-	-	-	-	
	08/08/2013	798.54	NR	-	-	<1	<1	<1	<2	<5	9.58	<1	<1	<5	<1	<5	15.6	
	09/05/2013	798.54	46.02	752.52	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	798.54	46.72	751.82	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	798.54	46.67	751.87	64.68	-	-	-	-	-	-	-	-	-	-	-	-	
	11/22/2013	798.54	NR	-	-	<1	<1	<1	<2	<5	7.66	<1	<1	<5	<1	<5	19.2 J	
	12/20/2013	798.54	46.49	752.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/23/2014	798.54	43.74	754.80	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/10/2014	798.54	42.85	755.69	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	798.54	43.95	754.59	64.68	<1.00	<1.00	<1.00	<2.00	<5	34.9	<1.00	<1.00	<5.00	<1.00	<5.00	62.1 J	
	03/11/2014	798.54	41.36	757.18	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/21/2014	798.54	43.14	755.40	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/04/2014	798.54	40.65	757.89	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/21/2014	798.54	42.90	755.64	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/06/2014	798.54	39.48	759.06	64.68	-	-	<1	<1	<2	<5	26.6	<1	<1	<5	<1	<5	43.3 J
	05/08/2014	798.54	NR	-	-	<1	<1	<1	<2	<5	26.6	<1	<1	<5	<1	<5	134 J	
	05/22/2014	798.54	42.20	756.34	-	-	-	-	-	-	-	-	-	-	-	-	-	
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	
	08/17/2010	799.12	47.20	751.92	-	73.5	<5	<5	43.4	117	13,000	-	166	-	432	7,110	375	
	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	
	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	
	04/25/2011	799.12	43.78	755.34	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/28/2011	799.12	45.41	753.71	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/27/2011	799.12	42.93	756.19	-	23.0	<5	<5	<5	23	8,290	-	85.7	-	392	2,700	1,560	
	08/25/2011	799.12	46.51	752.61	-	23.4	<5	<5	<5	23	10,400	-	70.5	-	296	3,350	1,170	
	11/28/2011	799.12	43.85	755.27	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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	154	195	3,130	294	
	12/06/2011	799.12	43.96	755.16	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	799.12	44.45	754.67	-	-	-	-	-	-	-	-	-	-	-	-	-	

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)	GW Clean-up Standards*									
						5	1,000	700	10,000	NA	20	0.65	NA	NA	NA
MW-18B (cont.)	12/08/2011	799.12	45.10	754.02	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	799.12	45.13	753.99	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	799.12	43.71	755.41	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	799.12	45.14	753.98	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	799.12	43.29	755.83	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	799.12	44.76	754.36	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	799.12	45.21	753.91	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	799.12	45.58	753.54	-	-	-	-	-	-	-	-	-	-	-
	01/20/2012	799.12	45.30	753.82	-	3.64	<2	-	-	-	4	4,110	-	-	-
	01/24/2012	799.12	45.38	753.74	-	-	-	-	-	-	<4	-	-	-	-
	01/31/2012	799.12	45.47	753.65	-	-	-	-	-	-	-	-	-	-	-
	02/08/2012	799.12	45.85	753.27	-	-	-	-	-	-	-	-	-	-	-
	02/15/2012	799.12	45.90	753.22	-	-	-	-	-	-	-	-	-	-	-
	02/22/2012	799.12	45.94	753.18	-	-	-	-	-	-	-	-	-	-	-
	02/27/2012	799.12	44.99	754.13	-	-	-	-	-	-	-	-	-	-	-
	03/05/2012	799.12	46.35	752.77	-	-	-	-	-	-	-	-	-	-	-
	03/08/2012	799.12	46.61	752.51	-	3.42	<2	-	-	-	3	4,820	<2	18.5	<10
	04/06/2012	799.12	46.18	752.94	-	-	-	-	-	-	-	-	-	-	-
	05/07/2012	799.12	47.43	751.69	120.36	-	-	-	-	-	-	-	-	-	-
	05/08/2012	799.12	47.45	751.67	120.36	<2	<2	-	-	-	<4	-	<10	1,420 VH	<2
	06/05/2012	799.12	47.04	752.08	-	-	-	-	-	-	-	-	-	7.8 VH	<10
	07/25/2012	799.12	47.77	751.35	-	-	-	-	-	-	-	-	-	-	-
	08/20/2012	799.12	48.02	751.10	-	-	-	-	-	-	-	-	-	-	-
	08/22/2012	799.12	48.03	751.09	122.30	<2	<2	-	-	-	<4	-	<10	1,810	<2
	09/04/2012	799.12	48.14	750.98	-	-	-	-	-	-	-	-	-	14.1	55.8
	10/25/2012	799.12	48.12	751.00	-	-	-	-	-	-	-	-	-	-	-
	11/05/2012	799.12	46.51	752.61	-	-	-	-	-	-	-	-	-	-	-
	11/07/2012	799.12	46.25	752.87	-	<2	<2	<2	-	-	<4	-	<10	2,850 VH	<2
	12/12/2012	799.12	45.54	753.58	-	-	-	-	-	-	-	-	-	26.9 VH	107
	01/22/2013	799.12	46.18	752.94	-	-	-	-	-	-	-	-	-	126	881
	02/11/2013	799.12	44.44	754.68	-	-	-	-	-	-	-	-	-	-	-
	02/14/2013	799.12	44.44	754.68	-	3.02	<2	-	-	-	<4	-	3,600 QK VH	<2	19.1
	03/07/2013	799.12	44.55	754.57	-	-	-	-	-	-	-	-	-	<10	93.5 VH
	04/18/2013	799.12	44.80	754.32	-	-	-	-	-	-	-	-	-	-	-
	05/13/2013	799.12	45.00	754.12	-	-	-	-	-	-	-	-	-	-	-
	05/16/2013	799.12	45.12	754.00	-	2.96	<2	-	-	-	<4	-	3,00	1,890	<2
	06/03/2013	799.12	45.26	753.86	-	-	-	-	-	-	-	-	-	12.3	<10
	07/26/2013	799.12	45.84	753.28	-	-	-	-	-	-	-	-	-	36	213
	08/05/2013	799.12	46.05	753.07	-	-	-	-	-	-	-	-	-	-	-
	08/09/2013	799.12	46.18	752.94	-	2.24	<2	-	-	-	<4	-	2.24	1,280	<2
	09/05/2013	799.12	46.34	752.78	-	-	-	-	-	-	-	-	-	12.8	33.7
	10/08/2013	799.12	47.98	751.14	-	-	-	-	-	-	-	-	-	47.2	584
	11/18/2013	799.12	47.05	752.07	-	-	-	-	-	-	-	-	-	-	-
	11/21/2013	799.12	47.15	751.97	-	<2	<2	<2	-	-	<4	-	<10	943	<2
	12/20/2013	799.12	47.22	751.90	-	-	-	-	-	-	-	-	-	7.16	22.6
	01/23/2014	799.12	44.09	755.03	-	-	-	-	-	-	-	-	-	-	-
	02/10/2014	799.12	43.37	755.75	-	-	-	-	-	-	-	-	-	-	-
	02/24/2014	799.12	43.94	755.18	-	-	-	-	-	-	-	-	-	-	-
	02/27/2014	799.12	43.77	755.35	-	<2.00	<2.00	<2.00	<4.00	-	<10	1,090	<2.00	9.72	29.2
	03/11/2014	799.12	42.05	757.07	-	-	-	-	-	-	-	-	-	-	-
	03/21/2014	799.12	43.25	755.87	-	-	-	-	-	-	-	-	-	-	-
	04/04/2014	799.12	41.61	757.51	-	-	-	-	-	-	-	-	-	-	-
	04/21/2014	799.12	42.92	756.20	-	-	-	-	-	-	-	-	-	-	-
	05/06/2014	799.12	40.46	758.66	-	-	-	-	-	-	-	-	-	-	-
	05/09/2014	799.12	41.07	758.05	-	<1	<1	<1	<2	-	<5	107	<1	1.4	<1
	05/22/2014	799.12	42.20	756.92	-	-	-	-	-	-	-	-	-	-	-
MW-19A	07/07/2011	761.83	24.75	737.08	-	<1	<1	<1	<1	<1	<4	<1	<1	<1	<1
	08/24/2011	761.83	26.54	735.29	-	<1	<1	<1	<1	<1	<4	<1	<1	<1	<100
	11/28/2011	761.83	22.79	739.04	-	-	-	-	-	-	-	-	-	-	<150
	12/01/2011	761.83	22.50	739.33	-	<1	<1	<1	<1	<2	<5	<1	<1	<1	<100
	12/06/2011	761.83	22.29	739.54	-	-	-	-	-	-	-	-	-	-	-
	12/07/2011	761.83	22.15	739.68	-	-	-	-	-	-	-	-	-	-	-
	12/08/2011	761.83	21.42	740.41	-	-	-	-	-	-	-	-	-	-	-
	12/09/2011	761.83	22.28	739.55	-	-	-	-	-	-	-	-	-	-	-
	12/13/2011	761.83	21.88	739.95	-	-	-	-	-	-	-	-	-	-	-
	12/19/2011	761.83	21.63	740.20	-	-	-	-	-	-	-	-	-	-	-
	12/28/2011	761.83	19.21	742.62	-	-	-	-	-	-	-	-	-	-	-
	01/03/2012	761.83	22.06	739.77	-	-	-	-	-	-	-	-	-	-	-
	01/09/2012	761.83	22.54	739.29	-	-	-	-	-	-	-	-	-	-	-
	01/16/2012	761.83	23.08	738.75	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<100
	01/24/2012	761.83	23.30	738.53	-	-	-	-	-	-	-	-	-	-	<166
	01/31/2012	761.83	23.70	738.13	-	-	-	-	-	-	-	-	-	-	-

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)	GW Clean-up Standards*												
						5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	47	47	
MW-19A (cont.)	02/08/2012	761.83	24.03	737.80	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	761.83	24.19	737.64	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	761.83	24.22	737.61	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	761.83	24.64	737.19	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/05/2012	761.83	24.82	737.01	59.20	-	-	-	-	-	-	-	-	-	-	-	-	
	03/07/2012	761.83	25.00	736.83	55.70	<1	-	<1	-	-	-	-	<5	-	-	-	-	
	04/06/2012	761.83	25.65	736.18	-	-	<2	-	<2	-	-	-	-	-	-	-	-	
	05/07/2012	761.83	26.38	735.45	55.62	-	-	-	-	-	-	-	-	-	-	-	-	
	05/08/2012	761.83	26.77	735.06	55.62	-	-	-	-	-	-	-	<4	-	-	-	-	
	06/05/2012	761.83	26.81	735.02	-	-	-	-	-	-	-	-	<10	-	-	-	-	
	07/25/2012	761.83	27.33	734.50	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	761.83	27.83	734.00	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/21/2012	761.83	27.86	733.97	55.45	<1	-	<1	-	-	-	-	-	-	-	-	-	
	09/04/2012	761.83	28.16	733.67	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	761.83	28.83	733.00	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	761.83	25.79	736.04	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	-	-	-	<100	<159	
	12/12/2012	761.83	25.30	736.53	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	761.83	24.89	736.94	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	761.83	22.30	739.53	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/2013	761.83	22.36	739.47	-	-	<1	-	-	-	-	-	-	-	-	-	-	
	03/07/2013	761.83	23.34	738.49	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	761.83	23.72	738.11	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	761.83	24.35	737.48	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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	<5.00	<1.00	<5.00	<100	<158	
	07/26/2013	761.83	26.15	735.68	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/03/2013	761.83	25.06	736.77	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	761.83	26.35	735.48	32.10	<2	-	<2	-	<4	<10	<2	<2	<10	<1.00	<5.00	<100	<150
	09/05/2013	761.83	26.50	735.33	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	761.83	27.19	734.64	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	761.83	26.90	734.93	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/20/2013	761.83	27.14	734.69	-	-	<1	-	-	-	-	-	-	-	-	-	-	
	12/20/2013	761.83	26.55	735.28	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	761.83	18.77	743.06	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/06/2014	761.83	18.63	743.20	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2014	761.83	18.80	743.03	-	-	<1	-	<1	-	-	-	-	-	-	<13	<23.7	
MW-19B	07/07/2011	762.80	62.11	700.69	-	<1	-	<1	-	<4	<1	<1	-	-	-	-	-	
	08/24/2011	762.80	29.25	733.55	-	<1	-	<1	-	<4	<1	<1	-	-	-	-	-	
	11/28/2011	762.80	16.61	746.19	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/01/2011	762.80	17.00	745.80	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/06/2011	762.80	19.80	743.00	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	762.80	19.80	743.00	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	762.80	18.75	744.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	762.80	18.82	743.98	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	762.80	18.94	743.86	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	762.80	19.04	743.76	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	762.80	18.97	743.83	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	762.80	19.15	743.65	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	762.80	19.27	743.53	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	762.80	19.65	743.15	-	-	<1	-	<1	-	<1	<1	<1	<1	<1	<100	<160	
	01/24/2012	762.80	20.98	741.82	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	762.80	21.03	741.77	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	762.80	21.17	741.63	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	762.80	21.28	741.52	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	762.80	21.43	741.37	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	762.80	21.52	741.28	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/05/2012	762.80	21.75	741.05	121.30	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<100	<155	
	03/07/2012	762.80	21.74	741.06	121.30	<1	<1	<1	<2	<5	<1	<1	<1	<1	<1	<100	<155	
	04/06/2012	762.80	23.02	739.78	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2012	762.80	23.35	739.45	121.04	-	-	-	-	-	-	-	-	-	-	-	-	
	05/08/2012	762.80	23.36	739.44	121.04	<2	-	<2	<2	<4	<10	<2	<2	<10	<2	<100	<162	
	06/05/2012	762.80	32.02	730.78	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	762.80	24.32	738.48	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	762.80	24.83	737.97	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/21/2012	762.80	24.83	737.97	121.00	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<100	<150	
	09/04/2012	762.80	24.75	738.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	762.80	22.66	740.14	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	762.80	5.54	757.26	-	<1.00	<1.00	<1.00	<2.00	<5.00	<1.00	<1.00	<5.00	<1.00	<5.00	<100	<152	
	12/12/2012	762.80	16.30	746.50	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	762.80	24.89	737.91	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	762.80	22.13	740.67	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/13/2013	762.80	22.05	740.75	-	-	<1	-	<1	-	-	-	-	-	-	<100	<150	
	03/07/2013	762.80	22.96	739.84	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

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

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-amyln alcohol (µg/L)		Tert-amyln methyl ether (µg/L)		Tert-Buyl Alcohol (µg/L)		TPH-GRO (µg/L)		TPH-DRO (µg/L)	
		GW Clean-up Standards*																																	
		5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
MW-20B (cont.)	12/08/2011	759.47	28.11	731.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/09/2011	759.47	27.93	731.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/13/2011	759.47	27.78	731.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/19/2011	759.47	27.51	731.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/28/2011	759.47	27.18	732.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	01/03/2012	759.47	27.15	732.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	01/09/2012	759.47	27.41	732.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	01/16/2012	759.47	27.86	731.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	01/24/2012	759.47	27.93	731.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	01/31/2012	759.47	28.30	731.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	02/08/2012	759.47	28.68	730.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	02/15/2012	759.47	28.95	730.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	02/22/2012	759.47	19.05	740.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	02/27/2012	759.47	29.50	729.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	03/05/2012	759.47	29.79	729.68	120.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	04/06/2012	759.47	31.12	728.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	05/07/2012	759.47	32.42	727.05	120.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	05/08/2012	759.47	32.41	727.06	120.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	06/05/2012	759.47	33.11	726.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	07/25/2012	759.47	34.10	725.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	08/20/2012	759.47	34.82	724.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	08/21/2012	759.47	34.86	724.61	122.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	09/04/2012	759.47	35.25	724.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	10/25/2012	759.47	36.20	723.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	11/05/2012	759.47	34.14	725.33	120.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/12/2012	759.47	32.64	726.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	01/22/2013	759.47	31.82	727.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	02/11/2013	759.47	30.26	729.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	03/07/2013	759.47	29.95	729.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	04/18/2013	759.47	29.25	730.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	05/13/2013	759.47	29.96	729.51	125.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	06/03/2013	759.47	30.61	728.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	07/26/2013	759.47	32.07	727.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	08/05/2013	759.47	32.30	727.17	125.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	09/05/2013	759.47	32.64	726.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	10/08/2013	759.47	33.78	725.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	11/18/2013	759.47	33.95	725.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	11/19/2013	759.47	34.11	725.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/20/2013	759.47	33.80	725.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	02/24/2014	759.47	28.23	731.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	05/06/2014	759.47	24.28	735.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	05/07/2014	759.47	24.25	735.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MW-21	11/28/2011	800.69	36.41	764.28	45.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	11/29/2011	800.69	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/01/2011	800.69	36.28	764.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/02/2011	800.69	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/06/2011	800.69	36.72	763.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/07/2011	800.69	36.14	764.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/08/2011	800.69	34.81	765.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/09/2011	800.69	34.54	766.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/13/2011	800.69	35.67	765.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/19/2011	800.69	33.62	767.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	12/28/2011	800.69	33.51	767.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	01/03/2012	800.69	32.86	767.83</td																															

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)	GW Clean-up Standards*													
						Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)		
						5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA	47	47	
MW-21 (cont.)	10/25/2012	800.69	39.98	760.71	-	-	-	-	-	<10	-	-	-	-	-	-	-		
	11/05/2012	800.69	35.35	765.34	45.23	<2	<2	<2	<4	-	-	-	<2	-	<10	<2	<10	<100	<154
	12/12/2012	800.69	37.62	763.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	800.69	36.83	763.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	800.69	34.27	766.42	45.22	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/12/2013	800.69	NR	-	-	<1	<1	<1	<2	<5	<1	-	<1	<1	<5	<1	<5	<100	<153
	03/07/2013	800.69	35.21	765.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	800.69	36.32	764.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	800.69	36.75	763.94	45.24	-	-	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	
	05/14/2013	800.69	NR	-	-	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<0.5	<2.5	<0.5	<2.5	<100	<153	
	06/03/2013	800.69	37.80	762.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	800.69	37.85	762.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	800.69	38.05	762.64	45.22	-	-	<2	<2	<4	<10	<2	-	<10	<2	<10	<100	66.1 J	
	08/06/2013	800.69	NR	-	-	<2	-	-	-	-	-	-	-	-	-	-	-	-	
	09/05/2013	800.69	38.60	762.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	800.69	39.28	761.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	800.69	39.08	761.61	45.22	<1	<1	<1	<2	<5	<1	-	<1	<1	<5	<1	<5	9.97 J	<27.7
	12/20/2013	800.69	38.67	762.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	800.69	34.36	766.33	45.25	-	-	<1	<1	<2	<5	<1	-	-	-	-	-	-	
	02/25/2014	800.69	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<1	<5	<9.35	<27.4
	05/06/2014	800.69	32.86	767.83	45.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2014	800.69	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<1	<5	<1	<5	52.8 J	
MW-22	11/28/2011	801.21	37.14	764.07	45.10	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/29/2011	801.21	NR	-	-	1.38	<1	-	-	-	-	-	-	-	-	-	-	-	
	12/01/2011	801.21	36.86	764.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/06/2011	801.21	27.22	773.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	801.21	36.97	764.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	801.21	36.08	765.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	801.21	35.53	765.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	801.21	36.20	765.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	801.21	34.47	766.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	801.21	34.14	767.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	801.21	34.03	767.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	801.21	34.61	766.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	801.21	34.94	766.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/17/2012	801.21	34.94	766.27	-	<1	<1	<1	<2	<5	961	<1	9.17	<5	20.6	1,400	562	<150	
	01/24/2012	801.21	35.27	765.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	801.21	35.87	765.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	801.21	36.25	764.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	801.21	36.48	764.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	801.21	36.74	764.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	801.21	37.82	763.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/07/2012	801.21	37.15	764.06	45.04	<2	<2	<2	<4	<10	900	<2	9.02	<10	22.5	452	434	<150	
	04/06/2012	801.21	28.59	772.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2012	801.21	45.42	755.79	39.22	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/08/2012	801.21	39.14	762.07	45.02	<2	<2	<2	<4	<10	242	<2	3.76	<10	6.46	709	168	168	
	06/05/2012	801.21	38.42	762.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	801.21	39.29	761.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	801.21	39.75	761.46	45.05	<2	<2	<2	<4	<10	133	<2	<2	<10	<2	205	<100	<150	
	09/04/2012	801.21	40.17	761.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	801.21	40.82	760.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	801.21	36.25	764.96	45.05	<2	<2	<2	<4	<10	222	<2	3.54	<10	5.48	759	<100	<153	
	12/12/2012	801.21	38.24	762.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	801.21	37.71	763.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	801.21	35.28	765.93	45.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/12/2013	801.21	NR	-	-	<2	<2	<2	<4	<10	184	<2	<2	<10	<2	502	<100	<150	
	03/07/2013	801.21	36.23	764.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	801.21	37.24	763.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	801.21	37.64	763.05	45.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/14/2013	801.21	NR	-	-	<0.5	<0.5	<0.5	<1	<3	20.8	<0.5	<0.5	<2.5	<0.5	12.7	<100	<153	
	06/03/2013	801.21	38.48	762.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	801.21	38.68	762.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	801.21	38.86	761.83	45.07	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/06/2013	801.21	NR	-	-	<2	<2	<2	<4	<10	28.2	<2	<2	<10	<2	<10	39.0 J	42.5 J	
	09/05/2013	801.21	39.45	761.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	801.21	40.32	760.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	801.21	40.03	761.18	45.05	<2	<2	<2	<4	<10	29.0	<2	<2	<10	<2	37.0	39.5 J	<27.1	
	12/20/2013	801.21	39.53	761.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	801.21	35.10	766.11	45.05	-	-	<1	<1	<2	<10	19.9	<1	<1	<5	7.55	45.9 J	28.8 J	
	02/25/2014	801.21	NR	-	-	<1	<1	<1	<1	2.55	2.55	33.8	3.69	<1	<5	<1	507.00	79 J	204

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

Carroll Fuels - Wally's Citgo
19200 Middletown Rd
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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)	GW Clean-up Standards*													
						Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)		
						5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA	47	47	
MW-25B (cont.)	10/25/2012	802.80	44.12	758.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	802.80	39.92	762.88	121.70	<1	-	<1	-	-	-	-	-	-	-	-	-	-	
	11/06/2012	802.80	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/12/2012	802.80	45.48	757.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/21/2013	802.80	41.68	761.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	802.80	38.08	764.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/14/2013	802.80	NR	-	-	<1	-	<1	-	-	-	-	-	-	-	-	-	-	
	03/07/2013	802.80	59.63	743.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	802.80	40.74	762.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	802.80	41.25	761.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/15/2013	802.80	NR	-	-	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-	-	
	06/03/2013	802.80	65.69	737.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	802.80	42.60	760.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	802.80	42.58	760.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/08/2013	802.80	NR	-	-	<1	-	<1	-	-	-	-	-	-	-	-	-	-	
	09/05/2013	802.80	54.72	748.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	802.80	44.67	758.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	802.80	43.02	759.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/21/2013	802.80	NR	-	-	<1	-	<1	-	-	-	-	-	-	-	-	9.72 J	147 J	
	12/20/2013	802.80	55.40	747.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	802.80	37.88	764.92	-	<1.00	<1.00	<1.00	<2.00	<5	<1.00	<1.00	<1.00	<5.00	<1.00	<5.00	<9.35	81.2 J	
	05/06/2014	802.80	36.00	766.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/08/2014	802.80	NR	-	-	<1	<1	<1	<2	<5	<1	<1	<1	<5	<1	<5	<13	74.9 J	
RW-1	06/04/2010	800.93	39.53	761.40	-	<2	<2	<2	<2	<8	398	-	<2	-	6.96	339	341	<300	
	08/19/2010	800.93	41.70	759.23	-	<2	<2	<2	<2	2.38	2	383	-	2.26	-	9.38	299	270	<150
	11/23/2010	800.93	42.31	758.62	-	<1	<1	<1	<1	<4	357	-	<1	-	4.17	106	263	164	
	02/15/2011	800.93	45.25	755.68	-	<2	<2	<2	<2	<8	171	-	<2	-	4.22	123	<100	<150	
	04/20/2011	800.93	NR	-	-	<2	<2	<2	<4	<10	81.3	<2	<2	-	<2	<10	-	-	
	04/25/2011	800.93	34.58	766.35	-	-	-	-	-	-	325	<2	<2	-	<10	<10	<100	<150	
	04/26/2011	800.93	NR	-	-	<2	<2	<2	<4	<10	27.8	<10	<10	-	<10	<10	187	<150	
	04/27/2011	800.93	NR	-	-	<2	<2	<2	<4	<10	284	<2	<2	-	4	61.4	213	<150	
	05/02/2011	800.93	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/25/2011	800.93	35.97	764.96	-	<1	<1	<1	<1	<4	35.3	-	<1	-	<1	<5	<100	<150	
	08/24/2011	800.93	41.21	759.72	-	<1	<1	<1	<1	<4	27.8	-	<1	-	6.35	<100	<150	-	
	12/01/2011	800.93	57.90	743.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/02/2011	800.93	NR	-	-	7.32	22.2	2.32	12.90	44.7	38.0	<2.00	<2.00	-	<10.0	<2.00	19.0	<100	<152
	12/06/2011	800.93	33.52	767.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	800.93	66.25	734.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	800.93	61.40	739.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	800.93	37.33	763.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	800.93	35.60	765.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	800.93	64.30	736.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/28/2011	800.93	63.35	737.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	800.93	62.04	738.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	800.93	62.35	738.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/16/2012	800.93	63.70	737.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/17/2012	800.93	NR	-	-	<2	-	<2	-	<4	<10	179	<2	<2	-	2.72	128	<100	-
	01/24/2012	800.93	61.75	739.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	800.93	65.60	735.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	800.93	63.68	737.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	800.93	65.60	735.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	800.93	62.90	738.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	800.93	66.17	734.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/07/2012	800.93	NR	-	-	<1	<1	<1	<2	<5	279	<1	<1	<5	2.46	<5	<100	<153	-
	03/27/2012	800.93	64.10	736.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/06/2012	800.93	66.20	734.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/16/2012	800.93	64.85	736.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/08/2012	800.93	NR	-	-	<2	<2	<2	<4	<10	109	<2	<2	<10	<2	19.3	<100	<300	-
	05/15/2012	800.93	64.85	736.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/05/2012	800.93	66.90	734.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/25/2012	800.93	68.40	732.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/20/2012	800.93	67.51	733.42	-	<1	<1	<1	<2	<5	81.9	<1	<1	<5	1.25	6.86	<100	<153	-
	09/04/2012	800.93	42.13	758.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/25/2012	800.93	65.88	735.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/05/2012	800.93	63.02	737.91	-	<2	<2	<2	<4	<10	103	<2	<2	<10	<2	<10	<100	<153	-
	12/12/2012	800.93	72.25	728.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/22/2013	800.93	70.95	729.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/11/2013	800.93	73.90	727.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/12/2013	800.93	NR	-	-	<1	<1	<1	<2	<5	12.8 QB	1.11 VC	<1	<5	<1	<5	<100	<152	-
	03/07/2013	800.93	67.50	733.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/18/2013	800.93	70.70	730.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)		
GW Clean-up Standards*																			
RW-1 (cont.)	05/13/2013	800.93	68.33	732.60	-	<0.5	<0.5	<0.5	<1	<3	14.7	<0.5	<0.5	<2.5	<0.5	<2.5	<100	<152	
	05/14/2013	800.93	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	06/03/2013	800.93	64.80	736.13	-	-	-	-	-	-	-	-	-	-	-	-	-		
	07/26/2013	800.93	69.10	731.83	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/05/2013	800.93	69.22	731.71	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/06/2013	800.93	NR	-	-	<2	<2	<2	<4	<10	17	<2	<2	<10	<2	<10	25.1 J	49.1 J	
	09/05/2013	800.93	67.70	733.23	-	-	-	-	-	-	-	-	-	-	-	-	-		
	10/08/2013	800.93	68.60	732.33	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11/18/2013	800.93	66.68	734.25	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11/20/2013	800.93	NR	-	-	<2	<2	<2	<4	<10	20.1	<2	<2	<10	<2	<10	24.9 J	<27.1	
	12/20/2013	800.93	65.60	735.33	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/23/2014	800.93	65.78	735.15	-	<0.5	<0.5	<0.5	<1	<2.5	7.48	<0.5	<0.5	<2.5	<0.5	<2.5	23.8 J	<27.7	
	02/10/2014	800.93	36.45	764.48	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/11/2014	800.93	NR	-	-	<0.5	<0.5	<0.5	<1	<2.5	1.75	<0.5	<0.5	<2.5	<0.5	<2.5	11.4 J	<27.4	
	02/24/2014	800.93	57.10	743.83	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/26/2014	800.93	NR	-	-	<2	<2	<2	<4	<10	42.3	<2	<2	<10.0	<2	17.0	60.9 J	<27.4	
	03/11/2014	800.93	34.86	766.07	-	<1	<1	<1	<1	<2	<5	<1	<1	<5	<1	<5	13.0 J	30.0 J	
	03/21/2014	800.93	65.80	735.13	-	<1	<1	<1	<1	<2	<5	27.6	<1	<1	<5	<1	<13	<23.4	
	04/04/2014	800.93	32.85	768.08	-	<1	<1	<1	<1	<2	<5	2.21	<1	<1	<5	<1	<13	<23.7	
	04/21/2014	800.93	61.85	739.08	-	<1	<1	<1	<1	<2	<5	26.7	<1	<1	<5	<1	<13	45.5 J	
	05/06/2014	800.93	31.87	769.06	-	<1	<1	<1	<1	<2	<5	<1	<1	<5	<1	<13	525		
	05/22/2014	800.93	56.60	744.33	-	-	-	-	-	-	-	-	-	-	-	-	-		
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	
	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	
	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	
	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	
	04/20/2011	796.65	NR	-	-	<2	<2	<2	<4	<10	5,910	<2	24.4	-	116	1,640	1,040	-	
	04/25/2011	796.65	40.97	755.68	-	<2	<2	<2	<4	<10	6,110	<2	23.9	<10	112	544	1,070	<150	
	04/26/2011	796.65	NR	-	-	2.76	<2	<2	<4	3	10,200	<2	49.1	163	210	3,240	1,120	<150	
	04/27/2011	796.65	NR	-	-	2.92	<2	<2	<4	3	9,210	<2	51.8	144	222	3,090	1,070	154	
	04/28/2011	796.65	90.20	706.45	-	<2	<2	<2	<4	<10	4,720	<2	30.1	84.8	133	1,320	1,120	171	
	05/02/2011	796.65	NR	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/26/2011	796.65	40.02	756.63	-	<2	<2	<2	<2	<8	7,240	-	32.4	-	140	1,190	1,080	162	
	08/24/2011	796.65	43.31	753.34	-	<2	<2	<2	<2	<8	6,370	-	23.2	-	107	1,600	979	<150	
	11/28/2011	796.65	41.73	754.92	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11/30/2011	796.65	41.73	754.92	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/01/2011	796.65	46.02	750.63	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/02/2011	796.65	NR	-	-	2.12	<2.00	<2.00	<4.00	2.12	5,030	<2.00	30.5	116	118	3,150	523	<152	
	12/06/2011	796.65	41.28	755.37	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/07/2011	796.65	49.11	747.54	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/08/2011	796.65	57.70	738.95	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/09/2011	796.65	42.78	753.87	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/13/2011	796.65	40.95	755.70	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/19/2011	796.65	60.60	736.05	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/28/2011	796.65	43.20	753.45	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/03/2012	796.65	51.20	745.45	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/09/2012	796.65	51.65	745.00	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/16/2012	796.65	61.39	735.26	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/17/2012	796.65	NR	-	-	<2	<2	<2	<4	<10	2,670	<2	17.2	60.9	64.8	1,630	515	-	
	01/24/2012	796.65	50.21	746.44	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/31/2012	796.65	47.16	749.49	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/08/2012	796.65	63.18	733.47	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/15/2012	796.65	63.30	733.35	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/22/2012	796.65	60.85	735.80	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/27/2012	796.65	61.02	735.63	-	-	-	-	-	-	-	-	-	-	-	-	-		
	03/05/2012	796.65	62.75	733.90	-	-	-	-	-	-	-	-	-	-	-	-	-		
	03/07/2012	796.65	NR	-	-	<2	<2	<2	<4	<10	1,580	<2	11.2	<10	37.8	614	474	<153	
	03/27/2012	796.65	68.70	727.95	-	-	-	-	-	-	-	-	-	-	-	-	-		
	04/06/2012	796.65	67.50	729.15	-	-	-	-	-	-	-	-	-	-	-	-	-		
	04/16/2012	796.65	70.25	726.40	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/08/2012	796.65	NR	-	-	<2	<2	<2	<4	<10	1,280	<2	9.48	<10	26.6	428	322	<300	
	05/15/2012	796.65	69.60	727.05	-	-	-	-	-	-	-	-	-	-	-	-	-		
	06/05/2012	796.65	69.08	727.57	-	-	-	-	-	-	-	-	-	-	-	-	-		
	07/25/2012	796.65	74.18	722.47	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/20/2012	796.65	72.80	723.85	-	<2	<2	<2	<4	<10	626	<2	<2	<10	24	271	<100	<153	
	09/04/2012	796.65	72.74	723.91	-	-	-	-	-	-	-	-	-	-	-	-	-		
	10/25/2012	796.65	71.20	725.45	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11/05/2012	796.65	73.60	723.05	-	<2	<2	<2	<4	<10	1,350	<2	11.6	<10	30.2	686	<100	<154	
	12/12/2012	796.65	75.30	721.35	-	-	-	-	-	-	-	-	-	-	-	-	-		
	01/22/2013	796.65	96.05	700.60	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/13/2013	796.65	76.00	720.65	-	-	<1	<1	<1	<2	<5	594 VH	<1	3.05	<5	7.1 VC	53.6	<100	<152
	02/12/2013	796.																	

Table 1

HISTORICAL GROUNDWATER DATA SUMMARY

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

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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)		
				5	1,000	700	10,000															
GW Clean-up Standards*																						
RW-3 (cont.)	04/18/2013	796.77	39.66	757.11	-	-	-	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)	Disopropyl ether (µg/L)	Tert-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)		
	05/13/2013	796.77	39.82	756.95	-	-	<0.5		<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	
	05/16/2013	796.77	NR	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/03/2013	796.77	40.61	756.16	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	07/26/2013	796.77	41.41	755.36	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/05/2013	796.77	41.32	755.45	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/07/2013	796.77	NR	-	-	-	<1		<1	<1	<1	-	-	-	-	-	-	-	-	-	-	
	09/05/2013	796.77	41.73	755.04	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/08/2013	796.77	42.82	753.95	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/18/2013	796.77	42.82	753.95	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	11/22/2013	796.77	NR	-	-	-	<1		<1	<1	<1	-	-	-	-	-	-	-	-	-	-	
	12/20/2013	796.77	42.19	754.58	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/2014	796.77	38.00	758.77	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/25/2014	796.77	NR	-	-	-	<1		<1	<1	<1	-	-	-	-	-	-	-	-	-	-	
TF-1	12/01/2011	NR	DRY	-	14.10	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	NR	DRY	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	NR	DRY	-	14.00	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/09/2011	NR	DRY	-	14.00	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	NR	DRY	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	NR	DRY	-	14.00	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/03/2012	NR	DRY	-	14.17	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	NR	DRY	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/24/2012	NR	DRY	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/31/2012	NR	DRY	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/2012	NR	DRY	-	14.17	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/15/2012	NR	DRY	-	14.17	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/22/2012	NR	DRY	-	14.17	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/27/2012	NR	DRY	-	14.17	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
TF-2	03/09/2012	NR	DRY	-	14.17	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	04/06/2012	NR	DRY	-	14.17	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/07/2012	NR	DRY	-	15.20	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
TF-3	12/01/2011	NR	DRY	-	14.00	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/07/2011	NR	DRY	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/08/2011	NR	DRY	-	14.17	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
TF-4	12/09/2011	NR	DRY	-	14.17	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/13/2011	NR	DRY	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	12/19/2011	NR	DRY	-	14.00	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
1608R	01/03/2012	NR	DRY	-	14.00	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	01/09/2012	NR	DRY	-	345.00	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/13/2013	NR	DRY	-	247.50	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/14/2013	NR	DRY	-	224.80	-	-		8.54	<0.5	<0.5	<0.5	4.72	13.3	2,450	1.23	-	-	-	-	-	-
	05/16/2013	NR	DRY	-	181.80	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/17/2013	NR	DRY	-	163.90	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/20/2013	NR	DRY	-	155.00	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	05/23/2013	NR	DRY	-	303.48	-	-		<0.5	<0.5	<0.5	<0.5	<1	<3	2,280	<0.5	15.9	77.4	80.5	1,390	-	-
	06/03/2013	NR	DRY	-	80.24	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/19/2013	NR	DRY	-	55.55	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/08/2013	NR	DRY	-	55.86	-	140		<2	<2	<2	<2	<4	<10	4,690	<2	37.7	80.5	176	1,240	1,370	93.9 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-amylnethyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
						5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	47	47

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

<# = Less than the method detection limit of #

µg/L = Micrograms per liter

2a = The RPD result exceeded the QC control limits for the duplicate, LCSD or MSD sample analyzed.

AA = Due to the dilution factor required by the concentration of the target analyte, the surrogate is not recoverable.

BTEX = Benzene, toluene, ethylbenzene, xylenes

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

DRY = No water for sampling

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

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

MTBE = Methyl Tertiary Butyl Ether

NA = Not Available or Not Analyzed for that specific compound

NR = Not Reported

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

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 Continuous Calibration Verification (CCV)

QL = This sample was analyzed at a dilution due to the matrix. Reporting limits were adjusted accordingly.

TPH-DRO = Total-petroleum hydrocarbons-diesel range organics

TPH-GRO = Total-petroleum hydrocarbons-gasoline range organics

V4 = Check standard was outside the QC range. Data accepted based on acceptable Laboratory Control Sampling (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-amy1 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	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
1506-RAY-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
1510-RAY-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
1523-RAY-INF	11/04/05	<0.5	<0.5	<0.5	<0.5	<2.0	0.6	<10	<0.5	<0.5	<0.5
1529-RAY-INF	02/09/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
1606-RAY-INF	11/03/05	<100	<100	<100	<100	<400	2,670	<2,000	<100	-	<100
	11/14/05	<100	<100	<100	<100	<400	2,250	<2,000	<100	-	<100
	03/13/06	<0.5	<0.7	<0.8	<0.8	<2.8	160	-	-	-	-
	04/20/06	<50	<50	<50	<50	<400	2,860	<1,000	57	-	<50
	05/12/06	6.4 J	<2	<2	6.2 J	12.6	3,800	740	95	<2	15
	06/14/06	7.8 J	<5	<5	6.3 J	14.1	3,200	740 J	77	<5	13 J
	07/18/06	13	0.1 J	<0.1	122.3	135.4	3,700	1,300	98	<0.1	20
	08/10/06	17	0.1 J	<0.1	162.9	180	5,600	1,200 J	150	0.2 J	22
	09/14/06	14	0.1 J	<0.1	152.6	166.7	5,100	1,000	140 J	0.2 J	25
	10/19/06	16	0.2 J	<0.1	162.1	178.3	5,900	1,500	160	0.2 J	22
	11/27/06	13	<0.5	<0.5	14	27	6,000	1,600	160	<0.5	<0.5
	12/21/06	9	<0.5	<0.5	10	19	4,900	1,400	120 J	<0.5	21
	01/18/07	<0.5	<0.5	<0.5	<1.0	<2.5	390	58 J	9.3	<0.5	2 J
	02/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	570	56	16	<0.1	7.9
	03/21/07	<1	<1	<1	<2.0	<5.0	1,800	89 J	34	<1	9.9
	04/23/07	<5	<5	<5	<10	<25	2,200	<250	41	<5	10 J
	05/24/07	<2.5	<2.5	<2.5	<5	<12.5	3,100	<130	48	<2.5	10 J
	06/19/07	<0.3	<0.3	<0.3	<0.5	<1.4	5,100	130	120	<0.3	21
	07/18/07	1.2 J	5.3	<0.3	0.8 J	7.3	6,300	440	120 J	<0.3	24
	08/07/07	2.4	<0.3	<0.3	2.5	4.9	5,800	650	140 J	<0.3	23
	09/10/07	2.9	<0.5	<0.5	2.7	5.6	6,700	1,100	150 J	<0.5	26
	10/10/07	4.3	<0.5	<0.5	3.5	7.8	7,400	1,300	160 J	<0.5	31
	11/05/07	4.0	<0.5	<0.5	3.1	7.1	10,000	1,200	150	<0.5	31
	12/05/07	5.4	<0.5	<0.5	4.3	9.7	7,900	1,500	180 J	<0.5	34
	01/17/08	6.4	<0.5	<0.5	6.1	12.5	7,600	1,000	240 J	<0.5	30
	02/20/08	6.8	<0.5	<0.5	5.8	12.6	9,900	1,800	190 J	<0.5	34
	03/20/08	5.6	<0.5	<0.5	4.2	9.8	8,100	1,700	220	<0.5	37
	04/22/08	<0.1	<0.1	<0.1	<0.1	<0.4	680	15 J	19	<0.1	3.8
	05/13/08	<0.1	<0.1	<0.1	<0.1	<0.4	110	<5	1.5	<0.1	0.8
	06/19/08	<0.1	<0.1	<0.1	<0.2	<0.5	100	<5	0.6	<0.1	1.7
	07/22/08	<2	<2	<2	<4	<10	5,900	210 J	110	<2	17
	08/13/08	<0.5	<0.5	<0.5	<1.0	<2.5	7,200	430	130 J	<0.5	21
	09/24/08	<5	<5	<5	<10	<25	8,500	1,100 J	170	<5	29
	10/16/08	<5	<5	<5	<10	<25	9,500	1,300	190	<5	30
	11/18/08	<5	<5	<5	<10	<25	9,800	1,600	190	<5	34
	12/16/08	<5	<5	<5	<10	<25	11,000	1,500	210	<5	34
	01/16/09	<5	<5	<5	<10	<25	5,000	320 J	97	<5	18 J
	02/09/09	<0.500	<0.500	<0.500	<0.500	<2.000	3,370	76.3	56.3	<0.500	12.3
	03/11/09	<0.500	<0.500	<0.500	<0.500	<2.000	3,570	82.8	39.7	<0.500	15.3
	04/24/09	<0.500	<0.500	<0.500	<0.500	<2.000	9,180	124	80.2	<0.500	18.8
	05/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	11,700	196	70.9	<0.500	17.1

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
1606-RAY-INF (cont.)	05/29/09	<0.500	<0.500	<0.500	<0.500	<2.000	2,080	71.6	19.5	<0.500	7.41
	06/15/09	<1.00	<1.00	<1.00	<1.00	<4.00	1,280	42.3	15.7	<1.00	10.3
	07/14/09	16.8	<0.5	<0.5	10.1	26.9	9,790	1,960	252	<0.5	51.4
	08/17/09	<0.500	<0.500	<0.500	<0.500	<2.000	5,610	878	95.8	<0.500	30.9
	09/21/09	0.620	<0.500	<0.500	<0.500	0.620	8,440	1,320	170	<0.500	32.1
	10/23/09	0.8	<0.500	<0.500	<0.500	0.8	10,900	1,240	212	<0.500	32.6
	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	656	5.92	8.56	<0.500	2.16
	12/17/09	<0.500	<0.500	<0.500	<0.500	<2.000	26.3	<2.50	<0.500	<0.500	0.61
	01/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	86	<2.50	<0.500	<0.500	2.45
	02/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	3,490	17.1	45.9	<0.500	8.97
	03/18/10	<0.500	<0.500	<0.500	<0.500	<2.000	398	<2.50	3.99	<0.500	2.46
	04/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	4,900	<2.50	62.5	<0.500	13.2
	05/17/10	<0.500	<0.500	<0.500	<0.500	<2.000	4,490	2,060	50.1	<0.500	15.4
	06/14/10	<0.500	<0.500	<0.500	<0.500	<2.000	4,960	351	64	<0.500	15.7
	07/21/10	1.08	59.9	<0.500	0.600	61,580	5,260	349	56.3	<0.500	15.8
	08/18/10	<0.500	3.52	<0.500	<0.500	3.52	8,990	592	79.8	<0.500	19.2
	09/24/10	<0.500	0.600	<0.500	<0.500	0.6	5,290	1,300	72.2	<0.500	21.1
	10/15/10	<0.500	0.780	<0.500	<0.500	0.78	4,840	712	89.3	<0.500	19.7
	11/12/10	0.830	1.37	<0.500	0.550	2.200	8,030	2,620	286	<0.500	26.8
	12/15/10	1.39	0.740	<0.500	0.67	2,800	14,800	1,630	158	<0.500	22.7
	01/20/11	<0.500	<0.500	<0.500	<0.500	<2.000	8,510	1,180	132	<0.500	26.7
	02/14/11	<0.500	<0.500	<0.500	0.760	0.760	10,300	2,510	232	<0.500	<0.500
	03/18/11	<0.500	<0.500	<0.500	<0.500	<2.000	306	<2.50	7.40	<0.500	1.13
	04/19/11	<0.500	<0.500	<0.500	<0.500	<2.000	32.7	<2.50	<0.500	<0.500	<0.500
	05/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	11.3	<2.50	<0.500	<0.500	<0.500
	06/24/11	<0.50	<0.50	<0.50	<0.50	<2.00	918	24.6	12.8	<0.50	4.48
	07/19/11	<0.50	<0.50	<0.50	<0.50	<2.00	1,170	68.7	28.1	<0.50	5.99
	08/23/11	<0.50	<0.50	<0.50	<0.50	<2.00	1,830	98.2	33.8	<0.5	6.79
	09/29/11	<0.50	<0.50	<0.50	<0.50	<2.00	165	7.75	2.13	<0.50	<0.50
	10/20/11	<0.50	<0.50	<0.50	<0.50	<2.00	1,150	13.9	17.5	<0.50	4.10
	11/21/11	<0.50	<0.50	<0.50	<0.50	<2.00	986	15.5	19.8	<0.50	4.12
	12/19/11	<0.50	<0.50	<0.50	<0.50	<2.00	8.3	<2.50	<0.50	<0.50	<0.50
	01/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	5.89	<2.50	<0.50	<0.50	0.54
	02/23/12	<0.50	<0.50	<0.50	<0.50	<2.00	3.15	<2.50	<0.50	<0.50	<0.50
	03/23/12	<0.50	<0.50	<0.50	<0.50	<2.00	6.27	<2.50	<0.50	<0.50	<0.50
	04/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	5.43	<2.50	<0.50	<0.50	<0.50
	05/17/12	<0.50	<0.50	<0.50	<0.50	<2.00	61.7	<2.50	<0.50	<0.50	1.27
	06/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	203	5.14	1.71	<0.50	<0.50
	07/25/12	<0.50	<0.50	<0.50	<0.50	<2.00	414	23	4.86	<0.5	3.02
	08/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	364	28.8	7.95	<0.500	3.21
	09/24/12	<0.500	<0.500	<0.500	<0.500	<2.000	350 QK	29.9	6.91	<0.500	1.85
	10/24/12	<0.500	<0.500	<0.500	<0.500	<2.000	496	39.4	14.4	<0.500	<0.500
	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	10.1	<2.50	<0.500	<0.500	<0.500
	12/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	7.17	<2.50	<0.500	<0.500	<0.500
	01/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	13.8	<2.50	<0.500	<0.500	<0.500
	02/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	6.20	<2.50	<0.500	<0.500	<0.500
	03/26/13	<0.500	<0.500	<0.500	<0.500	<2.000	1.58	<2.50	<0.500	<0.500	<0.500
	04/23/13	<0.500	<0.500	<0.500	<0.500	<2.000	0.630	<2.50	<0.500	<0.500	<0.500
	05/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	4.48	<2.50	<0.500	<0.500	<0.500
	06/27/13	<0.500	<0.500	<0.500	<0.500	<2.000	35.7	<2.50	<0.500	<0.500	<0.500
	07/25/13	<0.500	<0.500	<0.500	<0.500	<2.000	28.3	<2.50	<0.500	<0.500	0.940

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 (cont.)	08/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	32.1	<2.50	<0.500	<0.500	0.720
	09/20/13	<0.500	<0.500	<0.500	<0.500	<2.000	30.8	<2.50	<0.500	<0.500	0.630
	10/23/13	<0.500	<0.500	<0.500	<1.00	<2.50	15.6	<2.50	<0.500	<0.500	0.560
	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.50	7.76	<2.50	<0.500	<0.500	<0.500
	12/06/13	<0.500	<0.500	<0.500	<1.00	<2.50	16.9	<2.50	<0.500	<0.500	0.57
	01/06/14	<0.500	<0.500	<0.500	<1.00	<2.500	1.5	<2.50	<0.500	<0.500	<0.500
	02/27/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
	03/11/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
	04/21/14	<0.500	<0.500	<0.500	<1.00	<2.500	0.76	<2.50	<0.500	<0.500	<0.500
	05/08/14	<0.500	<0.500	<0.500	<1.00	<2.500	0.86	<2.50	<0.500	<0.500	<0.500
1608-RAY-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	851	18	22	-	4.4
	11/14/05	<25	<25	<25	<25	<100	900	<500	<25	-	<25
	03/13/06	3 J	<0.7	<0.8	2 J	5	1,400	-	-	-	-
	04/20/06	<25	<25	<25	<25	<100	1,500	<500	35	-	<25
	05/12/06	<1	<1	<1	<2	<5.0	1,600	120 J	44	<1	6.2
	06/14/06	2.6 J	<2.5	<2.5	<5	2.6	1,400	200 J	38	<2.5	6 J
	07/18/06	5	<0.1	<0.1	4.2	9.2	1,500	340	47	<0.1	8.7
	08/10/06	7.4	<0.1	<0.1	7.2	14.6	2,300	370	65	<0.1	9.2
	09/14/06	6.1	<0.1	<0.1	6.3	12.4	2,100	390	63	<0.1	10
	10/19/06	8.8	<0.1	<0.1	8.6	17.4	2,500	390	67	<0.1	12
	11/27/06	8.9	<0.5	<0.5	8.9	17.8	2,300	540	69	<0.5	10
	12/21/06	4.7	<0.3	<0.3	5	9.7	2,300	520	64 J	<0.3	11
	01/18/07	10	<0.5	<0.5	9.4	19.4	2,800	640	79	<0.5	12
	02/27/07	13	<0.5	<0.5	9.7	22.7	3,300	930	110	<0.5	19
	03/21/07	10 J	<2.5	<2.5	6.4 J	16.4	4,800	1,000	95	<2.5	16
	04/23/07	11 J	<5	<5	6.9 J	17.9	3,700	1,300	97	<5	16 J
	05/24/07	9.5 J	<5	<5	5.3 J	14.8	4,300	1,100 J	91	<5	16 J
	06/19/07	12	<0.3	<0.3	9.3	21.3	5,200	1,000	130	<0.3	22
	07/18/07	12	<0.3	<0.3	8.3	20.3	6,600	1,100	150 J	<0.3	22
	08/07/07	9.9	<0.3	<0.3	8.6	18.5	4,600	940	130 J	<0.3	19
	09/10/07	14	<0.5	<0.5	10	24	4,800	1,300	120 J	<0.5	24
	10/10/07	11	<0.5	<0.5	7.5	18.5	5,200	1,100	130 J	<0.5	24
	11/05/07	9.9	<0.5	<0.5	6.9	16.8	5,100	900	120	<0.5	23
	12/05/07	12	<0.5	<0.5	7.8	19.8	5,300	1,400	110 J	<0.5	27
	01/17/08	8.3	<0.5	<0.5	6.9	15.2	6,600	740	230 J	<0.5	20
	02/20/08	9.4	<0.5	<0.5	6.6	16	6,100	1,200	130 J	<0.5	22
	03/20/08	11	<0.5	<0.5	6.6	17.6	5,200	1,200	120	<0.5	26
	04/22/08	14	<0.5	<0.5	10	24	6,000	1,400	140 J	<0.5	29
	05/13/08	17 J	<5	<5	11 J	28	6,900	1,200 J	200	<0.5	26
	06/19/08	11 J	<10	<10	<20	11	6,900	1,700 J	150	<10	23 J
	07/22/08	14 J	<5	<5	7.0 J	21	7,600	1,500	200	<5	33
	08/13/08	12	<0.5	<0.5	9.3	21.3	7,500	1,400	170 J	<0.5	27
	09/24/08	14 J	<5	<5	8.7 J	22.7	8,000	1,700	200	<5	34
	10/16/08	15 J	<5	<5	11 J	26	9,100	1,600	220	<5	33
	11/18/08	13 J	<5	<5	6.6 J	19.6	8,500	1,700	200	<5	37
	12/16/08	13 J	<5.0	<5.0	7.2 J	20.2	9,500	1,600	220	<5.0	37
	01/16/09	17 J	<5	<5	9.2 J	26.2	9,700	2,000	230	<5	40
	02/09/09	18.9	<0.500	<0.500	13.0	31.90	11,600	2,160	268	<0.500	44.9
	03/11/09	20.1	<0.500	<0.500	11.1	31.20	11,800	2,490	220	<0.500	53.8
	04/24/09	16.3	<0.500	<0.500	10.9	27.20	21,200	3,390	418	<0.500	44.4
	05/18/09	22.1	<0.500	<0.500	14.2	36.30	25,200	11,900	1,130	<0.500	61.2
	06/15/09	27.0	<1.00	<1.00	17.9	44.9	10,700	3,100	260	<1.00	66.9

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 (cont.)	07/14/09	1.69	<0.500	<0.500	1.28	2.97	6,540	857	126	<0.500	28.0
	08/17/09	1.03	<0.500	<0.500	1.97	3.00	6,050	1,070	119	<0.500	39.9
	09/21/09	11.0	<0.500	<0.500	6.99	17.99	8,330	2,460	253	<0.500	42.4
	10/23/09	9.33	<0.500	<0.500	6.22	15.55	11,800	1,490	299	<0.500	40.6
	11/23/09	16.8	<0.500	<0.500	11.2	28.00	13,700	1,450	338	<0.500	38.5
	12/17/09	13.5	<0.500	<0.500	8.61	22.11	11,700	3,790	326	<0.500	45.2
	01/19/10	15.3	<0.500	<0.500	8.76	24.06	9,050	2,070	241	<0.500	40.1
	02/16/10	9.73	<0.500	<0.500	6.14	15.87	10,300	1,880	268	<0.500	29.4
	03/18/10	12	<0.500	<0.500	7.75	19.75	10,700	1,960	228	<0.500	39.2
	04/19/10	12.9	<0.500	<0.500	7.92	20.82	8,270	1,720	210	<0.500	41.4
	05/17/10	6.21	<0.500	<0.500	3.27	9.48	8,700	3,900	102	<0.500	29.1
	06/14/10	8.08	<0.500	<0.500	5.07	13.15	10,000	923	145	<0.500	33.4
	07/21/10	7.63	<0.500	<0.500	4.29	11.92	7,510	976	104	<0.500	27.2
	08/18/10	7.72	<0.500	<0.500	3.91	11.63	8,640	1,680	130	<0.500	30.2
	09/24/10	7.90	<0.500	<0.500	4.37	12.27	7,980	2,690	149	<0.500	35.6
	10/15/10	7.39	<0.500	<0.500	4.04	11.43	6,680	962	149	<0.500	31.4
	11/12/10	7.62	<0.500	<0.500	4.32	11.94	10,500	3,650	399	<0.500	36.9
	12/15/10	7.95	<0.500	<0.500	3.52	11.47	18,400	2,330	222	<0.500	32.3
	01/20/11	8.70	<0.500	<0.500	6.62	15.32	10,100	2,010	199	<0.500	37.6
	02/14/11	6.13	<0.500	<0.500	2.21	8.34	14,800	3,960	347	<0.500	30.0
	03/18/11	6.53	<0.500	<0.500	3.74	10.27	10,400	485	188	<0.500	19.3
	04/19/11	6.07	<0.500	<0.500	3.26	9.33	21,300	1,700	283	<0.500	43.1
	05/23/11	4.41	<0.500	<0.500	2.27	6.68	1,310 L1	488	149 L1	<0.500	<0.500
	06/24/11	4.41	<0.50	<0.50	2.36	6.77	6,580	1,790	179	<0.50	30.7
	07/19/11	1.83	<0.50	<0.50	1.46	3.29	6,680	1,550	132	<0.50	26.9
	08/23/11	2.27	<0.50	<0.50	0.96	3.23	6,010	2,570	276	<0.50	23.1
	09/29/11	4.00	<0.5	<0.5	2.02	6.02	6,170	3,110	130	<0.5	25.7
	10/20/11	2.93	<0.50	<0.50	1.05	3.98	9,320	1,780	190	<0.50	27.2
	11/21/11	4.40	<0.50	<0.50	2.51	6.91	6,390	1,570	178	<0.50	29.7
	12/19/11	4.83	<0.50	<0.50	2.54	7.37	5,180	1,460	87	<0.50	27.9
	01/26/12	2.23	<0.50	<0.50	1.09	3.32	6,060	1,170	82	<0.50	33.4
	02/23/12	2.05	<0.50	<0.50	1.35	3.4	5,380	1,480	248	<0.50	23.6
	03/23/12	2.09	<0.50	<0.50	0.84	2.93	815	852	64	<0.50	21.1
	04/26/12	3.38	<0.50	<0.50	1.47	4.85	5,840	1,460	93.8	<0.50	20.2
	05/17/12	2.36	<0.50	<0.50	0.82	3.18	3,320	507	76.1	<0.50	15.9
	06/26/12	2.37	<0.50	<0.50	1.48	3.85	2,020	1,170	96.1	<0.50	15.0
	07/25/12	4.33	<0.50	<0.50	1.86	6.19	7,890	3,280	120.0	<0.50	27.6
	08/28/12	3.38	<0.500	<0.500	2.08	5.46	4,750	1,310	79.9	<0.500	19.2
	09/24/12	2.20	<0.500	<0.500	1.32	3.52	1,590 QK	661 QK	50.6	<0.500	9.79
	10/24/12	2.73	<0.500	<0.500	1.59	4.32	4,120	1,210	129	<0.500	<0.500
	11/20/12	3.35	<0.500	<0.500	1.50	4.85	4,680	1,470	116	<0.500	26.9
	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
	01/22/13	2.92	<0.500	<0.500	2.02	4.94	4,770	1,410	132	<0.500	21.6
	02/13/13	3.73	<0.500	<0.500	1.94	5.67	2,900 QK	2,080 QK	133 QK	<0.500	30.1
	03/26/13	5.27	<0.500	<0.500	3.37	8.64	3,770 QK	1,760 QK	135 QK	<0.500	30.3
	04/23/13	3.09	<0.500	<0.500	1.83	4.92	4,630	2,360	94.3	<0.500	21.4
	05/21/13	<0.500	<0.500	<0.500	<0.500	<2,000	2,860 QK	1,270 QK	71.6	<0.500	22.3
	06/27/13	2.59	<0.500	<0.500	1.06	3.65	2,980	801	97	<0.500	20.8
	07/25/13	2.14	<0.500	<0.500	0.760	2.90	5,420	1,520	77.5	<0.500	21.6
	08/22/13	1.64	<0.500	<0.500	0.660	2.30	7,260	1,030	68.6	<0.500	14.9
	09/20/13	1.74	<0.500	<0.500	0.620	2.36	7,100	1,580	66.4	<0.500	15.2

Table 2

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

Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Tert-Butyl Alcohol ($\mu\text{g/L}$)	Tert-amy1 methyl ether ($\mu\text{g/L}$)	Ethyl tert-butyl ether ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)
		GW Clean-up Standards*	5	1,000	700	10,000	NA	20	NA	NA	NA
1608-RAY-INF (cont.)	10/23/13	2.11	<0.500	<0.500	1.050	3.16	2,950	688	68.3	<0.500	14.3
	11/13/13	1.75	<0.500	<0.500	<1.00	1.75	2,730	660	58.2	<0.500	11.7
1612-RAY-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	3.8	<10	<0.5	-	<0.5
	03/30/06	<0.1	<0.1	<0.1	<0.2	<0.5	3.7	<5	<0.1	<0.1	<0.1
	05/12/06	<0.1	<0.1	<0.1	<0.2	<0.5	4.4	<5	<0.1	<0.1	<0.1
	06/14/06	<0.1	<0.1	<0.1	<0.2	<0.5	3.8	<5	<0.1	<0.1	<0.1
	07/18/06	0.2 J	<0.1	<0.1	<0.2	0.2	4.7	<5	0.1 J	<0.1	<0.1
	08/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	6.2	<5	0.1 J	<0.1	<0.1
	09/14/06	<0.1	<0.1	<0.1	<0.2	<0.5	5.9	<5	0.1 J	<0.1	<0.1
	10/19/06	<0.1	<0.1	<0.1	<0.2	<0.5	5.9	<5	0.1 J	<0.1	<0.1
	11/27/06	<0.1	<0.1	<0.1	<0.2	<0.5	5.7	<5	0.1 J	<0.1	<0.1
	12/21/06	<0.1	<0.1	<0.1	<0.2	<0.5	5.6	<5	0.1 J	<0.1	<0.1
	01/18/07	<0.1	<0.1	<0.1	<0.2	<0.5	7.5	<5	0.2 J	<0.1	<0.1
	02/27/07	0.1 J	<0.1	<0.1	<0.2	0.1	7.4	<5	0.2 J	<0.1	<0.1
	03/21/07	<0.1	<0.1	<0.1	<0.2	<0.5	8.1	<5	0.2 J	<0.1	<0.1
	04/23/07	<0.1	<0.1	<0.1	<0.2	<0.5	11	<5	0.3 J	<0.1	0.1 J
	05/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	9.4	<5	0.2 J	<0.1	<0.1
	06/19/07	<0.1	<0.1	<0.1	<0.2	<0.5	9.3	<5	0.2 J	<0.1	<0.1
	07/18/07	<0.1	<0.1	<0.1	<0.2	<0.5	10	<5	0.2 J	<0.1	<0.1
	08/07/07	<0.1	<0.1	<0.1	<0.2	<0.5	8.8	<5	0.2 J	<0.1	<0.1
	09/10/07	<0.1	<0.1	<0.1	<0.2	<0.5	11	<5	0.3 J	<0.1	0.1 J
	10/10/07	<0.1	<0.1	<0.1	<0.2	<0.5	13	<5	0.3 J	<0.1	0.1 J
	11/05/07	<0.1	<0.1	<0.1	<0.2	<0.5	13	<5	0.4 J	<0.1	0.1 J
	12/05/07	<0.1	<0.1	<0.1	<0.2	<0.5	16	<5	0.4	<0.1	0.2
	01/17/08	<0.1	<0.1	<0.1	<0.1	<0.4	13	<5	0.5 J	<0.1	0.2 J
	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
	03/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	15	<5	0.4 J	<0.1	0.2 J
	04/22/08	<0.1	<0.1	<0.1	<0.1	<0.4	16	9.5 J	0.5	<0.1	0.2 J
	05/13/08	0.4 J	<0.1	<0.1	0.1 J	0.4	26	7.7 J	1.1	<0.1	0.3 J
	06/19/08	0.1 J	<0.1	<0.1	<0.2	0.1	13	<5	0.4 J	<0.1	0.2 J
	07/22/08	<0.1	<0.1	<0.1	<0.2	<0.5	15	<5	0.4 J	<0.1	0.2 J
	08/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	13	<5.0	0.3 J	<0.1	0.1 J
	09/24/08	<0.1	<0.1	<0.1	<0.2	<0.5	19	<5	0.6	<0.1	0.2 J
	10/16/08	<0.1	<0.1	<0.1	<0.2	<0.5	19	<5	0.7	<0.1	0.2 J
	11/18/08	<0.1	<0.1	<0.1	<0.2	<0.5	21	<5	0.6	<0.1	0.3 J
	12/16/08	<0.1	<0.1	<0.1	<0.2	<0.5	21	<5	0.7	<0.1	0.3 J
	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
	02/09/09	<0.500	<0.500	<0.500	<0.500	<2.000	21.2	<2.50	0.81	<0.500	<0.500
	03/11/09	<0.500	<0.500	<0.500	<0.500	<2.000	23.7	7.33	0.64	<0.500	<0.500
	04/24/09	<0.500	<0.500	<0.500	<0.500	<2.000	26.2	7.05	0.900	<0.500	<0.500
	05/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	50.2	26.6	2.25	<0.500	<0.500
	06/15/09	<1.00	<1.00	<1.00	<1.00	<4.00	32.6	<5.00	1.14	<1.00	<1.00
	07/14/09	<0.500	<0.500	<0.500	<0.500	<2.000	21.7	9.26	0.740	<0.500	<0.500
	08/17/09	AE	AE	AE	<0.500 AE	<2.000	17.4 AE	<2.50 AE	<0.500 AE	AE	<0.500 AE
	09/21/09	<0.500	<0.500	<0.500	<0.500	<2.000	25.9	4.14	0.960	<0.500	<0.500
	10/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	21.9	5.08	0.94	<0.500	<0.500
	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	25	9.09	1.04	<0.500	<0.500
	12/17/09	<0.500	<0.500	<0.500	<0.500	<2.000	23.2	6.05	0.82	<0.500	<0.500
	01/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	12.2	<2.50	<0.500	<0.500	<0.500
	02/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	13.2	<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 (cont.)	03/18/10	<0.500	<0.500	<0.500	<0.500	<2.000	19.8	<2.50	<0.500	<0.500	<0.500
	04/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	11.0	<2.50	<0.500	<0.500	<0.500
	05/17/10	<0.500	<0.500	<0.500	<0.500	<2.000	13.8	<2.50	<0.500	<0.500	<0.500
	06/14/10	<0.500	<0.500	<0.500	<0.500	<2.000	18.7	<2.50	0.610	<0.500	<0.500
	07/21/10	<0.500	<0.500	<0.500	<0.500	<2.000	22.2	<2.50	0.790	<0.500	<0.500
	08/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	27.9	7.80	0.920	<0.500	<0.500
	09/24/10	<0.500	<0.500	<0.500	<0.500	<2.000	27.7	<2.50	0.890	<0.500	<0.500
	10/15/10	<0.500	<0.500	<0.500	<0.500	<2.000	29.0	7.00	0.940	<0.500	<0.500
	11/12/10	<0.500	<0.500	<0.500	<0.500	<2.000	36.4	9.42	1.17	<0.500	0.530
	12/15/10	<0.500	<0.500	<0.500	<0.500	<2.000	38.2	4.48	1.06	<0.500	<0.500
	01/20/11	<0.500	<0.500	<0.500	<0.500	<2.000	28.0	<2.50	0.960	<0.500	<0.500
	02/14/11	<0.500	<0.500	<0.500	<0.500	<2.000	24.4	<2.50	0.930	<0.500	<0.500
	03/18/11	<0.500	<0.500	<0.500	<0.500	<2.000	26.6	<2.50	1.42	<0.500	<0.500
	04/19/11	0.620	<0.500	<0.500	<0.500	0.62	67.2	8.68	2.32	<0.500	<0.500
	05/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	30.6	<2.50	0.93	<0.500	<0.500
	06/24/11	<0.50	<0.50	<0.50	<0.50	<2.00	25.2	<2.50	0.76	<0.50	<0.50
	07/19/11	<0.50	<0.50	<0.50	<0.50	<2.00	40.2	<2.50	1.25	<0.50	<0.50
	08/23/11	<0.50	<0.50	<0.50	<0.50	<2.00	20.3	<2.50	<0.50	<0.50	<0.50
	09/29/11	<0.50	<0.50	<0.50	<0.50	<2.00	11.6	<2.50	<0.50	<0.50	<0.50
	10/20/11	<0.50	<0.50	<0.50	<0.50	<2.00	15.0	<2.50	<0.50	<0.50	<0.50
	11/21/11	<0.50	<0.50	<0.50	<0.50	<2.00	26.4	<2.50	0.85	<0.50	<0.50
	12/19/11	<0.50	<0.50	<0.50	<0.50	<2.00	17	4.11	<0.50	<0.50	<0.50
	01/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	17.6	<2.50	<0.50	<0.50	<0.50
	02/23/12	<0.50	<0.50	<0.50	<0.50	<2.00	18.4	5.32	0.6	<0.50	<0.50
	03/23/12	<0.50	<0.50	<0.50	<0.50	<2.00	15.7	<2.50	<0.50	<0.50	<0.50
	04/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	18.1	<2.50	<0.50	<0.50	<0.50
	05/17/12	<0.50	<0.50	<0.50	<0.50	<2.00	15.2	4.47	<0.50	<0.50	<0.50
	06/26/12	<0.50	<0.50	<0.50	<0.50	<2.00	19.0	4.73	<0.50	<0.50	<0.50
	07/25/12	<0.50	<0.50	<0.50	<0.50	<2.00	28.7	<2.50	<0.50	<0.50	<0.50
	08/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	15.4	<2.50	<0.500	<0.500	<0.500
	09/24/12	<0.500	<0.500	<0.500	<0.500	<2.000	7.65	<2.50	<0.500	<0.500	<0.500
	10/24/12	<0.500	<0.500	<0.500	<0.500	<2.000	18.8	<2.50	<0.500	<0.500	<0.500
	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	20.1	<2.50	0.620	<0.500	<0.500
	12/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	12.6	<2.50	<0.500	<0.500	<0.500
	01/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	18.1	<2.50	<0.500	<0.500	<0.500
	02/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	22.9	4.36	<0.500	<0.500	<0.500
	03/26/13	<0.500	<0.500	<0.500	<0.500	<2.000	12.9	<2.50	<0.500	<0.500	<0.500
	04/23/13	<0.500	<0.500	<0.500	<0.500	<2.000	8.25	<2.50	<0.500	<0.500	<0.500
	05/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	7.43	<2.50	<0.500	<0.500	<0.500
	06/27/13	<0.500	<0.500	<0.500	<0.500	<2.000	9.48	<2.50	<0.500	<0.500	<0.500
	07/25/13	<0.500	<0.500	<0.500	<0.500	<2.000	10.4	<2.50	<0.500	<0.500	<0.500
	08/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	9.77	<2.50	<0.500	<0.500	<0.500
	09/20/13	<0.500	<0.500	<0.500	<0.500	<2.000	8.86	<2.50	<0.500	<0.500	<0.500
	10/23/13	<0.500	<0.500	<0.500	<1.00	<2.50	7.96	<2.50	<0.500	<0.500	<0.500
	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.50	6.24	<2.50	<0.500	<0.500	<0.500
	12/06/13	<0.500	<0.500	<0.500	<1.00	<2.50	5.27	<2.50	<0.500	<0.500	<0.500
	02/27/14	<0.500	<0.500	<0.500	<1.00	<2.50	12.9	<2.50	<0.500	<0.500	<0.500
1614-RAY-INF	03/13/06	0.1 J	<0.1	<0.1	0.1 J	0.2	3.8	<5	0.2 J	<0.1	<0.1
	05/12/06	0.1 J	<0.1	<0.1	0.2 J	0.3	4.1	<5	0.3 J	<0.1	<0.1
	08/10/06	<0.1	<0.1	<0.1	0.1 J	0.1	4.1	<5	0.2 J	<0.1	<0.1

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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-amy1 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
1614-RAY-INF (cont.)	02/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	2.6	<5	0.2 J	<0.1	<0.1
	05/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	3	<5	0.1 J	<0.1	<0.1
	08/08/07	<0.5	<0.5	<0.5	<0.5	<2.0	2.6	<25	<0.5	<0.5	<0.5
	11/07/07	<0.1	<0.1	<0.1	<0.2	<0.5	2.3	<5	0.1 J	<0.1	<0.1
	02/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	2.2	<5	0.1 J	<0.1	<0.1
	05/14/08	<0.1	<0.1	<0.1	<0.1	<0.4	2	<5	0.1 J	<0.1	<0.1
	08/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.5	<5.0	<0.1	<0.1	<0.1
	11/21/08	<0.1	<0.1	<0.1	<0.2	<0.5	2.0	<5	<0.1	<0.1	<0.1
	02/09/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.37	<2.50	<0.500	<0.500	<0.500
	05/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	2.37	<2.50	<0.500	<0.500	<0.500
	08/17/09	<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
	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	0.950	<2.50	<0.500	<0.500	<0.500
	02/17/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.02	<2.50	<0.500	<0.500	<0.500
	05/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.95	<2.50	<0.500	<0.500	<0.500
	08/27/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/12/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.00 D1	<2.50	<0.500	<0.500	<0.500
	02/16/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/26/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.70	<2.50	<0.500	<0.500	<0.500
	08/24/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/20/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.45	<2.50	<0.500	<0.500	<0.500
	02/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	1.07	<2.50	<0.500	<0.500	<0.500
	05/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
	05/09/14	<0.500	<0.500	<0.500	<1.00	<2.500	0.87	<2.50	<0.500	<0.500	<0.500
1616-RAY-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	1.8	<10	<0.5	-	<0.5
	03/13/06	<0.1	<0.1	<0.1	<0.2	<0.5	2.3	<5	<0.1	<0.1	<0.1
	08/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	1.9	<5	<0.1	<0.1	<0.1
	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	1.4	<5	<0.1	<0.1	<0.1
	02/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.8	<5	<0.1	<0.1	<0.1
	05/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	2	<5	<0.1	<0.1	<0.1
	08/07/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.3	<5	<0.1	<0.1	<0.1
	11/05/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.3	<5	<0.1	<0.1	<0.1
	02/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.3	<5	<0.1	<0.1	<0.1
	05/13/08	<0.1	<0.1	<0.1	<0.1	<0.4	2	<5	<0.1	<0.1	<0.1
	08/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.6	<5.0	<0.1	<0.1	<0.1
	11/18/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.7	<5	<0.1	<0.1	<0.1
	02/09/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.75	<2.50	<0.500	<0.500	<0.500
	05/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	2.81	<2.50	<0.500	<0.500	<0.500
	08/17/09	<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
	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.27	<2.50	<0.500	<0.500	<0.500
	02/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.47	<2.50	<0.500	<0.500	<0.500
	05/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.41	<2.50	<0.500	<0.500	<0.500
	08/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.33	<2.50	<0.500	<0.500	<0.500
	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.15	<2.50	<0.500	<0.500	<0.500
	02/15/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.31	<2.50	<0.500	<0.500	<0.500
	05/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.88	<2.50	<0.500	<0.500	<0.500
	08/23/11	<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
1616-RAY-INF (cont.)	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.47	<2.50	<0.500	<0.500	<0.500
	02/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	1.25	<2.50	<0.500	<0.500	<0.500
	05/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	0.720	<2.50	<0.500	<0.500	<0.500
	08/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	0.990	<2.50	<0.500	<0.500	<0.500
	02/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	1.09	<2.50	<0.500	<0.500	<0.500
	06/27/13	<0.500	<0.500	<0.500	<0.500	<2.000	0.68	<2.50	<0.500	<0.500	<0.500
	08/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	0.72	<2.50	<0.500	<0.500	<0.500
	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
	02/27/14	<0.500	<0.500	<0.500	<1.00	<2.500	0.5	<2.50	<0.500	<0.500	<0.500
1620-RAY-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	2.3	<10	<0.5	-	<0.5
	03/13/06	<0.1	<0.1	<0.1	<0.2	<0.5	1.1	<5	<0.1	<0.1	<0.1
	08/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	2.3	<5	<0.1	<0.1	<0.1
	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	1.6	<5	<0.1	<0.1	<0.1
	02/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.9	<5	<0.1	<0.1	<0.1
	05/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.2	<5	<0.1	<0.1	<0.1
	08/07/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.2	<5	<0.1	<0.1	<0.1
	11/05/07	<0.1	<0.1	<0.1	<0.2	<0.5	1.4	<5	<0.1	<0.1	<0.1
	02/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.6	<5	<0.1	<0.1	<0.1
	05/13/08	<0.1	<0.1	<0.1	<0.1	<0.4	1.4	<5	<0.1	<0.1	<0.1
	08/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.0	<5.0	<0.1	<0.1	<0.1
	11/18/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.1	<5	<0.1	<0.1	<0.1
	02/09/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.17	<2.50	<0.500	<0.500	<0.500
	05/18/09	<0.500	<0.500	<0.500	<0.500	<2.000	1.88	<2.50	<0.500	<0.500	<0.500
	08/17/09	<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
	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	0.710	<2.50	<0.500	<0.500	<0.500
	02/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	0.61	<2.50	<0.500	<0.500	<0.500
	05/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	0.950	<2.50	<0.500	<0.500	<0.500
	02/15/11	<0.500	<0.500	<0.500	<0.500	<2.000	0.780	<2.50	<0.500	<0.500	<0.500
	05/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/14/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
	05/08/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
1624-RAY-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	0.7	<10	<0.5	-	<0.5
	03/13/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.6	<5	<0.1	<0.1	<0.1
	08/24/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.7	<5	<0.1	<0.1	<0.1
	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.8	<5	<0.1	<0.1	<0.1
	05/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.7	<5	<0.1	<0.1	<0.1
	08/07/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.7	<5	<0.1	<0.1	<0.1
	11/05/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.9	<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-amy1 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
1624-RAY-INF (cont.)	02/20/08	<0.1	3.6	<0.1	<0.2	3.6	1.7	<5	0.1 J	<0.1	<0.1
	05/13/08	<0.1	<0.1	<0.1	<0.1	<0.4	1.8	<5	0.2 J	<0.1	<0.1
	08/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.8	<5	<0.1	<0.1	<0.1
	11/18/08	<0.1	<0.1	<0.1	<0.2	<0.5	1.1	<5	<0.1	<0.1	<0.1
	02/09/09	<0.500	<0.500	<0.500	<0.500	<2,000	1.23	<2.50	<0.500	<0.500	<0.500
	05/18/09	<0.500	<0.500	<0.500	<0.500	<2,000	1.68	<2.50	<0.500	<0.500	<0.500
	08/17/09	<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
	11/23/09	<0.500	<0.500	<0.500	<0.500	<2,000	0.880	<2.50	<0.500	<0.500	<0.500
	02/16/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/19/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/19/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/11/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/15/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/23/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/23/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/21/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/23/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/17/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/28/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/13/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/22/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/14/13	<0.500	<0.500	<0.500	<1.00	<2,500	<0.500	<2.50	<0.500	<0.500	<0.500
	05/08/14	<0.500	<0.500	<0.500	<1.00	<2,500	<0.500	<2.50	<0.500	<0.500	<0.500
1717-RAY-INF	07/21/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/11/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/27/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/22/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/17/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/13/13	<0.500	<0.500	<0.500	<1.00	<2,500	<0.500	<2.50	<0.500	<0.500	<0.500
	05/08/14	<0.500	<0.500	<0.500	<1.00	<2,500	<0.500	<2.50	<0.500	<0.500	<0.500
9-ELLE-INF	11/09/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
2-HNDK-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
3-HNDK-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	1.5	<10	<0.5	<0.5	<0.5
4-HNDK-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
1801-LAUR-INF	11/03/05	<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
	02/11/09	<0.500	<0.500	<0.500	<0.500	<2,000	1.32	<2.50	<0.500	<0.500	<0.500
	05/27/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	03/23/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/17/12	<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-amy1 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
19119-MDTN-INF (cont.)	11/19/12	<0.500	69.8	<0.500	<0.500	69.8	<0.500	<2.50	<0.500	<0.500	<0.500
	01/29/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
	05/09/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19124-MDTN-INF	03/13/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.9	<5	<0.1	<0.1	<0.1
	02/12/09	<0.500	<0.500	<0.500	<0.500	<2.000	0.74	<2.50	<0.500	<0.500	<0.500
	11/21/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/18/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
	05/08/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19201-MDTN-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
	01/28/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	02/10/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	12/15/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/25/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
	05/06/14	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
	11/21/13	<0.500	<0.500	<0.500	<1.00	<2.500	<0.500	<2.50	<0.500	<0.500	<0.500
19205-MDTN-INF	11/02/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	02/11/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	12/15/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/25/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	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
	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	01/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	12/20/13	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500
	05/08/14	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<2.50	<0.500	<0.500	<0.500
19223-MDTN-INF	12/01/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
	02/09/09	<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-amy1 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
19229-MDTN-INF	11/03/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	-	<0.5
19235-MDTN-INF	11/03/05	<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	11/03/05 08/24/06	<0.5 <0.1	<0.5 <0.1	<0.5 <0.1	<0.5 <0.2	<2.0 <0.5	<0.5 J 0.3 J	<10 <5	<0.5 <0.1	- <0.1	<0.5 <0.1
19328-RICH-INF	11/03/05	<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	08/10/06 12/20/07 02/10/09 01/19/10 06/14/10 11/11/10 05/23/11 11/21/11 05/18/12 11/19/12 05/22/13 11/14/13	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.2 <0.2 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <1.00	<0.5 <0.5 <2.000 <2.000 <2.000 <2.000 <2.000 <2.000 <2.000 <2.000 <2.000 <2.500	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<5 <5 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500
19203-SHAN-INF	09/13/06 12/20/07 02/09/09 01/19/10 05/19/10 11/11/10 05/23/11 11/21/11 05/17/12 11/19/12 05/21/13 11/14/13	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.2 <0.2 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.5 <0.5 <2.000 <2.000 <2.000 <2.000 <2.000 <2.000 <2.000 <2.000 <2.000 <2.000 <2.500	0.1 J <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<5 <5 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50 <2.50	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500	<0.1 <0.1 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500 <0.500
19205-SHAN-INF	11/15/05 12/20/07 02/09/09 03/24/10 05/19/10 11/11/10 05/25/11	<0.5 <0.1 <0.500 <1.00 <0.500 <0.500 <0.500	<0.5 <0.1 <0.500 <1.00 <0.500 <0.500 <0.500	<0.5 <0.1 <0.500 <1.00 <0.500 <0.500 <0.500	<0.5 <0.2 <0.500 <1.00 <0.500 <0.500 <0.500	<2.0 <0.5 <2.000 <4.00 <2.000 <2.000 <2.000	1.4 0.7 <0.500 <1.00 <0.500 <0.500 <0.500	<10 <5 <2.50 <5.00 <2.50 <2.50 <2.50	<0.5 <0.1 <0.500 <1.00 <0.500 <0.500 <0.500	- <0.1 <0.500 <1.00 <0.500 <0.500 <0.500 <0.500	<0.5 <0.1 <0.500 <1.00 <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-amy1 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 (cont.)	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/18/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	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	11/02/05	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<10	<0.5	<0.5	<0.5
	12/05/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	02/09/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	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	08/29/06	<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
	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	<5	<0.1	<0.1	<0.1
	02/11/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/23/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/17/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/24/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/22/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/17/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.5	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	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	11/08/05	<0.5	<0.5	<0.5	<0.5	<2.0	0.8	<10	<0.5	-	<0.5
	12/20/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	02/09/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/24/09	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/19/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/21/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/18/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/21/13	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/21/13	<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-amy1 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	08/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	12/05/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	02/12/09	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	01/19/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/19/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/25/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/23/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/17/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/19/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/21/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	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	08/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	7.5	<5	0.2 J	<0.1	<0.1
	11/27/06	<0.1	<0.1	<0.1	<0.2	<0.5	5	<5	0.2 J	<0.1	<0.1
	02/10/09	<0.500	<0.500	<0.500	<0.500	<2,000	3.27	<2.50	<0.500	<0.500	<0.500
	05/19/10	<0.500	<0.500	<0.500	<0.500	<2,000	0.8	<2.50	<0.500	<0.500	<0.500
	12/15/10	<0.500	<0.500	<0.500	<0.500	<2,000	0.790	<2.50	<0.500	<0.500	<0.500
	11/21/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/13/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/21/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/21/13	<0.500	<0.500	<0.500	<1.00	<2,500	<0.500	<2.50	<0.500	<0.500	<0.500
	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	11/02/05	<0.5	<0.5	<0.5	<0.5	<2.0	0.7	<10	<0.5	<0.5	<0.5
	01/25/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	<5	<0.1	<0.1	<0.1
	02/09/09	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	01/19/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	06/23/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/12/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	03/18/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/24/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/21/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/18/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	01/29/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/21/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	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**	09/15/05	<0.1	<0.1	<0.1	<0.2	<0.5	0.5 J	-	-	-	-
	03/31/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.4 J	<5	<0.1	<0.1	<0.1
	05/12/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	08/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	<5	<0.1	<0.1	<0.1
PW01-INF	05/12/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	08/10/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.2 J	<5	<0.1	<0.1	<0.1
	08/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.3 J	<5	<0.1	<0.1	<0.1
	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	0.3 J	<5	<0.1	<0.1	<0.1
	02/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.3 J	<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
PW01-INF (cont.)	05/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.8	<5	<0.1	<0.1	<0.1
	08/07/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.9	<5	<0.1	<0.1	<0.1
	11/05/07	<0.1	<0.1	<0.1	<0.2	<0.5	0.6	<5	<0.1	<0.1	<0.1
	02/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.5 J	<5	<0.1	<0.1	<0.1
	05/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.3 J	<5	<0.1	<0.1	<0.1
	08/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.5	<5	<0.1	<0.1	<0.1
	11/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	0.9	<5	<0.1	<0.1	<0.1
	02/09/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
	05/19/09	<0.5	<0.5	<0.5	<0.5	<2.0	1.3	<2.5	<0.5	<0.5	<0.5
	08/17/09	<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
	11/24/09	<0.5	<0.5	<0.5	<0.5	<2.0	0.720	<2.5	<0.5	<0.5	<0.5
	02/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/18/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/26/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/11/10	<0.500	<0.500	<0.500	<0.500	<2.000	1.23	<2.50	<0.500	<0.500	<0.500
	02/15/11	<0.500	<0.500	<0.500	<0.500	<2.000	0.960	<2.50	<0.500	<0.500	<0.500
	05/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.56	<2.50	<0.500	<0.500	<0.500
	08/23/11	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/22/11	<0.500	<0.500	<0.500	<0.500	<2.000	1.48	<2.50	<0.500	<0.500	<0.500
	02/23/12	<0.500	<0.500	<0.500	<0.500	<2.000	1.16	<2.50	<0.500	<0.500	<0.500
	05/18/12	<0.500	3.27	<0.500	<0.500	3.27	0.820	<2.50	<0.500	<0.500	<0.500
	08/28/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/20/12	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/13/13	<0.500	<0.500	<0.500	<0.500	<2.000	2.02	<2.50	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	1.31	<2.50	<0.500	<0.500	<0.500
	08/22/13	<0.500	<0.500	<0.500	<0.500	<2.000	1.37	<2.50	<0.500	<0.500	<0.500
	11/13/13	<0.500	<0.500	<0.500	<1.00	<2.500	1.90	<2.50	<0.500	<0.500	<0.500
	02/27/14	<0.500	<0.500	<0.500	<1.00	<2.500	1.02	<2.50	<0.500	<0.500	<0.500
PW02-INF	08/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	11/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	02/27/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	05/24/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	08/07/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	11/05/07	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	02/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	05/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	08/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	11/20/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	02/09/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
	05/19/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
	08/17/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
	11/24/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
	02/16/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/18/10	<0.500	<0.500	<0.500	<0.500	<2.000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/26/10	<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
PW02-INF (cont.)	11/11/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/15/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/23/11	<0.500	<0.500	<0.500	<0.500	<2,000	1.11	<2.50	<0.500	<0.500	<0.500
	08/23/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/22/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/23/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/18/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/28/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/20/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/13/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/22/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/13/13	<0.500	<0.500	<0.500	<1.00	<2,500	0.89	<2.50	<0.500	<0.500	<0.500
	02/27/14	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
PW03-INF	08/29/06	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	05/13/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	08/14/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	11/21/08	<0.1	<0.1	<0.1	<0.2	<0.5	<0.1	<5	<0.1	<0.1	<0.1
	02/09/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
	05/18/09	<0.5	<0.5	<0.5	<0.5	<2.0	0.72	<2.5	<0.5	<0.5	<0.5
	08/17/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
	11/23/09	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<2.5	<0.5	<0.5	<0.5
	02/16/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/18/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/26/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/11/10	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/16/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/23/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/23/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/22/11	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/23/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/18/12	<0.500	3.11	<0.500	<0.500	3.11	<0.500	<2.50	<0.500	<0.500	<0.500
	08/28/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/20/12	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	02/13/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	05/22/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	08/22/13	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500
	11/13/13	<0.500	<5.00	<0.500	<1.00	<2,500	<0.500	<2.50	<0.500	<0.500	<0.500
	02/27/14	<0.500	<0.500	<0.500	<0.500	<2,000	<0.500	<2.50	<0.500	<0.500	<0.500

* 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

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

Table 2

HISTORICAL POTABLE WELL DATA SUMMARY

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

Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Tert-Butyl Alcohol ($\mu\text{g/L}$)	Tert-amyl methyl ether ($\mu\text{g/L}$)	Ethyl tert-butyl ether ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)
GW Clean-up Standards*	5	1,000	700	10,000	NA	20	NA	NA	NA	NA	NA

- 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.
 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

SYSTEM ANALYTICAL DATA SUMMARY

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

Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Naphthalene ($\mu\text{g/L}$)	tert-Butyl Alcohol ($\mu\text{g/L}$)	1,2-Dichloroethane ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)	tert-amy1 alcohol ($\mu\text{g/L}$)	tert-amy1 methyl ether ($\mu\text{g/L}$)	TPH-GRO ($\mu\text{g/L}$)	TPH-DRO ($\mu\text{g/L}$)
<i>Discharge Limit ($\mu\text{g/L}$)</i>		2.5	50	50	50	10	1.4	NL	2.5	NL	NL	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	54.8	64.1	138	<150
	12/02/2011	0.56	<0.5	<0.5	1.22	1.8	1,410	<0.5	1,040	<0.5	6.26	34.4	28.9	492	<152
	12/09/2011	0.7	<0.5	<0.5	<1	1	1,570	<0.5	956	<0.5	8.33	47.3	41	628	<150
	12/13/2011	<0.5	<0.5	<0.5	<1	<3	1,870	<0.5	966	<0.5	10.4	38.8	49.1	589	<150
	12/15/2011	0.52	<0.5	<0.5	<1	1	1,460	<0.5	1,000	<0.5	9.63	27.9	26.6	577	<150
	12/19/2011	<0.5	<0.5	<0.5	<1	<3	1,440	<0.5	1,040	<0.5	9.79	31.6	25.3	635	<152
	12/22/2011	<0.5	<0.5	<0.5	<1	<3	1,160	<0.5	791	<0.5	8.87	29.2	22	621	<151
	12/29/2011	<1	<1	<1	<1	<4	3,040	<1	1,900	<1	11.3	<5	21.8	395	<153
	01/03/2012	<0.5	<0.5	<0.5	<1	<3	1,100	<0.5	599	<0.5	7.15	22.4	17 12G	453	<152
	01/09/2012	<0.5	<0.5	<0.5	<1	<3	978	<0.5	561	<0.5	6.32	17.6	16.4	476	<150
	01/16/2012	<0.5	<0.5	<0.5	<1	<3	816	<0.5	592	<0.5	8.2	16.7	15.7	465	<152
	01/24/2012	<0.5	<0.5	<0.5	<1	<3	1,050	<0.5	411	<0.5	6.44	14.2	15.5 12G	645	<152
	01/31/2012	<0.5	<0.5	<0.5	<1	<3	840	<0.5	383	<0.5	6.1	14.9	19.6	619	<152
	02/08/2012	<0.5	<0.5	<0.5	<1	<3	642	<0.5	178	<0.5	3.72	8.71	18.8	441	<151
	02/15/2012	<0.5	<0.5	<0.5	<1	<3	848	<0.5	148	<0.5	3.54	8.97	17.9	484	<151
	02/22/2012	<0.5	<0.5	<0.5	<1	<3	824	<0.5	141 VH	<0.5	4.99	4.03	17.6	406	<153
	02/27/2012	<0.5	<0.5	<0.5	<1	<3	872	<0.5	172	<0.5	6.81	7.61	23.5	442	<152
	03/07/2012	<0.5	<0.5	<0.5	<1	<3	1,040	<0.5	162	<0.5	5.41	<2.5	20.6	412	<154
	03/27/2012	<0.5	<0.5	<0.5	<1	<3	340 QK	<0.5	87.4	<0.5	4.63	<2.5	6.16	148	<150
	04/06/2012	<0.500	<0.500	<0.500	<1.00	<2.50	451 QK	<0.500	138 VH	<0.500	6.62	<2.50	13.8	166	<153
	04/16/2012	<0.5	<0.5	<0.5	<1	<3	412	<0.5	59	<0.5	4.05	<2.5	8.59	204	<152
	05/01/2012	<0.5	<0.5	<0.5	<1	<3	363	<0.5	126	<0.5	3.47	<2.5	9.5	234	<151
	05/15/2012	<0.5	<0.5	<0.5	<1	<3	366	<0.5	59.9 VH	<0.5	2.78	<2.5	8.14	<100	<153
	06/05/2012	<0.5	<0.5	<0.5	<1	<3	580	<0.5	80.3	<0.5	2.28	<2.5	8.51	161	<152
	06/19/2012	<0.5	<0.5	<0.5	<1	<3	254 QK	<0.5	25.1	<0.5	2.28	<2.5	6.06	112	258
	07/12/2012	<0.5	<0.5	<0.5	<1	<3	530	<0.5	100	<0.5	2.83	<2.5	8.9	<100	<153
	07/25/2012	<0.5	<0.5	<0.5	<1	<3	706	<0.5	223	<0.5	4.54	<2.5	10.7	<100	<152
	08/08/2012	<0.5	<0.5	<0.5	<1	<3	370	<0.5	115	<0.5	3.32	<2.5	8.3	<100	<153
	08/24/2012	<0.500	<0.500	<0.500	<1.00	<2.50	1,040	<0.500	56.2	<0.500	2.83	<2.50	7.44	<100	<152
	09/04/2012	<0.5	<0.5	<0.5	<1	<3	1,380	<0.5	89.9	<0.5	5.19	<2.5	13.2	<100	<152
	09/26/2012	<0.5	<0.5	<0.5	<1	<3	205 QK	<0.5	16.2	<0.5	<0.5	<2.5	4.25	<100	<153
	10/05/2012	<0.500	<0.500	<0.500	<1.00	<2.50	227 QK	<0.500	27.6	<0.500	1.53 VH	<2.50	6.68	<100	<152
	10/25/2012	<0.5	<0.5	<0.5	<1	<3	439	<0.5	152	<0.5	4.62	6.09	11.2	<100	<152
	11/06/2012	<0.5	<0.5	<0.5	<1	<3	496	<0.5	130	<0.5	3.73	<2.5	9.28	<100	<153
	11/29/2012	<0.5	<0.5	<0.5	<1	<3	49.6	<0.5	7.55	<0.5	<0.5	<2.5	0.62 VH	<100	<153
	12/12/2012	<0.5	<0.5	<0.5	<1	<3	92.9	<0.5	10.4	<0.5	<0.5	<2.5	1.98	<100	<150

Table 3

SYSTEM ANALYTICAL DATA SUMMARY

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

Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Naphthalene ($\mu\text{g/L}$)	tert-Butyl Alcohol ($\mu\text{g/L}$)	1,2-Dichloroethane ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)	tert-amy1 alcohol ($\mu\text{g/L}$)	tert-amy1 methyl ether ($\mu\text{g/L}$)	TPH-GRO ($\mu\text{g/L}$)	TPH-DRO ($\mu\text{g/L}$)	
<i>Discharge Limit ($\mu\text{g/L}$)</i>		2.5	50	50	50	10	1.4	NL	2.5	NL	NL	NL	NL	15,000	15,000	
INFLUENT (cont.)	12/20/2012	<0.5	<0.5	<0.5	<1	<3	110 QK	<0.5	9.22	<0.5	0.94 VH	<2.5	2.56	<100	<153	
	01/04/2013	<0.5	<0.5	<0.5	<1	<3	261	<0.5	35.5	<0.5	2.01	<2.5	5.4	<100	<153	
	01/22/2013	<0.5	<0.5	<0.5	<1	<3	226	<0.5	30.4	<0.5	<0.5	<2.5	4.4	<100	<154	
	02/07/2013	<0.5	<0.5	<0.5	<1	<3	252	<0.5	34.4	<0.5	2.42	<2.5	6.21	<100	<153	
	02/26/2013	<0.5	<0.5	<0.5	<1	<3	106 QK	<0.5	11.4	<0.5	<0.5	<2.5	2.3	<100	<152	
	03/07/2013	<0.5	<0.5	<0.5	<1	<3	109 QK	<0.5	9.3	<0.5	<0.5	<2.5	2.39	<100	<152	
	03/21/2013	<0.5	<0.5	<0.5	<1	<3	104 QK	<0.5	17.7	<0.5	<0.5	<2.5	2.2	129	<150	
	04/02/2013	<0.5	<0.5	<0.5	<1	<3	22	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152	
	04/18/2013	<0.5	<0.5	<0.5	<1	<3	82	<0.5	10.8	<0.5	0.67	<2.5	1.77	140	<152	
	05/07/2013	<0.5	<0.5	<0.5	<1	<3	39.2	<0.5	7.68	<0.5	<0.5	<2.5	<0.5	<100	<153	
	05/23/2013	<0.5	<0.5	<0.5	<1	<3	84.4	<0.5	16.8	<0.5	<0.5	<2.5	1.68	171	<153	
	06/03/2013	<0.5	<0.5	<0.5	<1	<3	191	<0.5	89.3	<0.5	1.32	<2.5	4.27	292	<153	
	06/19/2013	<0.5	<0.5	<0.5	<1	<3	73.3	<0.5	<2.5	<0.5	<0.5	<2.5	1.51	136	<152	
	07/12/2013	<0.5	<0.5	<0.5	<1	<3	60.3	<0.5	5.76	<0.5	0.59	<2.5	1.03	<100	<152	
	07/26/2013	<0.5	<0.5	<0.5	<1	<3	210	<0.5	20.9	<0.5	0.86	<2.5	1.31	<100	<150	
	08/06/2013	<0.5	<0.5	<0.5	<1	<2.50	92.9	<0.5	11.8	<0.5	0.77	<2.5	1.19	102	90.7 J	
	08/19/2013	<0.5	<0.5	<0.5	<1	<2.50	70.3	<0.5	9.94	<0.5	0.66	<2.5	1.06	97.2 J	53.5 J	
	09/05/2013	<0.5	<0.5	<0.5	<1	<2.5	78.1	<0.5	8.1	<0.5	0.61	<2.5	1.2	85.6 J	<27.1	
	09/19/2013	<0.5	<0.5	<0.5	<1	<2.5	208	<0.5	29	<0.5	0.74	<2.5	1.5	144	<27.4	
	10/08/2013	<0.5	<0.5	<0.5	<1	<2.5	55.8	<0.5	9.11	<0.5	0.51	<2.5	1.14	91.8 J	102 J	
	11/04/2013	<0.5	<0.5	<0.5	<1	<2.5	58.1	<0.5	8.68	<0.5	<0.5	<2.5	8.68	1.06	69.3 J	169
	12/06/2013	<0.5	<0.5	<0.5	<1	<2.5	55.4	<0.5	6.2	<0.5	<0.5	<2.5	6.2	0.95	70.7 J	<27.7
	01/06/2014	<0.5	<0.5	<0.5	<1	<2.5	54.4	<0.5	7.86	<0.5	<0.5	<2.5	0.92	62.4 J	<27.7	
	01/23/2014	<0.5	<0.5	<0.5	<1	<2.5	142	<0.5	23.8	<0.5	1.28	<2.5	2.47	214	<27.1	
	02/11/2014	<0.5	<0.5	<0.5	<1	<2.5	88.6	<0.5	16	<0.5	0.94	<2.5	1.66	254	<27.4	
	02/26/2014	<0.5	<0.5	<0.5	<1	<2.5	85.2	<0.5	3.11	<0.5	0.81	<2.5	1.52	145	<27.4	
	03/11/2014	<0.5	<0.5	<0.5	<1	<2.5	79.2	<0.5	59.5	<0.5	0.73	<2.5	1.49	173	263	
	03/21/2014	<0.5	<0.5	<0.5	<1	<2.5	65.2	<0.5	<2.5	<0.5	0.69	<2.5	1.09	<13	<23.2	
	04/04/2014	<0.5	<0.5	<0.5	<1	<2.5	27.6	<0.5	3.85	<0.5	0.54	<2.5	0.56	73.8	49.6	
	04/21/2014	<0.5	<0.5	<0.5	<1	<2.5	49.9	<0.5	<2.5	<0.5	0.53	4.1	0.8	70.4 J	<23.2	
	05/06/2014	<0.5	<0.5	<0.5	<1	<2.5	12.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	23.6 J	<23.4	
MID1	11/30/2011	<0.5	<0.5	<0.5	<1	<3	15.8	<0.5	1,130	<0.5	<0.5	40.6	<0.5	<100	<150	
	12/02/2011	<0.5	<0.5	<0.5	<1	<3	38.2	<0.5	959	<0.5	<0.5	32.8	<0.5	<100	<152	
	12/09/2011	<0.5	<0.5	<0.5	<1	<3	22	<0.5	2,740	<0.5	<0.5	40.8	<0.5	<100	<150	
	12/13/2011	<0.5	<0.5	<0.5	<1	<3	34.2	<0.5	1,170	<0.5	<0.5	49.6	0.61	<100	<150	
	12/15/2011	<0.5	<0.5	<0.5	<1	<3	21.7	<0.5	1,450	<0.5	<0.5	24.6	<0.5	<100	<152	
	12/19/2011	<0.5	<0.5	<0.5	<1	<3	5.63	<0.5	2,280	<0.5	<0.5	29.4	<0.5	<100	<153	
	12/22/2011	<0.5	<0.5	<0.5	<1	<3	5.08	<0.5	598	<0.5	<0.5	25.2	<0.5	<100	<152	

Table 3

SYSTEM ANALYTICAL DATA SUMMARY

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

Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Naphthalene ($\mu\text{g/L}$)	tert-Butyl Alcohol ($\mu\text{g/L}$)	1,2-Dichloroethane ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)	tert-amy1 alcohol ($\mu\text{g/L}$)	tert-amy1 methyl ether ($\mu\text{g/L}$)	TPH-GRO ($\mu\text{g/L}$)	TPH-DRO ($\mu\text{g/L}$)
<i>Discharge Limit ($\mu\text{g/L}$)</i>		2.5	50	50	50	10	1.4	NL	2.5	NL	NL	NL	NL	15,000	15,000
MID1 (cont.)	12/29/2011	<1	<1	<1	<4	35.5	<1	594	<1	<1	<5	<1	<100	<155	
	01/03/2012	<0.5	<0.5	<0.5	<1	9.5	<0.5	559	<0.5	<0.5	19.5	<0.5	<100	<153	
	01/09/2012	<0.5	<0.5	<0.5	<1	16.8	<0.5	546	<0.5	-	-	<0.5	<100	<150	
	01/16/2012	<0.5	<0.5	<0.5	<1	7.13	<0.5	529	<0.5	<0.5	16.2	<0.5	<100	<152	
	01/24/2012	<0.5	<0.5	<0.5	<1	15.3	<0.5	465	<0.5	<0.5	13.2	<0.5	<100	<152	
	01/31/2012	<0.5	<0.5	<0.5	<1	8.45	<0.5	310	<0.5	<0.5	14.4	<0.5	<100	<152	
	02/08/2012	<0.5	<0.5	<0.5	<1	1.09	<0.5	163	<0.5	<0.5	11.2	<0.5	<100	<153	
	02/15/2012	<0.5	<0.5	<0.5	<1	1.51	<0.5	164	<0.5	<0.5	13.1	<0.5	<100	<151	
	02/22/2012	<0.5	<0.5	<0.5	<1	2.3	<0.5	131 VH	<0.5	<0.5	<2.5	<0.5	<100	<152	
	02/27/2012	<0.5	<0.5	<0.5	<1	3.96	<0.5	59.3	<0.5	<0.5	<2.5	<0.5	<100	<151	
	03/07/2012	<0.5	<0.5	<0.5	<1	2.8	<0.5	153	<0.5	<0.5	<2.5	<0.5	<100	<152	
	03/27/2012	<0.5	<0.5	<0.5	<1	0.64	<0.5	87.6	<0.5	<0.5	<2.5	<0.5	<100	<150	
	04/06/2012	<0.500	<0.500	<0.500	<1.00	<2.50	0.790	<0.500	159 VH	<0.500	<0.500	3.34 VH	<0.500	<100	<155
	04/16/2012	<0.5	<0.5	<0.5	<1	<3	1.7	<0.5	41.3	<0.5	<0.5	<2.5	<0.5	<100	<150
	05/01/2012	<0.5	<0.5	<0.5	<1	<3	0.8	<0.5	95.8	<0.5	<0.5	<2.5	<0.5	<100	<152
	05/15/2012	<0.5	<0.5	<0.5	<1	<3	0.58	<0.5	40.6 VH	<0.5	<0.5	<2.5	<0.5	<100	<153
	06/05/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	74.7	<0.5	<0.5	<2.5	<0.5	<100	<152
	06/19/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<156
	07/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	59.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	07/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	133	<0.5	<0.5	<2.5	<0.5	<100	<152
	08/08/2012	<0.5	<0.5	<0.5	<1	<3	0.73	<0.5	86.6	<0.5	<0.5	<2.5	<0.5	<100	<152
	08/24/2012	<0.500	<0.500	<0.500	<1.00	<2.50	1.18	<0.500	28.2	<0.500	<0.500	<2.50	<0.500	<100	<154
	09/04/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	29	<0.5	<0.5	<2.5	<0.5	<100	<152
	09/26/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	210
	10/05/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	12.1	<0.500	<0.500	<2.50	<0.500	<100	<153
	10/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	42.2	<0.5	<0.5	<2.5	<0.5	<100	<152
	11/06/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	102	<0.5	<0.5	<2.5	<0.5	<100	<152
	11/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	12/12/2012	<0.5	<0.5	<0.5	<1	<3	1.66	<0.5	16.4	<0.5	<0.5	<2.5	<0.5	<100	<152
	12/20/2012	<0.5	<0.5	<0.5	<1	<3	1.27	<0.5	7.25	<0.5	<0.5	<2.5	<0.5	<100	<153
	01/04/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	13.1	<0.5	<0.5	<2.5	<0.5	<100	<152
	01/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	29.1	<0.5	<0.5	<2.5	<0.5	<100	<152
	02/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	26.2	<0.5	<0.5	<2.5	<0.5	<100	<153
	02/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	5.73	<0.5	<0.5	<2.5	<0.5	<100	<150
	03/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	4.67	<0.5	<0.5	<2.5	<0.5	<100	<152
	03/21/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	10	<0.5	<0.5	<2.5	<0.5	<100	<152

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SYSTEM ANALYTICAL DATA SUMMARY

Carroll Fuels - Wally's Citgo
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Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Naphthalene ($\mu\text{g/L}$)	tert-Butyl Alcohol ($\mu\text{g/L}$)	1,2-Dichloroethane ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)	tert-amy1 alcohol ($\mu\text{g/L}$)	tert-amy1 methyl ether ($\mu\text{g/L}$)	TPH-GRO ($\mu\text{g/L}$)	TPH-DRO ($\mu\text{g/L}$)
<i>Discharge Limit ($\mu\text{g/L}$)</i>		2.5	50	50	50	10	1.4	NL	2.5	NL	NL	NL	NL	15,000	15,000
MID1 (cont.)	04/02/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	04/18/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	05/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	3.64	<0.5	<0.5	<2.5	<0.5	<100	<152
	05/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	7.44	<0.5	<0.5	<2.5	<0.5	<100	<152
	06/03/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	62.3	<0.5	<0.5	<2.5	<0.5	<100	<152
	06/19/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	07/12/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	07/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	08/06/2013	<0.5	<0.5	<0.5	<1	<2.50	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	132 J
	08/19/2013	<0.5	<0.5	<0.5	<1	<2.50	<0.5	<0.5	3.65	<0.5	<0.5	<2.5	<0.5	<9.35	280
	09/05/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	3.75	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	09/19/2013	<0.5	<0.5	<0.5	<1	<2.5	1.62	<0.5	3.96	<0.5	<0.5	<2.5	<0.5	<9.35	335
	10/08/2013	<0.5	<0.5	<0.5	<1	<2.5	1.69	<0.5	4.01	<0.5	<0.5	<2.5	<0.5	<9.35	87.2 J
	11/04/2013	<0.5	<0.5	<0.5	<1	<2.5	1.13	<0.5	3.61	<0.5	<0.5	<2.5	<0.5	10.5 J	150 J
	12/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	01/06/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	3.36	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	02/26/2014	<0.5	<0.5	<0.5	<1	<2.5	0.63	<0.5	3.03	<0.5	<0.5	<2.5	<0.5	<9.35	<27.1
	03/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<13	<23.4
	04/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	2.67	<0.5	<0.5	<2.5	<0.5	<13	33.0 J
MID2	11/30/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	497	<0.5	<0.5	<2.5	<0.5	<100	<150
	12/02/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	266	<0.5	<0.5	<2.5	<0.5	<100	<152
	12/09/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	248	<0.5	<0.5	<2.5	<0.5	<100	<150
	12/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	158	<0.5	<0.5	<2.5	<0.5	<100	307
	12/15/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	333	<0.5	<0.5	<2.5	<0.5	<100	<152
	12/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	2,040	<0.5	<0.5	<2.5	<0.5	<100	<152
	12/22/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	582	<0.5	<0.5	<2.5	<0.5	<100	<153
	12/29/2011	<1	<1	<1	<1	<4	<1	<1	1,850	<1	<1	<5	<1	<100	<151
	01/03/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	594	<0.5	<0.5	<2.5	<0.5	<100	<152
	01/09/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	541	<0.5	-	-	<0.5	<100	<150
	01/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	569	<0.5	<0.5	<2.5	<0.5	<100	<153
	01/24/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	191	<0.5	<0.5	4.51	<0.5	<100	<153
	01/31/2012	<0.5	<0.5	<0.5	<1	<3	0.61	<0.5	11.4	<0.5	<0.5	<2.5	<0.5	<100	<152
	02/08/2012	<0.5	<0.5	<0.5	<1	<3	0.85	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<155
	02/15/2012	<0.5	<0.5	<0.5	<1	<3	1.56	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	02/22/2012	<0.5	<0.5	<0.5	<1	<3	1.84	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	02/27/2012	<0.5	<0.5	<0.5	<1	<3	2.19	<0.5	3.54	<0.5	<0.5	<2.5	<0.5	<100	<152

Table 3

SYSTEM ANALYTICAL DATA SUMMARY

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

Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Naphthalene ($\mu\text{g/L}$)	tert-Butyl Alcohol ($\mu\text{g/L}$)	1,2-Dichloroethane ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)	tert-amy1 alcohol ($\mu\text{g/L}$)	tert-amy1 methyl ether ($\mu\text{g/L}$)	TPH-GRO ($\mu\text{g/L}$)	TPH-DRO ($\mu\text{g/L}$)
<i>Discharge Limit ($\mu\text{g/L}$)</i>		2.5	50	50	50	50	10	1.4	NL	2.5	NL	NL	NL	15,000	15,000
MID2 (cont.)	03/07/2012	<0.5	<0.5	<0.5	<1	<3	3.27	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	03/27/2012	<0.5	<0.5	<0.5	<1	<3	1.97	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<150
	04/06/2012	<0.500	<0.500	<0.500	<1.00	<2.50	2.10	<0.500	10.3 VH	<0.500	<0.500	<2.50	<0.500	<100	<153
	04/16/2012	<0.5	<0.5	<0.5	<1	<3	2.19	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	05/01/2012	<0.5	<0.5	<0.5	<1	<3	2.46	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	05/15/2012	<0.5	<0.5	<0.5	<1	<3	1.9	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	06/05/2012	<0.5	<0.5	<0.5	<1	<3	1.45	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	06/19/2012	<0.5	<0.5	<0.5	<1	<3	1.68	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	07/12/2012	<0.5	<0.5	<0.5	<1	<3	2.26	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	07/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	08/08/2012	<0.5	<0.5	<0.5	<1	<3	1.14	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	08/24/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<100	<155
	09/04/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	09/26/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	10/05/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<100	<153
	10/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	10.2	<0.5	<0.5	<2.5	<0.5	<100	<153
	11/06/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	38.7	<0.5	<0.5	<2.5	<0.5	<100	<154
	11/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<156
	12/12/2012	<0.5	<0.5	<0.5	<1	<3	2.03	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<150
	12/20/2012	<0.5	<0.5	<0.5	<1	<3	2.22	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	01/04/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	01/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	02/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	02/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	03/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	03/21/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	04/02/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	04/18/2013	<0.5	0.63	<0.5	<1	1	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	05/07/2013	<0.5	0.7	<0.5	<1	1	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	05/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	06/03/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	06/19/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	07/12/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	07/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<150
	08/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	08/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.1

Table 3

SYSTEM ANALYTICAL DATA SUMMARY

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

Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Naphthalene ($\mu\text{g/L}$)	tert-Butyl Alcohol ($\mu\text{g/L}$)	1,2-Dichloroethane ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)	tert-amy1 alcohol ($\mu\text{g/L}$)	tert-amy1 methyl ether ($\mu\text{g/L}$)	TPH-GRO ($\mu\text{g/L}$)	TPH-DRO ($\mu\text{g/L}$)
<i>Discharge Limit ($\mu\text{g/L}$)</i>		2.5	50	50	50	10	1.4	NL	2.5	NL	NL	NL	NL	15,000	15,000
MID2 (cont.)	09/05/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	09/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	10.8 J	44.5 J
	10/08/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	33.3 J
	11/04/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	10.4 J	<27.4
	12/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.7
	01/06/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.7
	02/26/2014	<0.5	<0.5	<0.5	<1	<2.5	0.6	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	03/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<13	<23.4
	04/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<13	<23.4
MID3	12/02/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	148	<0.5	<0.5	<2.5	<0.5	<100	<153
	02/08/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	02/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	02/22/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	02/27/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	03/07/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	03/27/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<150
	04/06/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<100	<154
	04/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	05/01/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	05/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	06/05/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	06/19/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	07/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	07/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	08/08/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<150
	08/24/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<100	<155
	09/04/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	09/26/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	10/05/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<100	<153
	10/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	11/06/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	11/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	12/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<150
	12/20/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	01/04/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	01/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152

Table 3

SYSTEM ANALYTICAL DATA SUMMARY

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

Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Naphthalene ($\mu\text{g/L}$)	tert-Butyl Alcohol ($\mu\text{g/L}$)	1,2-Dichloroethane ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)	tert-amy1 alcohol ($\mu\text{g/L}$)	tert-amy1 methyl ether ($\mu\text{g/L}$)	TPH-GRO ($\mu\text{g/L}$)	TPH-DRO ($\mu\text{g/L}$)
<i>Discharge Limit ($\mu\text{g/L}$)</i>		2.5	50	50	50	10	1.4	NL	2.5	NL	NL	NL	NL	15,000	15,000
MID3 (cont.)	02/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	02/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	03/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	03/21/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	04/02/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	04/18/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	05/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	05/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	06/03/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	06/19/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	07/12/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	07/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	08/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	08/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.1
	09/05/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	09/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	10/08/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	11/04/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	17.2 J	<27.4
	12/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.9
	01/06/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.1
	02/26/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.1
	03/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<13	<23.4
	04/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<13	<23.7
EFFLUENT	11/30/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	156	<0.5	<0.5	<2.5	<0.5	<100	<150
	12/02/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	175	<0.5	<0.5	<2.5	<0.5	<100	<154
	12/09/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	113	<0.5	<0.5	<2.5	<0.5	<100	<150
	12/13/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	107	<0.5	<0.5	<2.5	<0.5	<100	<150
	12/15/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	60.4	<0.5	<0.5	<2.5	<0.5	<100	<152
	12/19/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	70.6	<0.5	<0.5	<2.5	<0.5	<100	<152
	12/22/2011	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	208	<0.5	<0.5	<2.5	<0.5	<100	<152
	12/29/2011	<1	<1	<1	<1	<4	<1	<1	562	<1	<1	<5	<1	<100	<151
	01/03/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	524	<0.5	<0.5	<2.5	<0.5	<100	<153
	01/09/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	2,580	<0.5	<0.5	<2.5	<0.5	<100	<150
	01/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	524	<0.5	<0.5	<2.5	<0.5	<100	<152
	01/24/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	11.1	<0.5	<0.5	<2.5	<0.5	<100	<153
	01/31/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153

Table 3

SYSTEM ANALYTICAL DATA SUMMARY

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

Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Naphthalene ($\mu\text{g/L}$)	tert-Butyl Alcohol ($\mu\text{g/L}$)	1,2-Dichloroethane ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)	tert-amy1 alcohol ($\mu\text{g/L}$)	tert-amy1 methyl ether ($\mu\text{g/L}$)	TPH-GRO ($\mu\text{g/L}$)	TPH-DRO ($\mu\text{g/L}$)
<i>Discharge Limit ($\mu\text{g/L}$)</i>		2.5	50	50	50	10	1.4	NL	2.5	NL	NL	NL	NL	15,000	15,000
EFFLUENT	02/08/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
(cont.)	02/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	02/22/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	02/27/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	03/07/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	161
	03/27/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<150
	04/06/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<100	<155
	04/16/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	05/01/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	05/15/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	06/05/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	06/19/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	07/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	07/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	08/08/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	08/24/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<100	<155
	09/04/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<150
	09/26/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	10/05/2012	<0.500	<0.500	<0.500	<1.00	<2.50	<0.500	<0.500	<2.50	<0.500	<0.500	<2.50	<0.500	<100	<153
	10/25/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	11/06/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<154
	11/29/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	12/12/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	12/20/2012	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<156
	01/04/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	01/22/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	02/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	02/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	03/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	03/21/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	04/02/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	04/18/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	05/07/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	0.58	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	05/23/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	06/03/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	06/19/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153

Table 3

SYSTEM ANALYTICAL DATA SUMMARY

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

Well ID	Date	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	Total BTEX ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Naphthalene ($\mu\text{g/L}$)	tert-Butyl Alcohol ($\mu\text{g/L}$)	1,2-Dichloroethane ($\mu\text{g/L}$)	Diisopropyl ether ($\mu\text{g/L}$)	tert-amy1 alcohol ($\mu\text{g/L}$)	tert-amy1 methyl ether ($\mu\text{g/L}$)	TPH-GRO ($\mu\text{g/L}$)	TPH-DRO ($\mu\text{g/L}$)
<i>Discharge Limit ($\mu\text{g/L}$)</i>		2.5	50	50	50	10	1.4	NL	2.5	NL	NL	NL	NL	15,000	15,000
EFFLUENT	07/12/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
(cont.)	07/26/2013	<0.5	<0.5	<0.5	<1	<3	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<152
	08/06/2013	<0.5	<0.5	<0.5	<2	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<100	<153
	08/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.1
	09/05/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	09/19/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	10/08/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	10/23/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.7
	11/04/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	45.4 J	<27.7
	11/21/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	12/06/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	12/20/2013	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.1
	01/06/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	11.3 J	<27.4
	01/23/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	14.8 J	<27.7
	02/11/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.4
	02/26/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<9.35	<27.1
	03/11/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<13.0	<23.4
	03/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<13.0	<23.4
	04/04/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<13.0	<23.7
	04/21/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<13.0	<23.4
	05/06/2014	<0.5	<0.5	<0.5	<1	<2.5	<0.5	<0.5	<2.5	<0.5	<0.5	<2.5	<0.5	<13.0	102 J

<# = Less than the method detection limit of #

$\mu\text{g/L}$ = 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-deisel 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 4

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	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 Recovered 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 4

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	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 Recovered 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
<i>Total/Average (3Q 2012)</i>				<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
<i>Total/Average (4Q 2012)</i>				<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
<i>Total/Average (1Q 2013)</i>				<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
<i>Total/Average (2Q 2013)</i>				<2.5	0.0		82	0.1		<157	0.2	

Table 4

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 ($\mu\text{g/l}$)	BTEX Recovered in Period	Cumulative BTEX Recovery (pounds)	Influent MTBE Concentration ($\mu\text{g/l}$)	MTBE Recovered in Period (pounds)	Cumulative MTBE Recovery (pounds)	Influent TPH-GRO Concentration ($\mu\text{g/l}$)	Total TPH-GRO Recovered 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	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
Total/Average (2Q 2014)				<2.5	0.0		30	0.0		56	0.0	

Table Notes:

BTEX - sum of benzene, toluene, ethylbenzene, and total xylenes

MTBE - methyl tert-butyl ether

TPH - total petroleum hydrocarbons

GRO - gasoline range organics

 $\mu\text{g/l}$ - micrograms/liters**Calculation Notes:**

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

$$\text{Hydrocarbon Recovery to Date (lbs)} = \text{Hydrocarbon Recovery Since Previous Sampling Event (lbs)}$$

$$+ \text{Hydrocarbon Recovery to Date (lbs)}$$

Table 5

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					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)	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		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													

Table 5

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					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)	Water Flow Rate (gpm)	Air Flow Rate (scfm)	Hydrocarbon Discharge Rate (lbs/day)	
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		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	RW-1 down due to transducer	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
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		

Table 5

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					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)	Water Flow Rate (gpm)	Air Flow Rate (scfm)	Hydrocarbon Discharge Rate (lbs/day)	
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 interuption	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
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
Total/Average (2Q 2014)		62	32.7		3.9	5,600	183,231	33,386	0.7				149,845	3.2				6.5	222	0.0	8.1

Notes:

¹ Water column thickness recorded by the recovery well transducer, set approximately 110 feet below grade in both recovery wells.

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

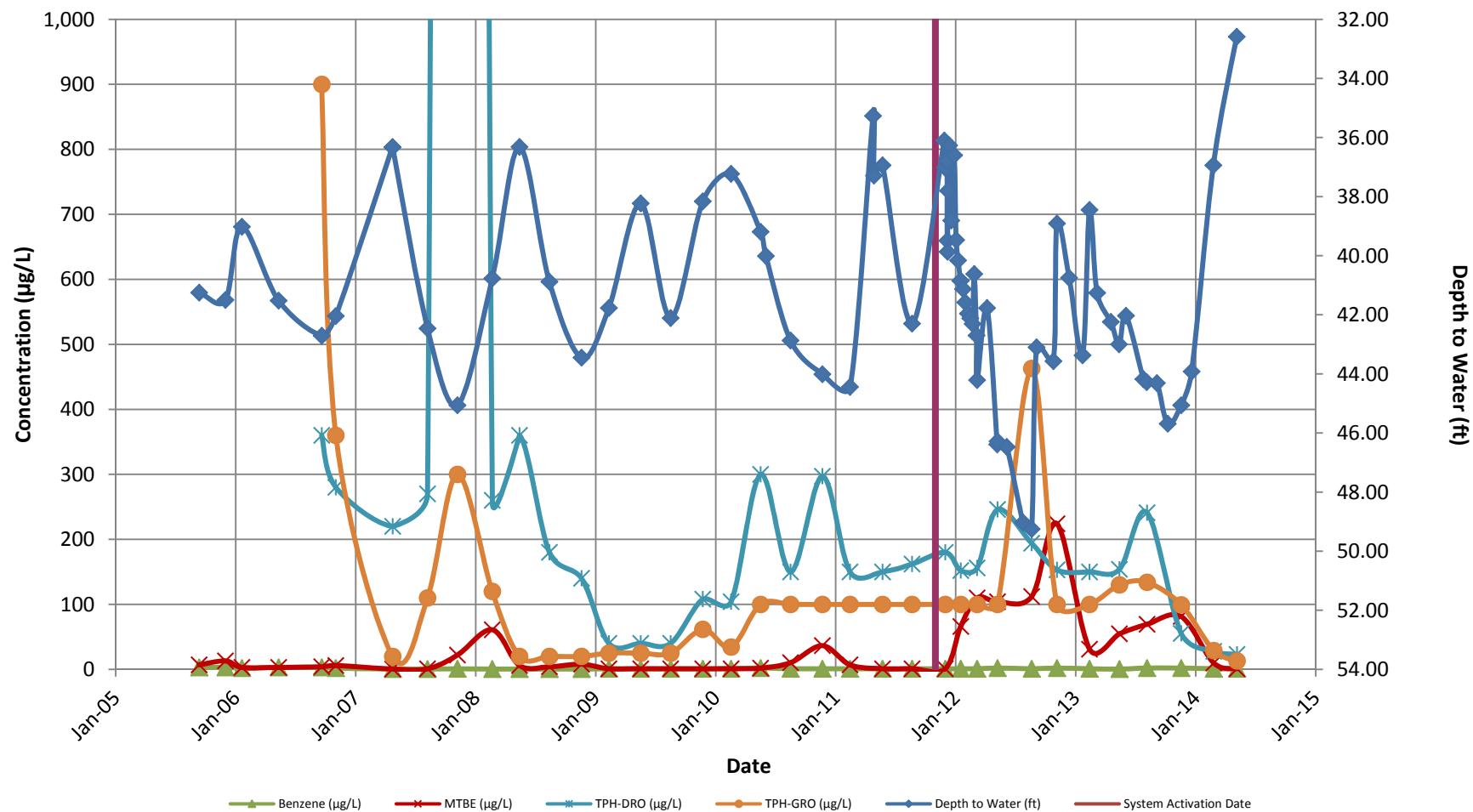
Concentration Hydrographs

Appendix A

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-1



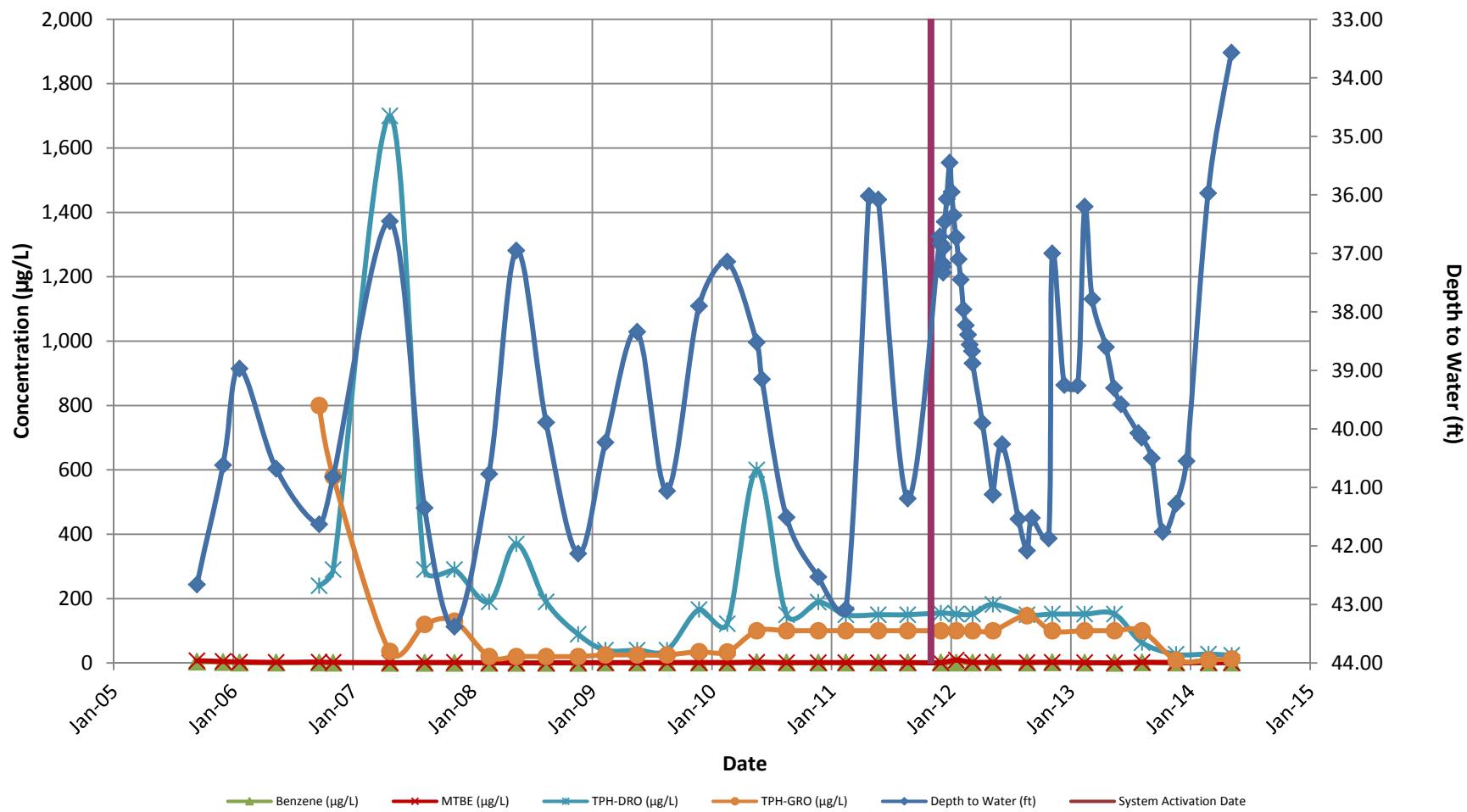
Notes: 1. The maximum TPH-DRO concentration is 12,000 $\mu\text{g/L}$.

2. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND < 100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-2

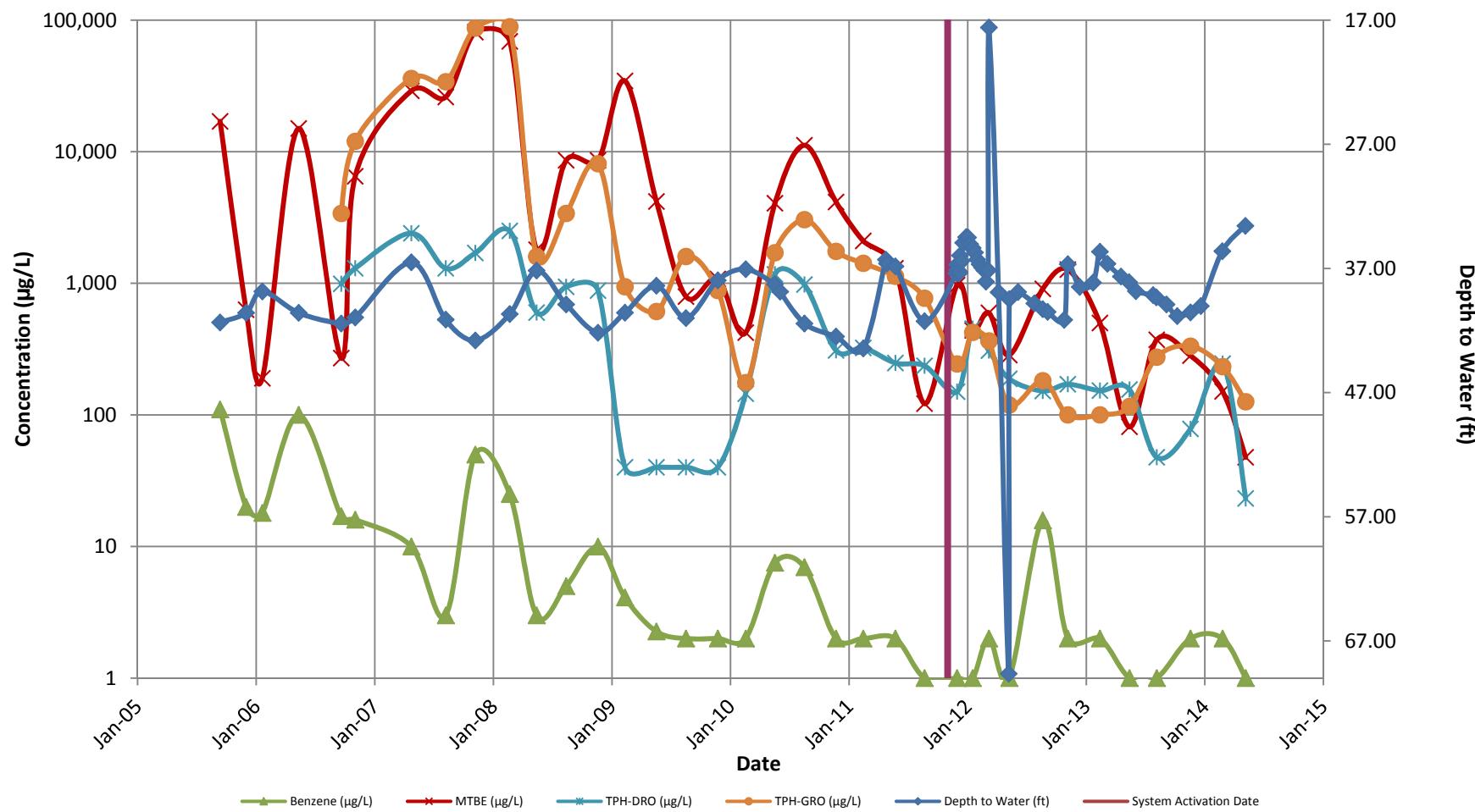


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-3

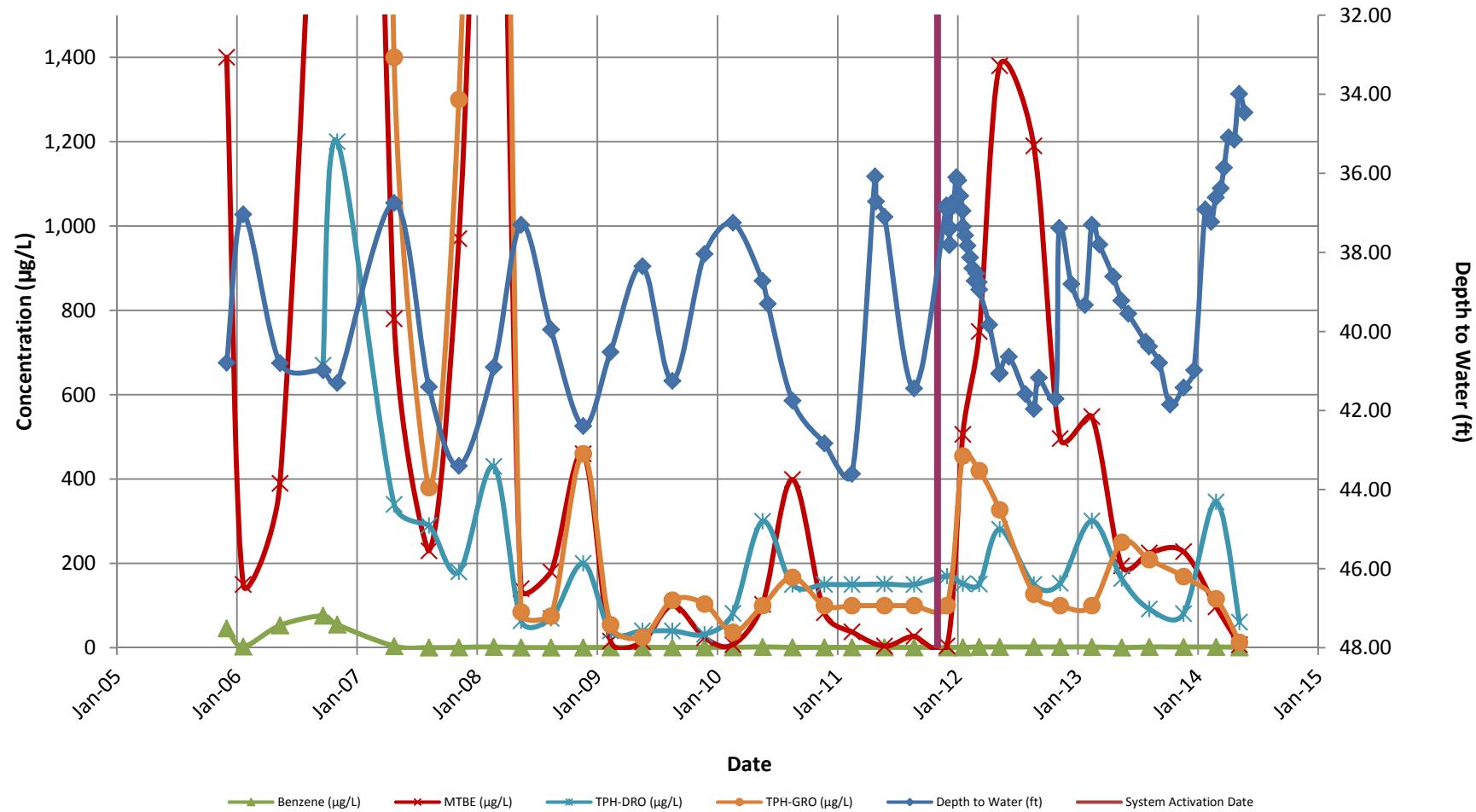


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-4

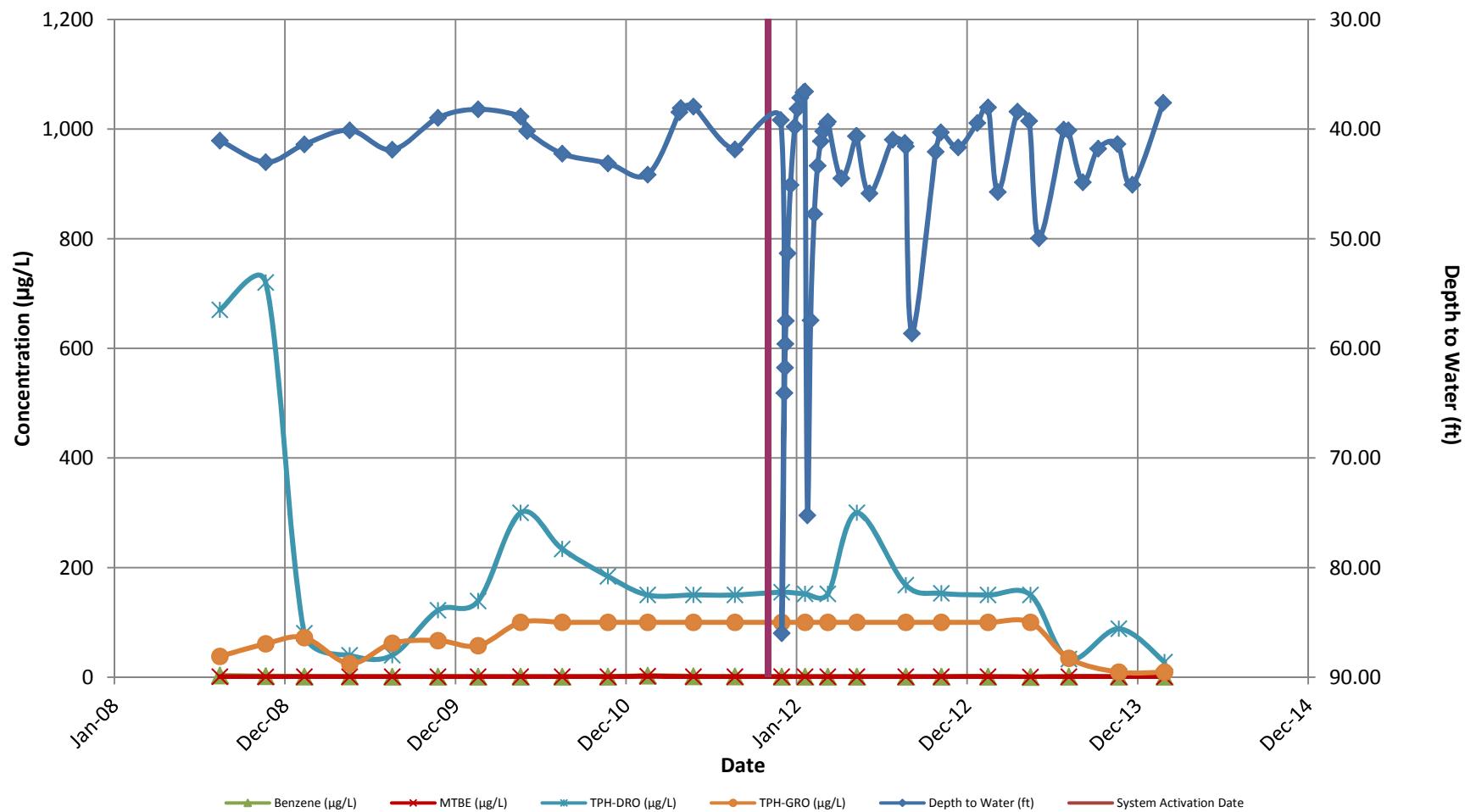


Notes: 1. The maximum TPH-GRO concentration is 10,000 $\mu\text{g/L}$.
 2. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND < 100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-5B

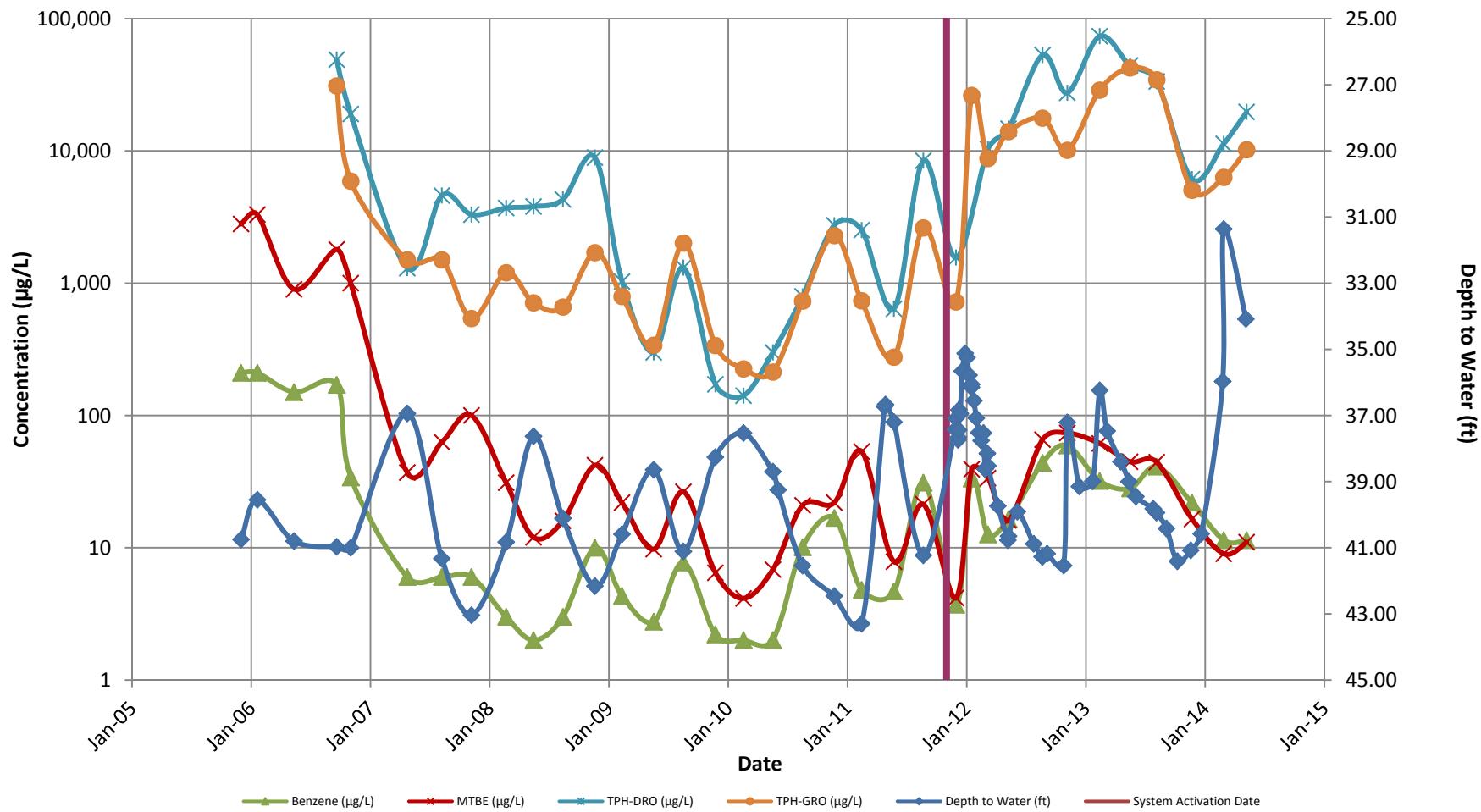


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-5



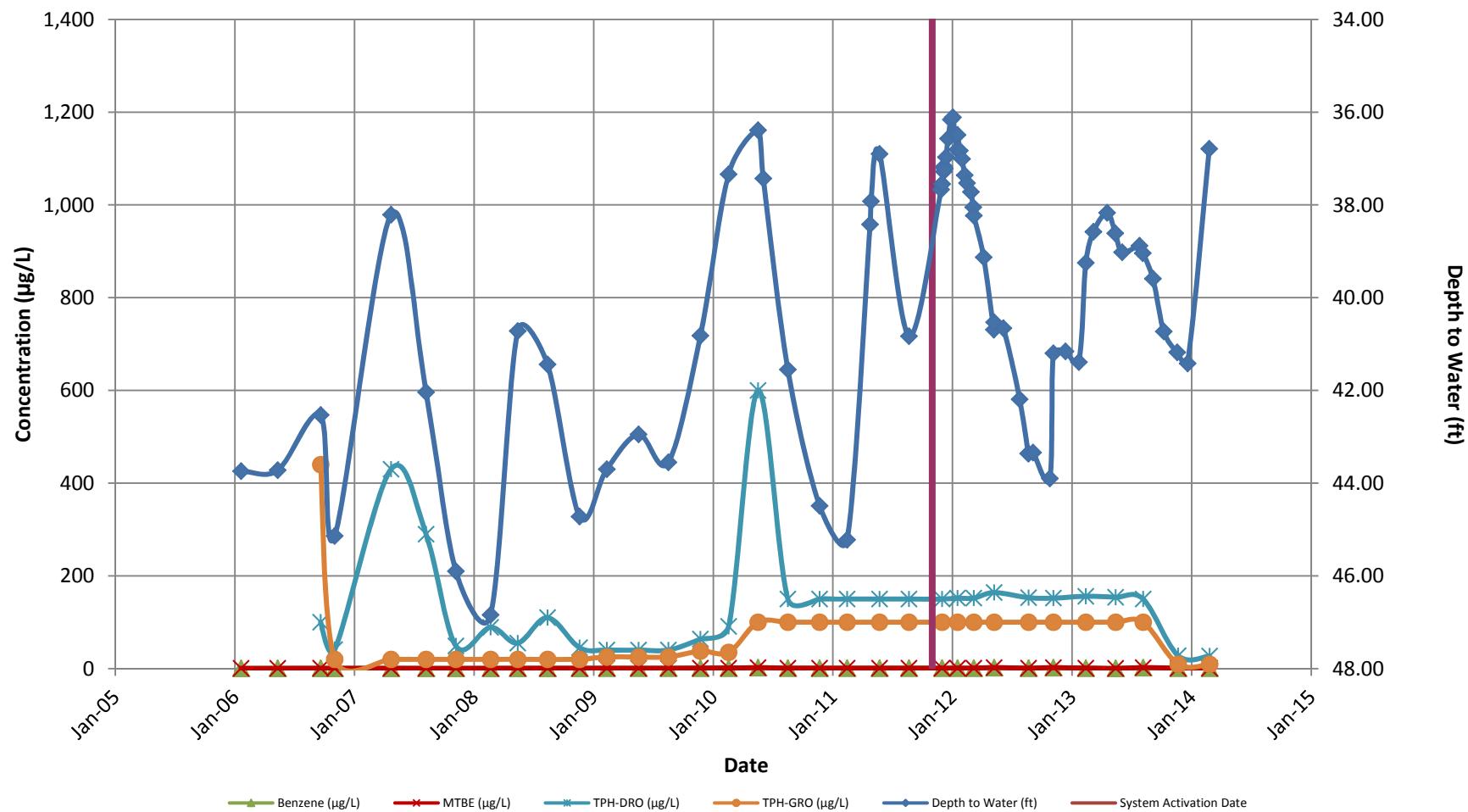
Notes: 1. The maximum TPH-DRO concentration is 73,600 $\mu\text{g/L}$.

2. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND < 100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-6

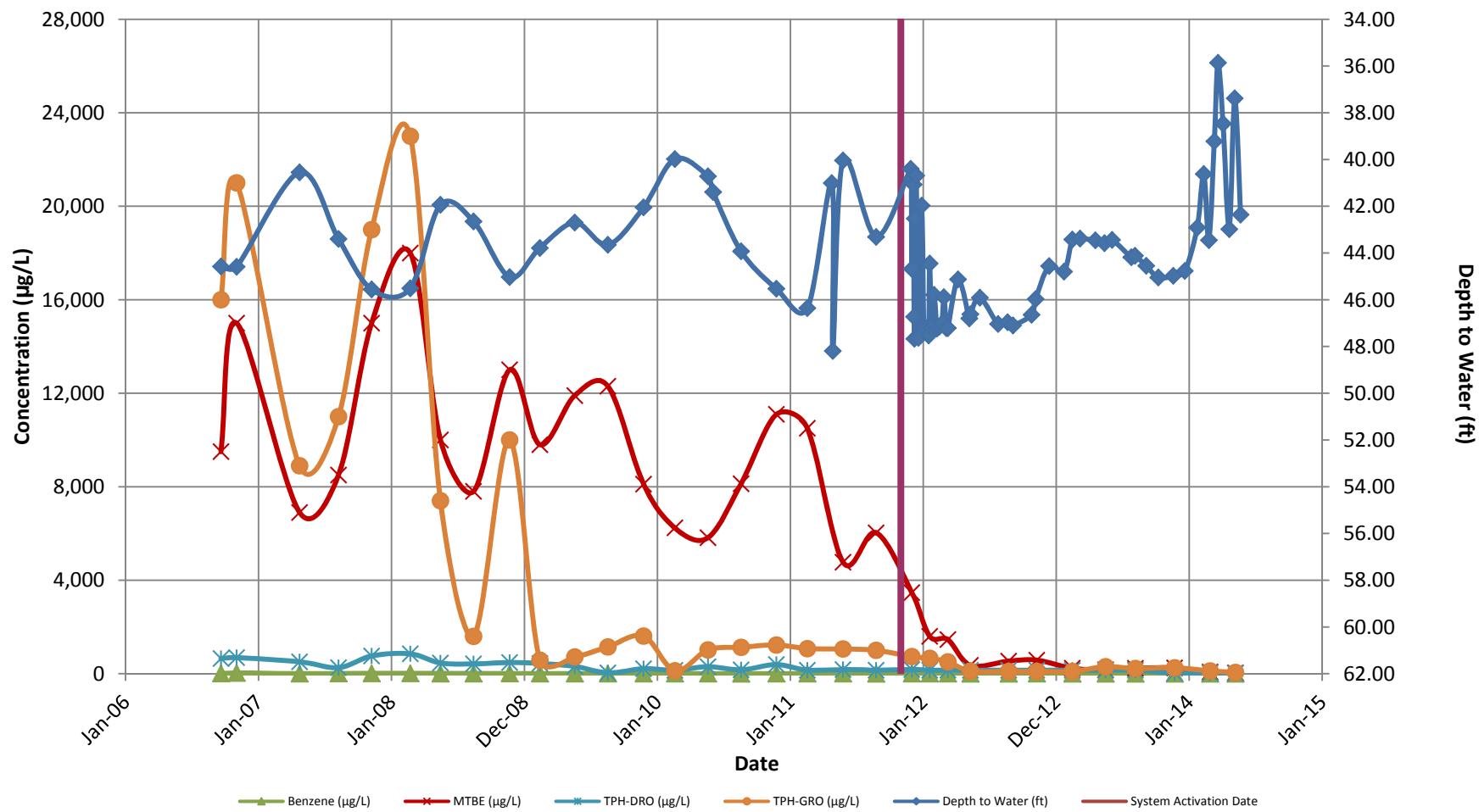


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-7A

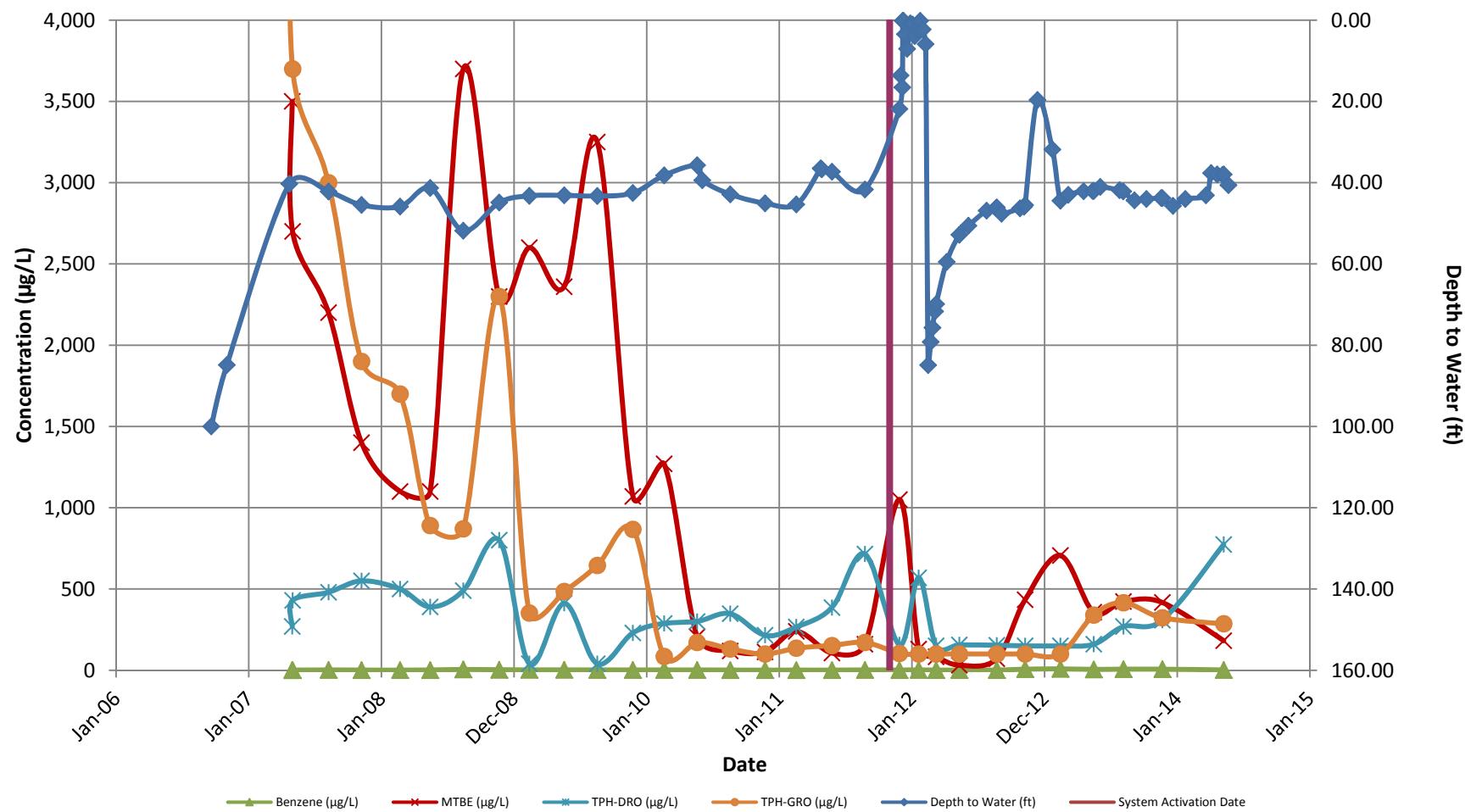


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-7B

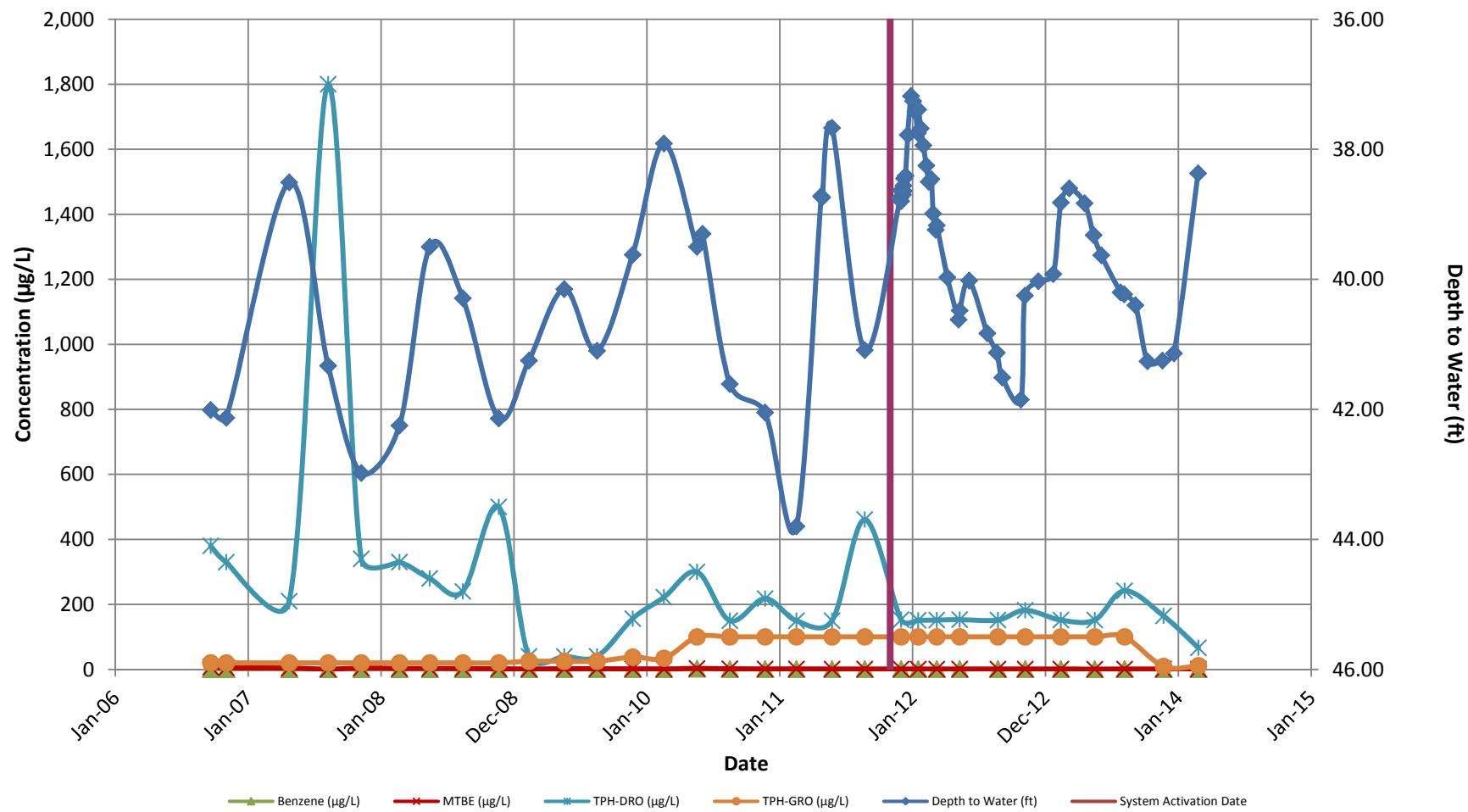


- Notes: 1. The maximum TPH-GRO concentration is 5,200 $\mu\text{g/L}$.
 2. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-8A

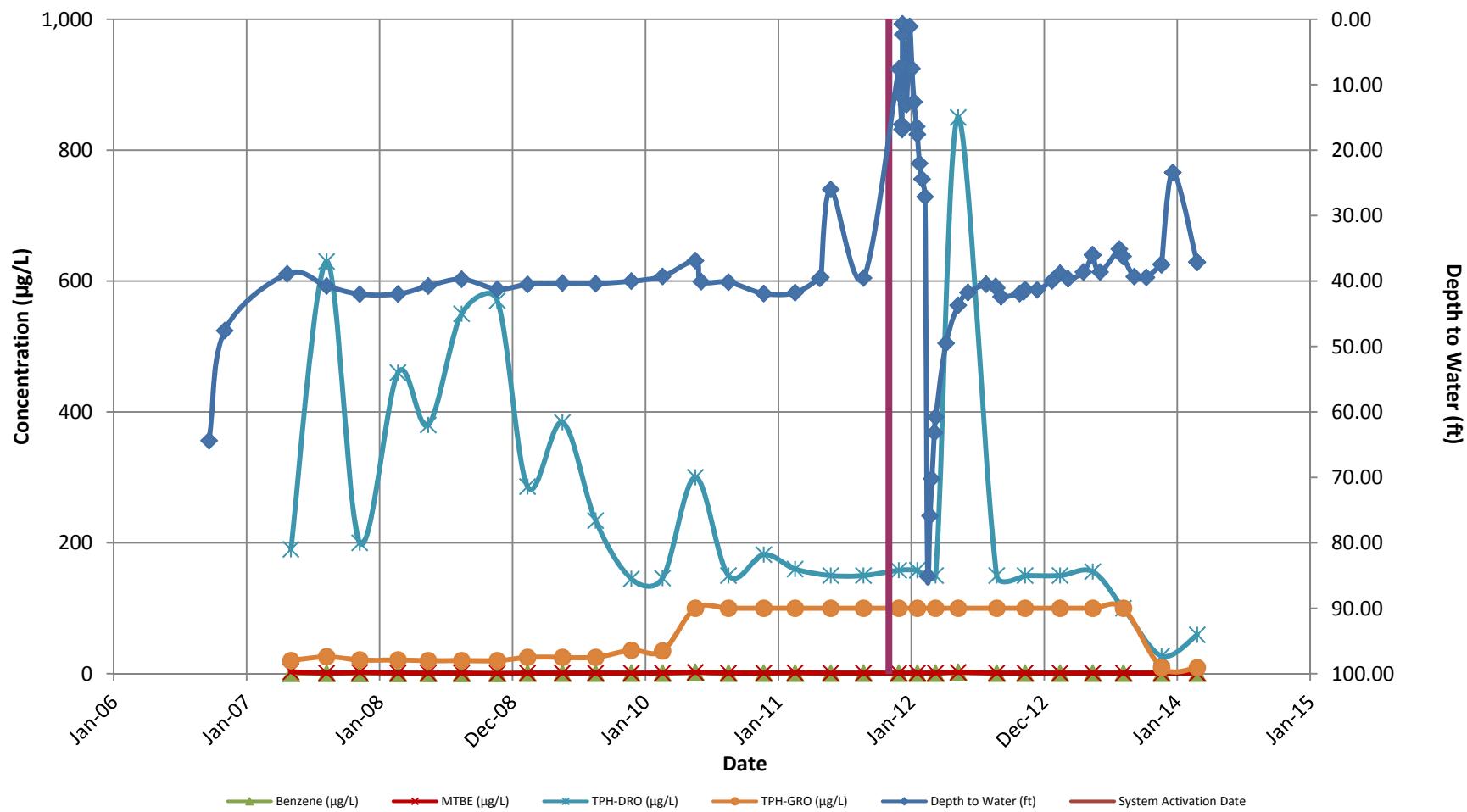


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-8B

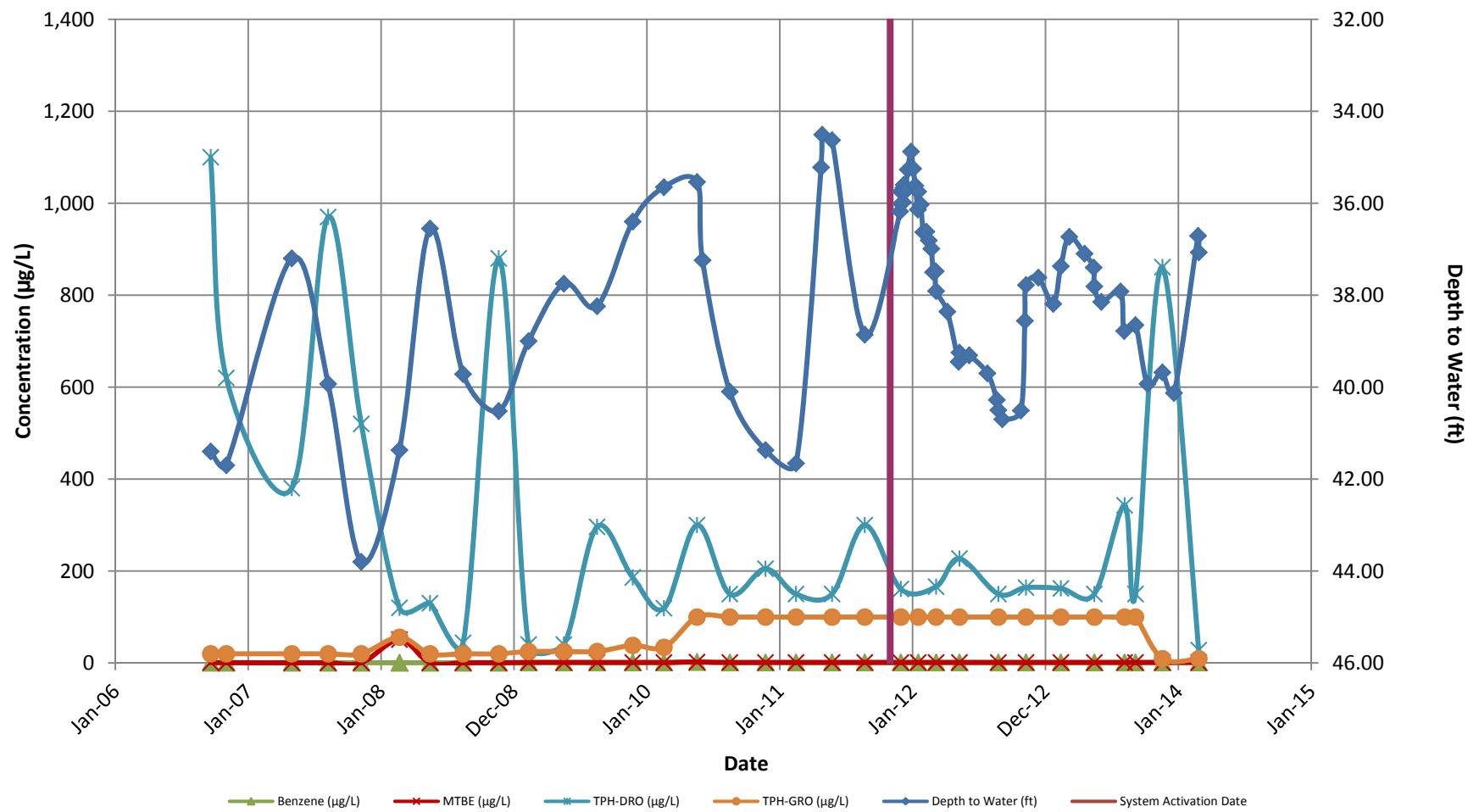


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g}/\text{L}$, 100 $\mu\text{g}/\text{L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-9A

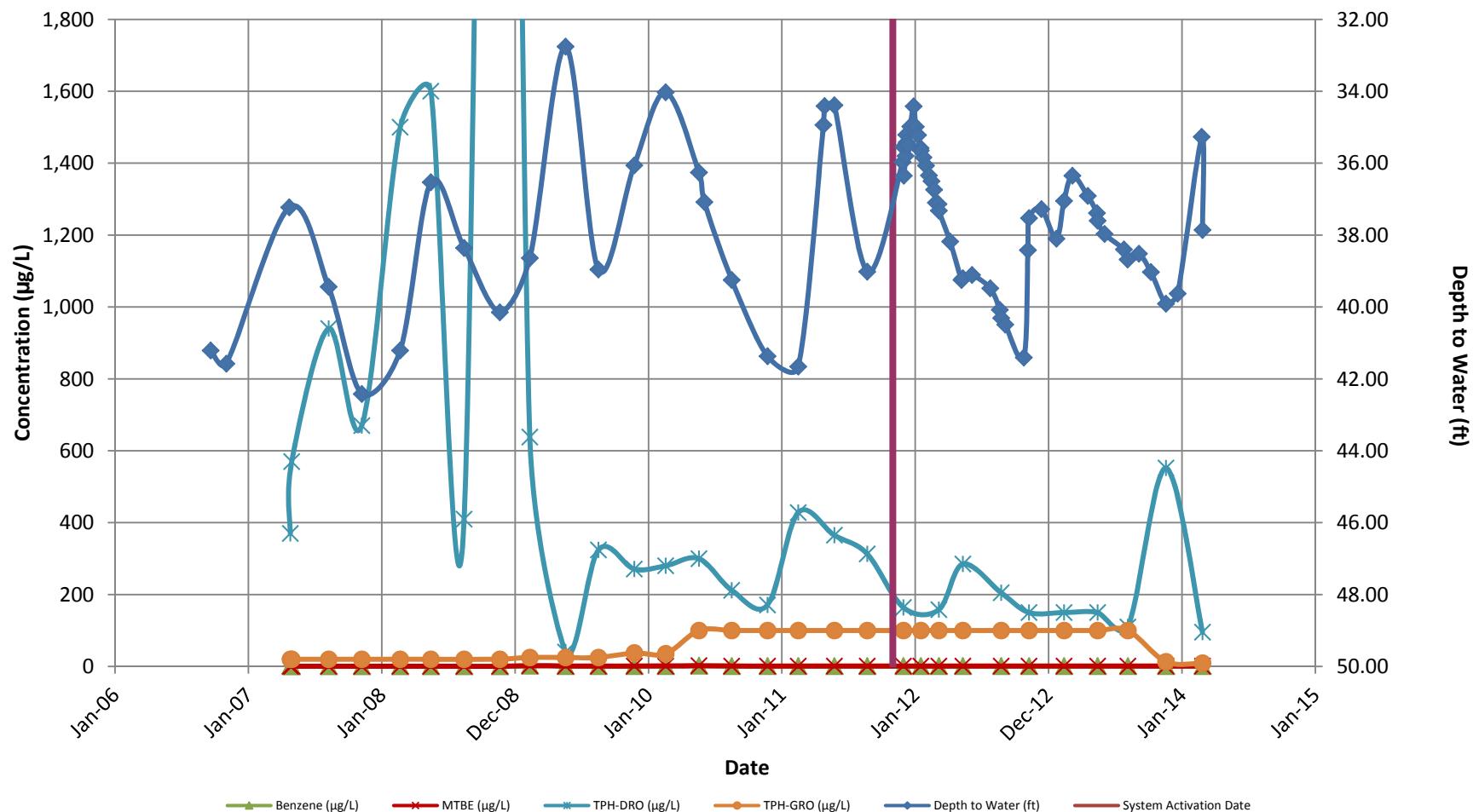


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-9B

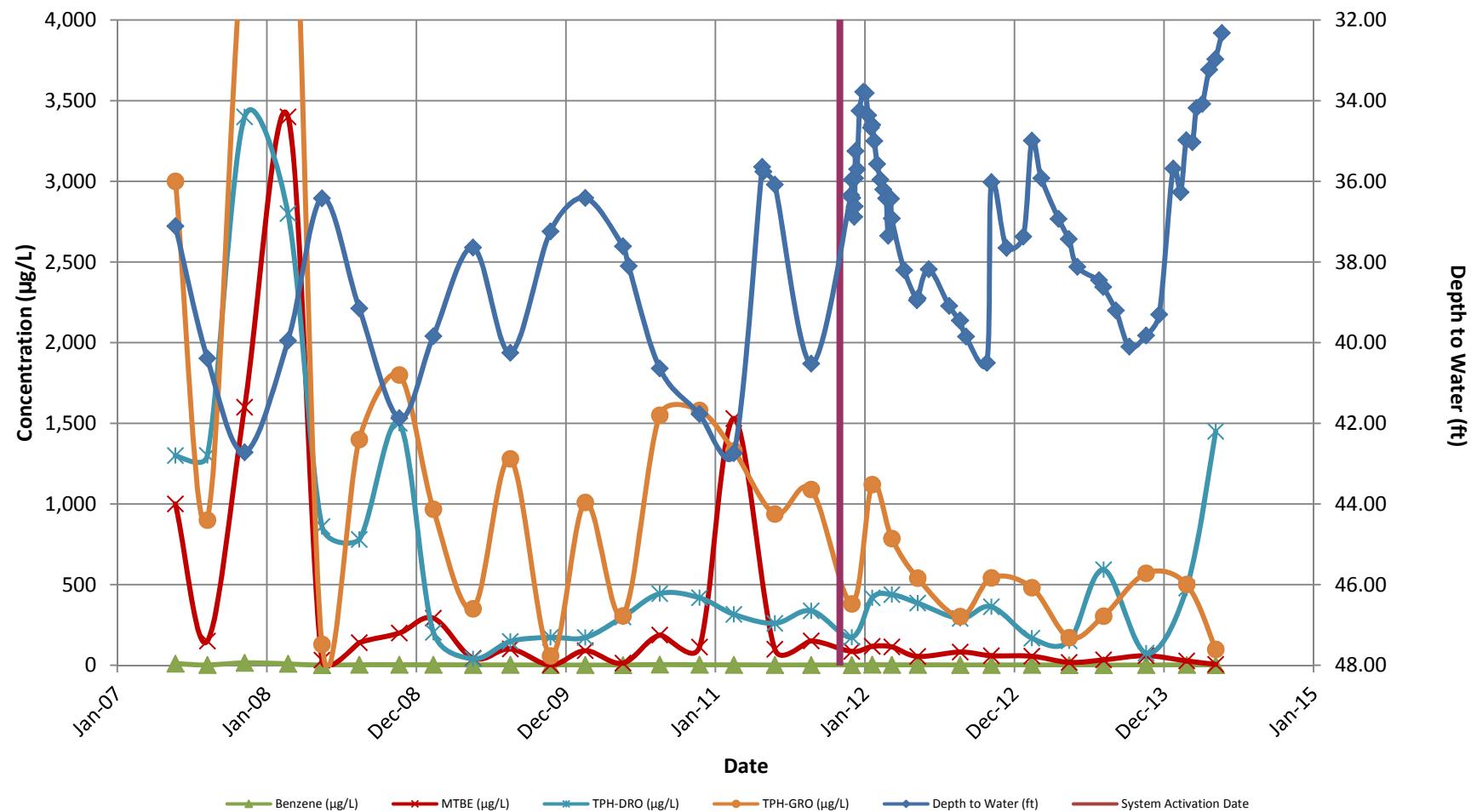


Notes: 1. The maximum TPH-DRO concentration is 5,900 $\mu\text{g}/\text{L}$.
 2. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g}/\text{L}$, 100 $\mu\text{g}/\text{L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

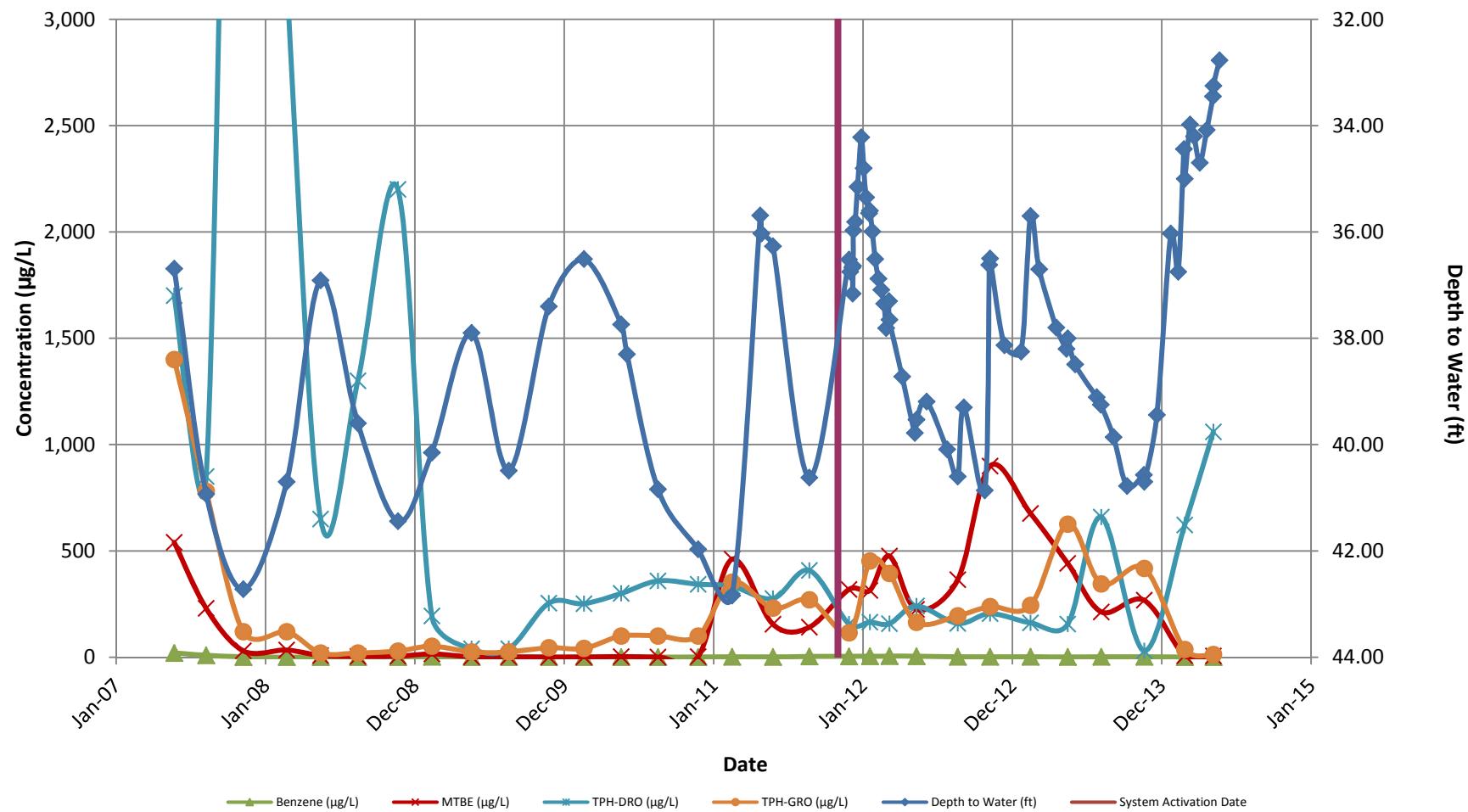
Monitoring Well MW-10A



CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-10B

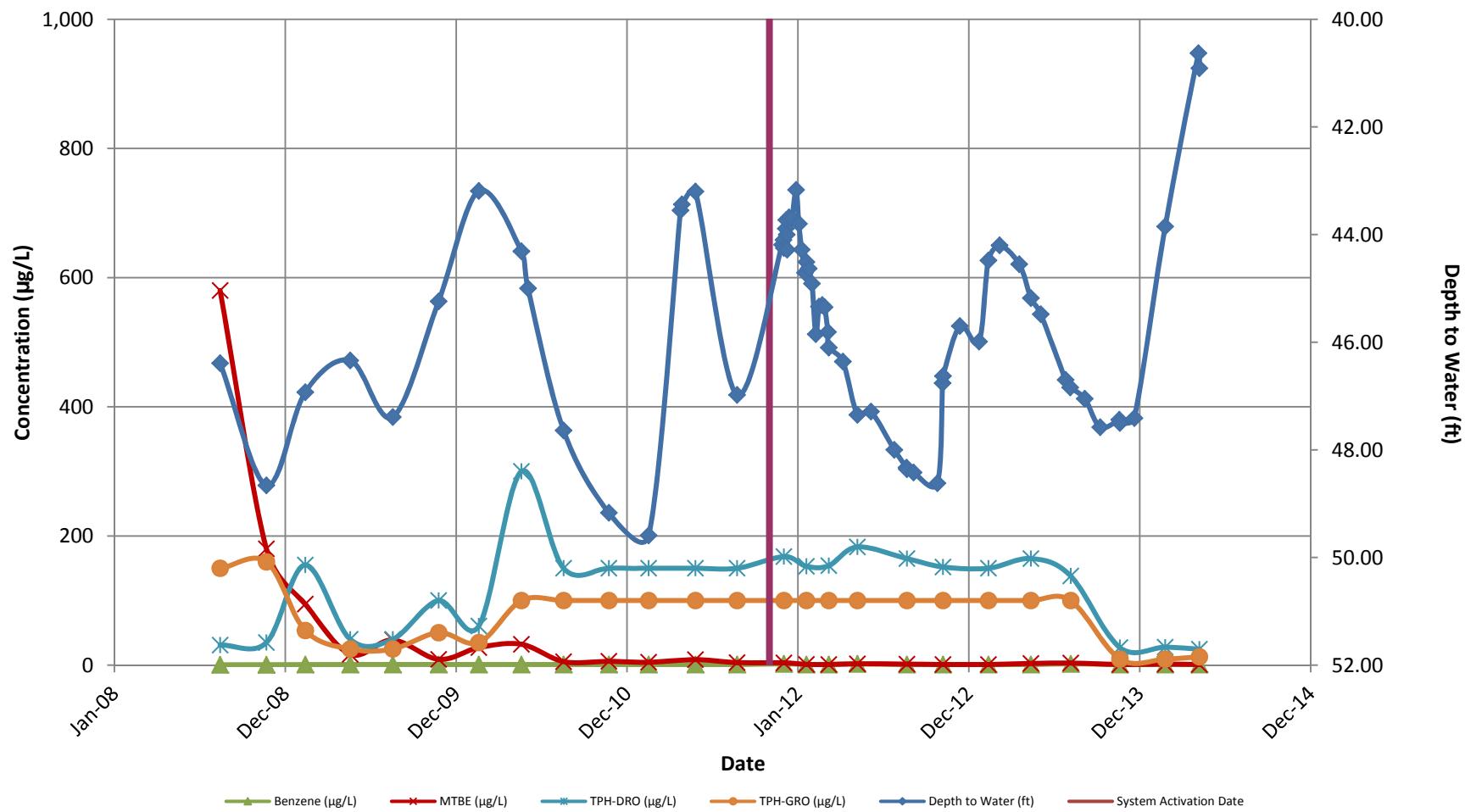


Notes: 1. The maximum TPH-DRO concentration is 7,100 $\mu\text{g/L}$.
 2. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-11A

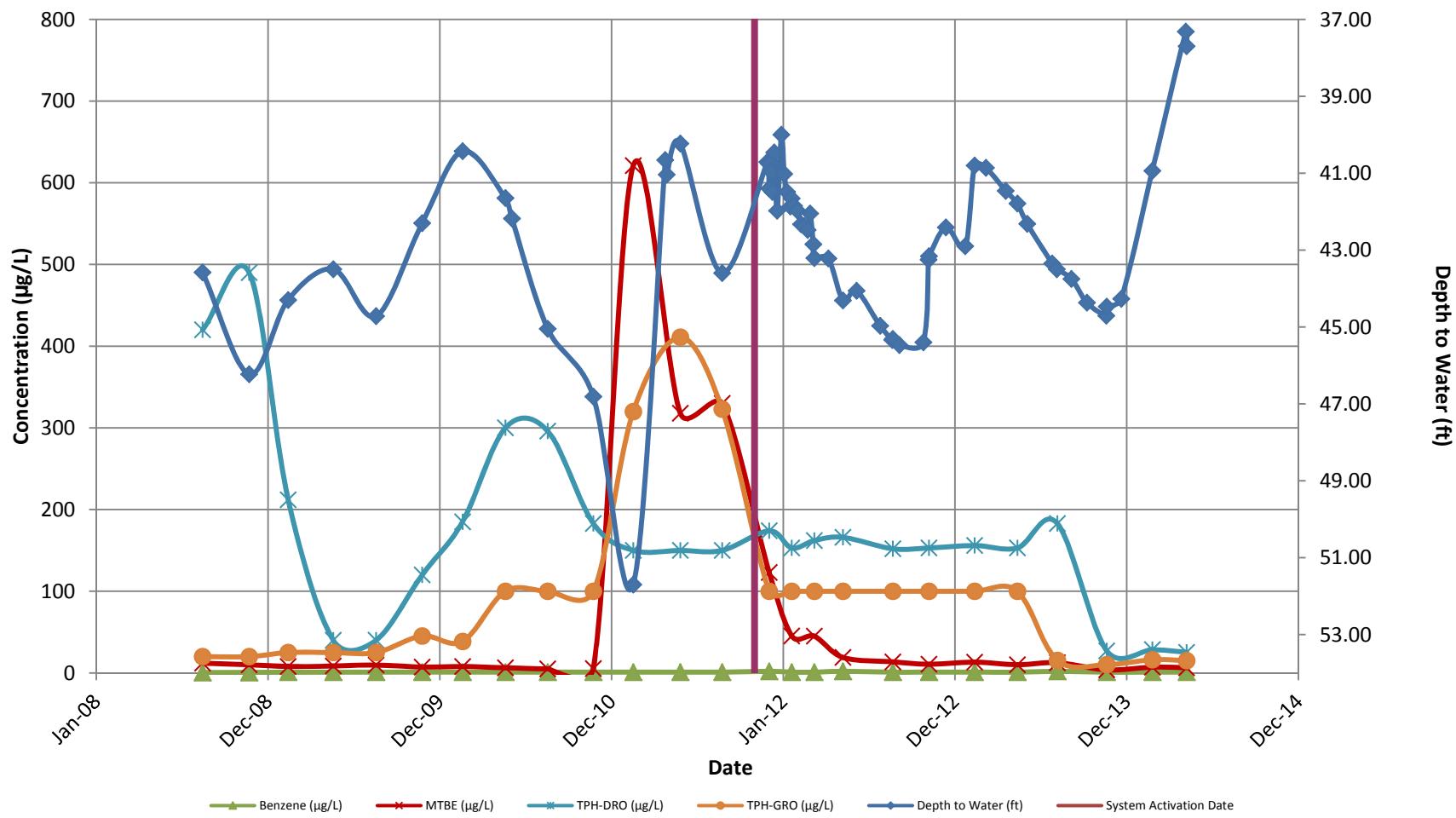


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-11B

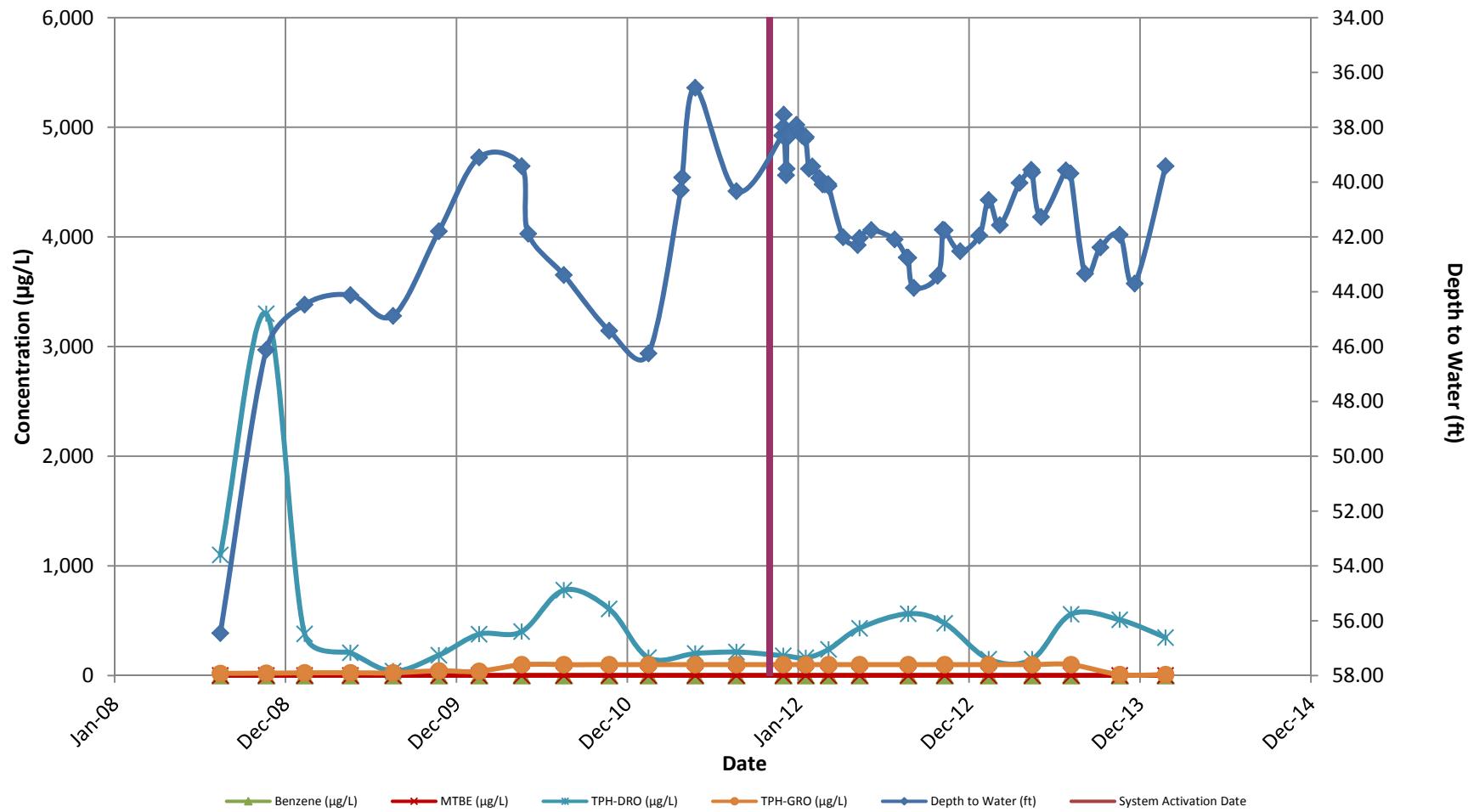


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-12B

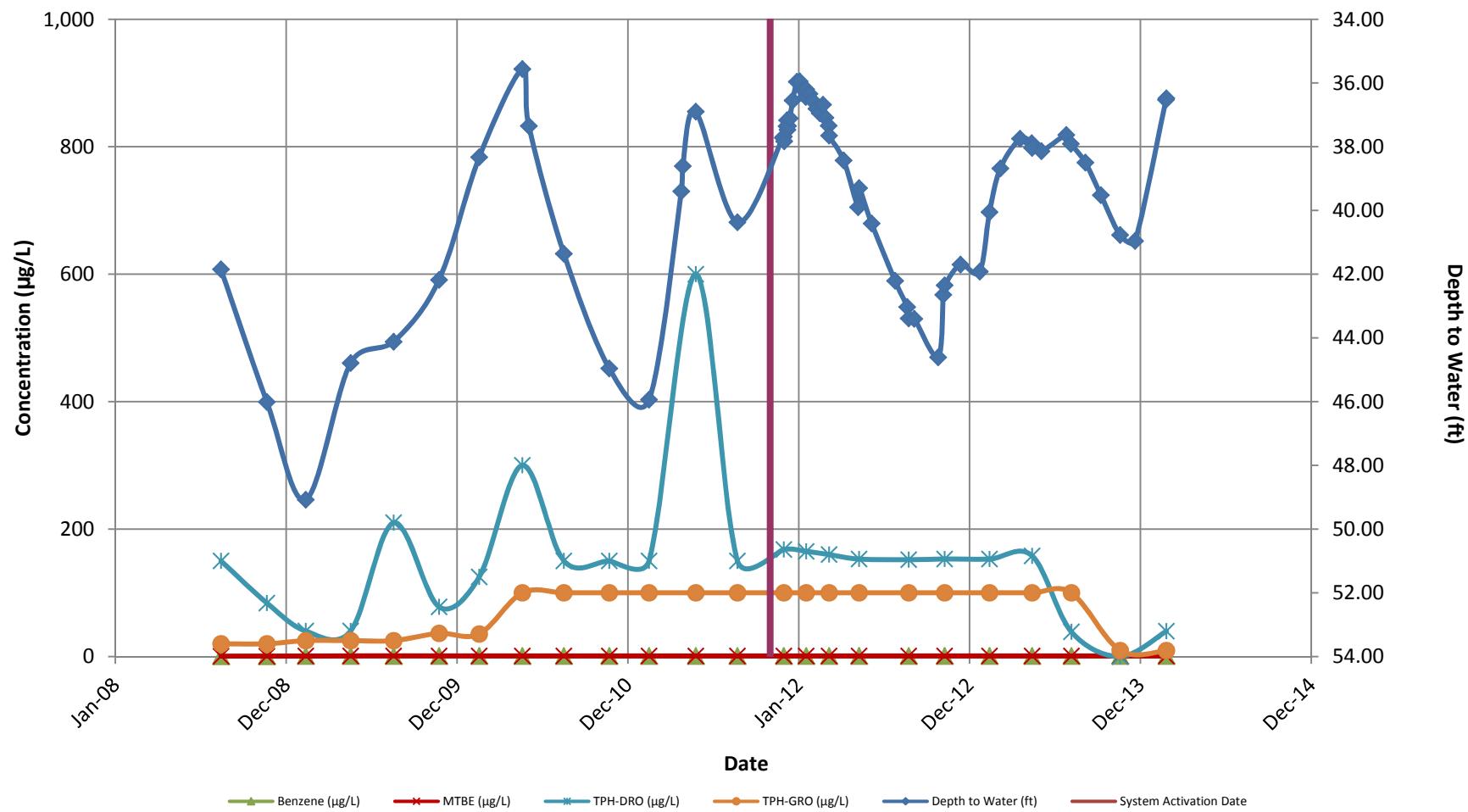


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-13A

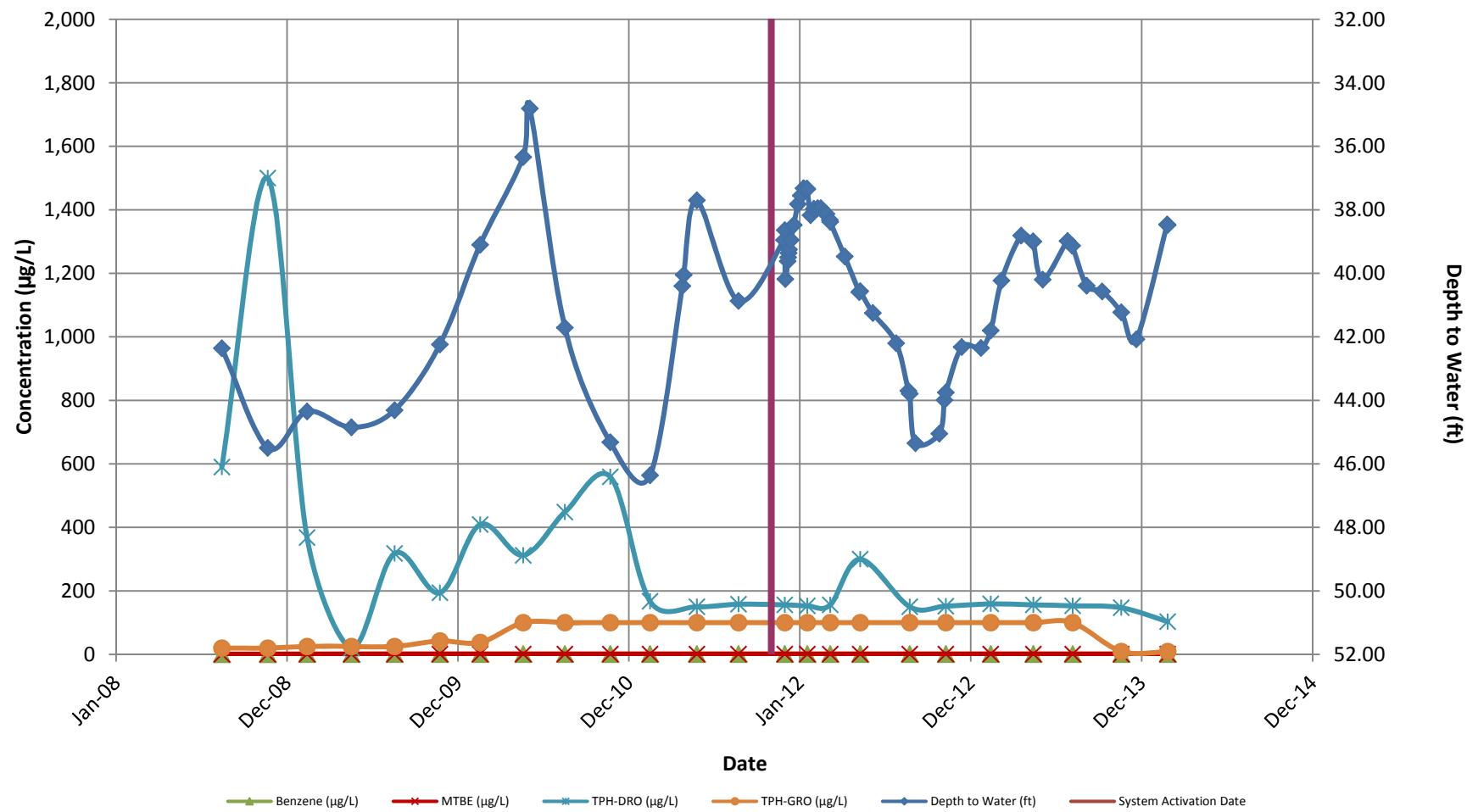


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-13B

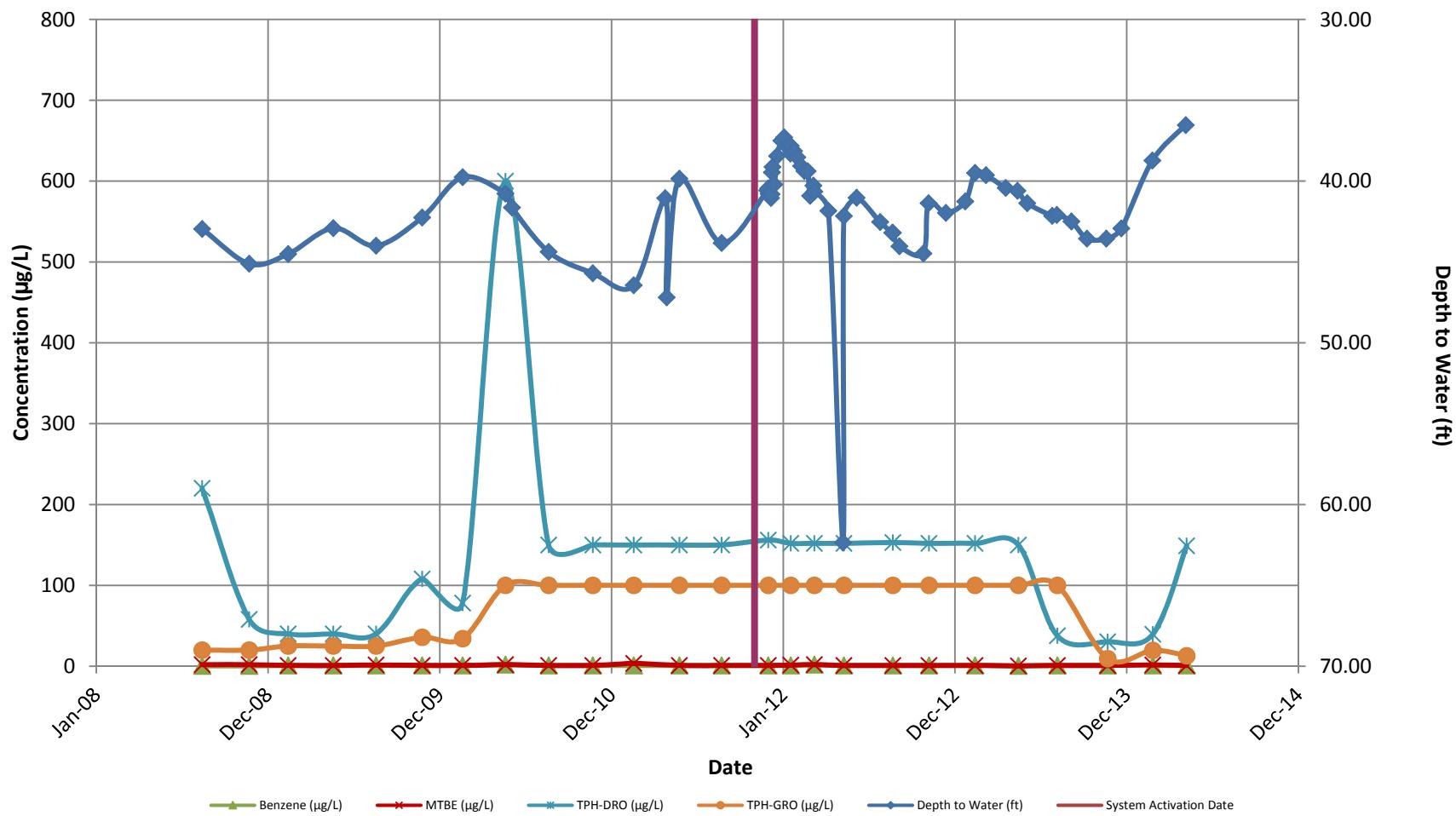


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-14A

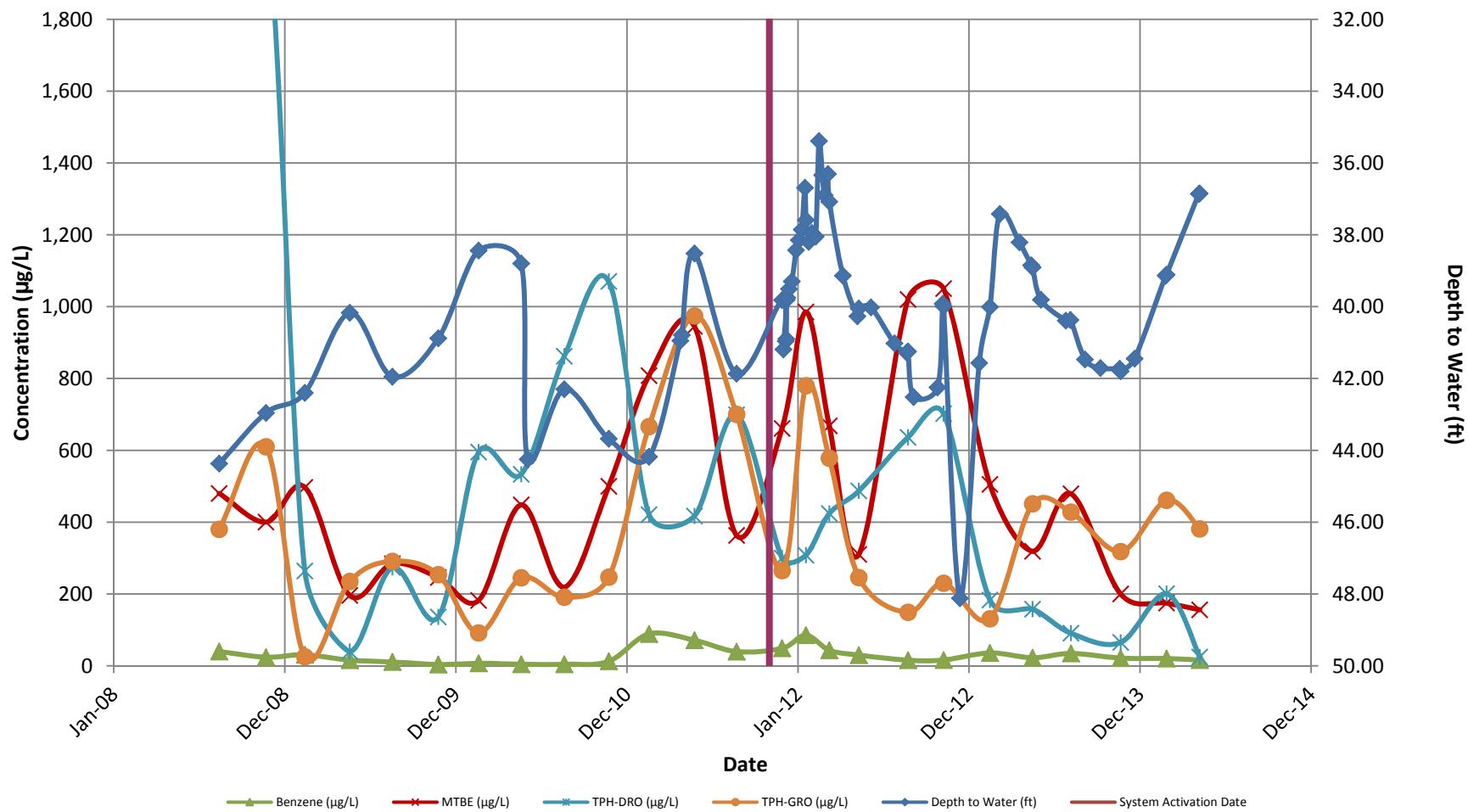


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-14B

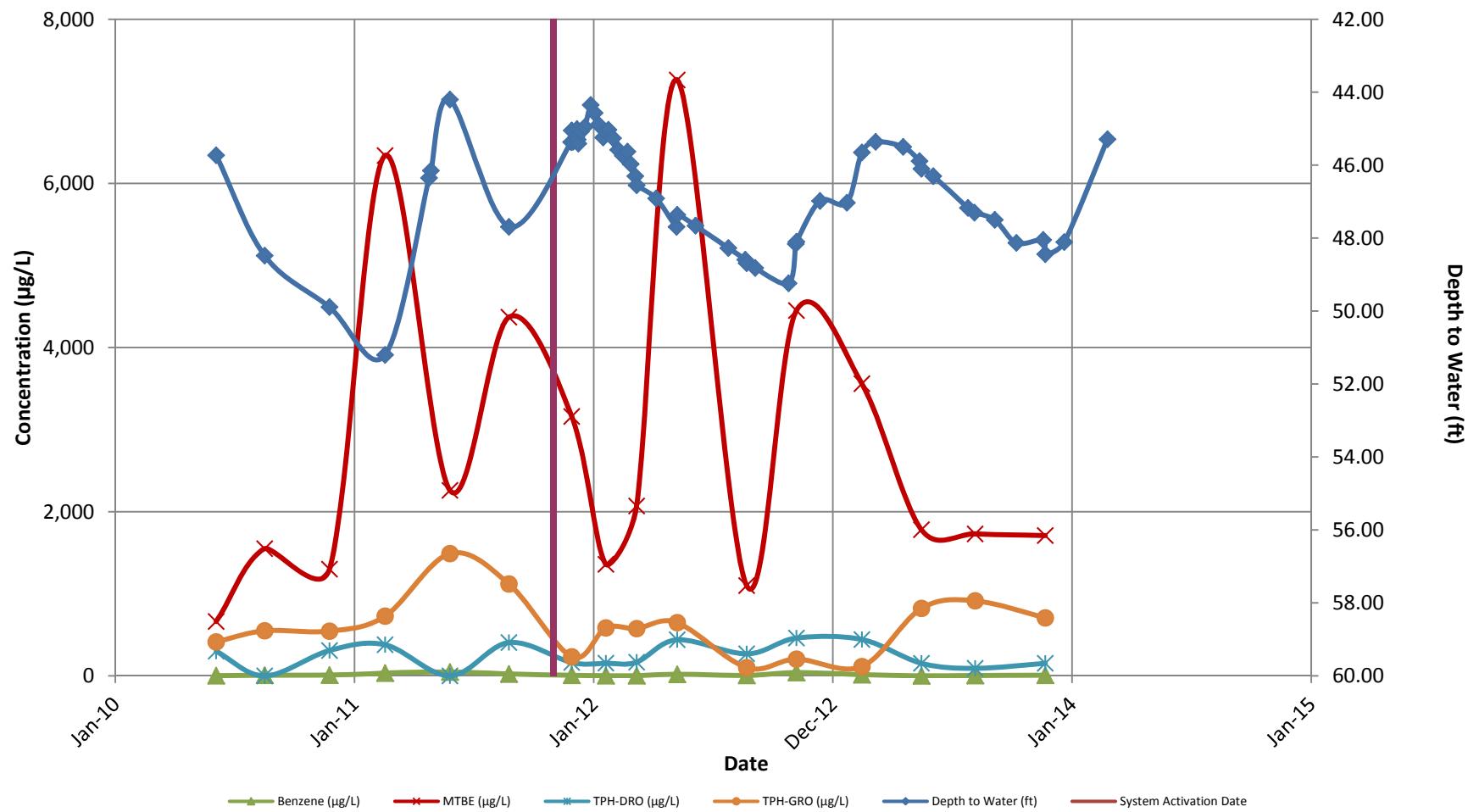


- Notes:
1. The maximum TPH-DRO concentration is 2,100 $\mu\text{g/L}$.
 2. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND < 100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-15

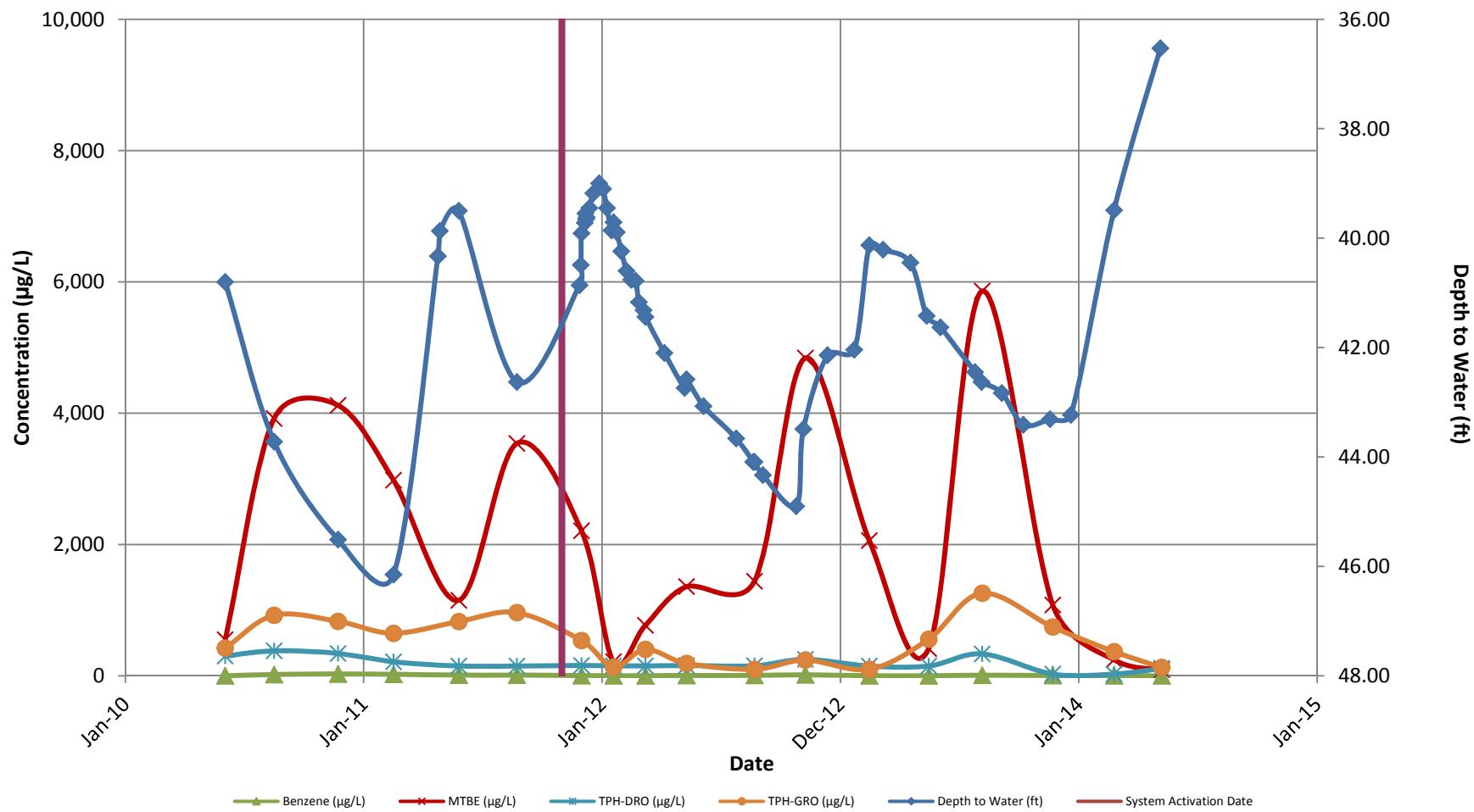


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-16A

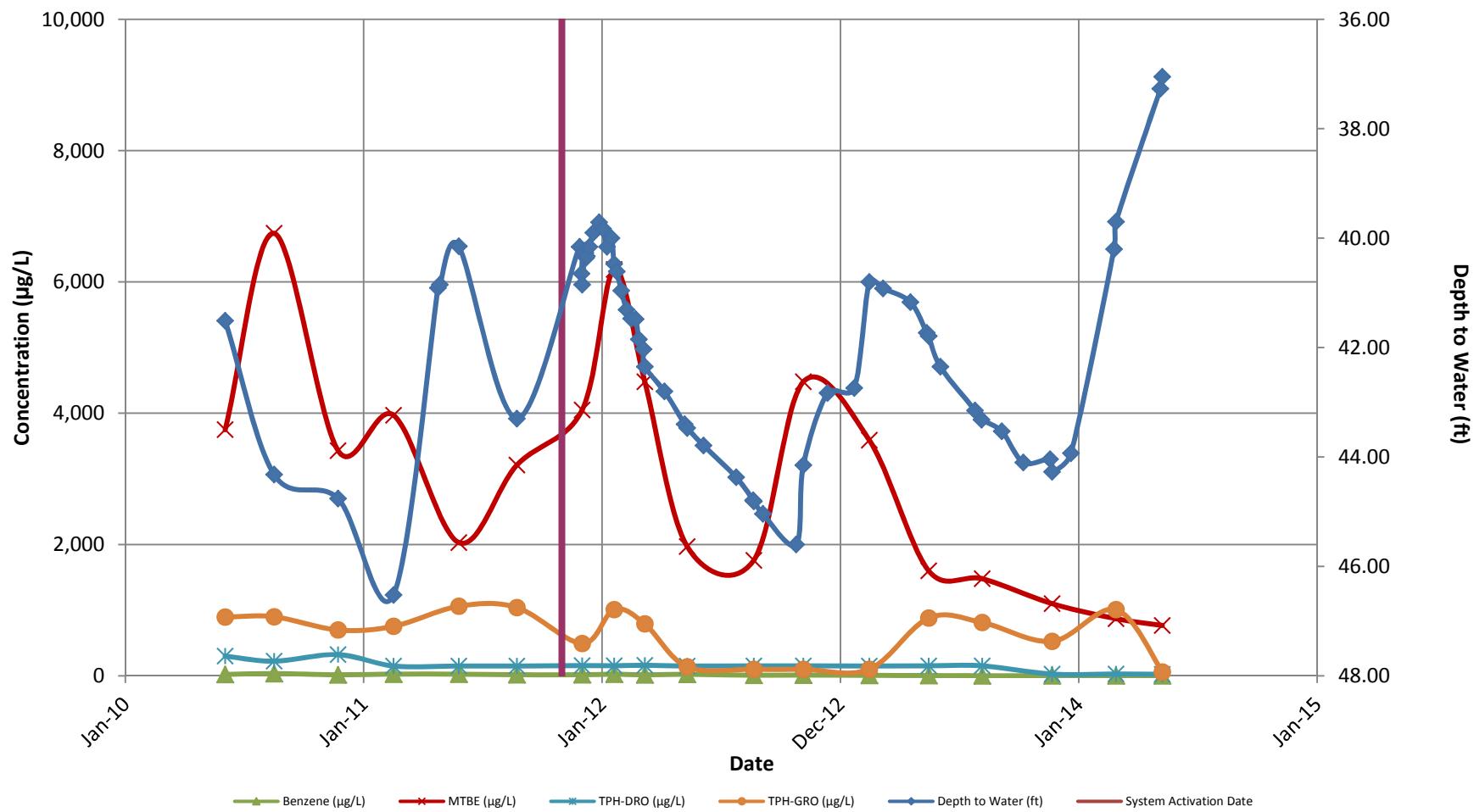


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-16B

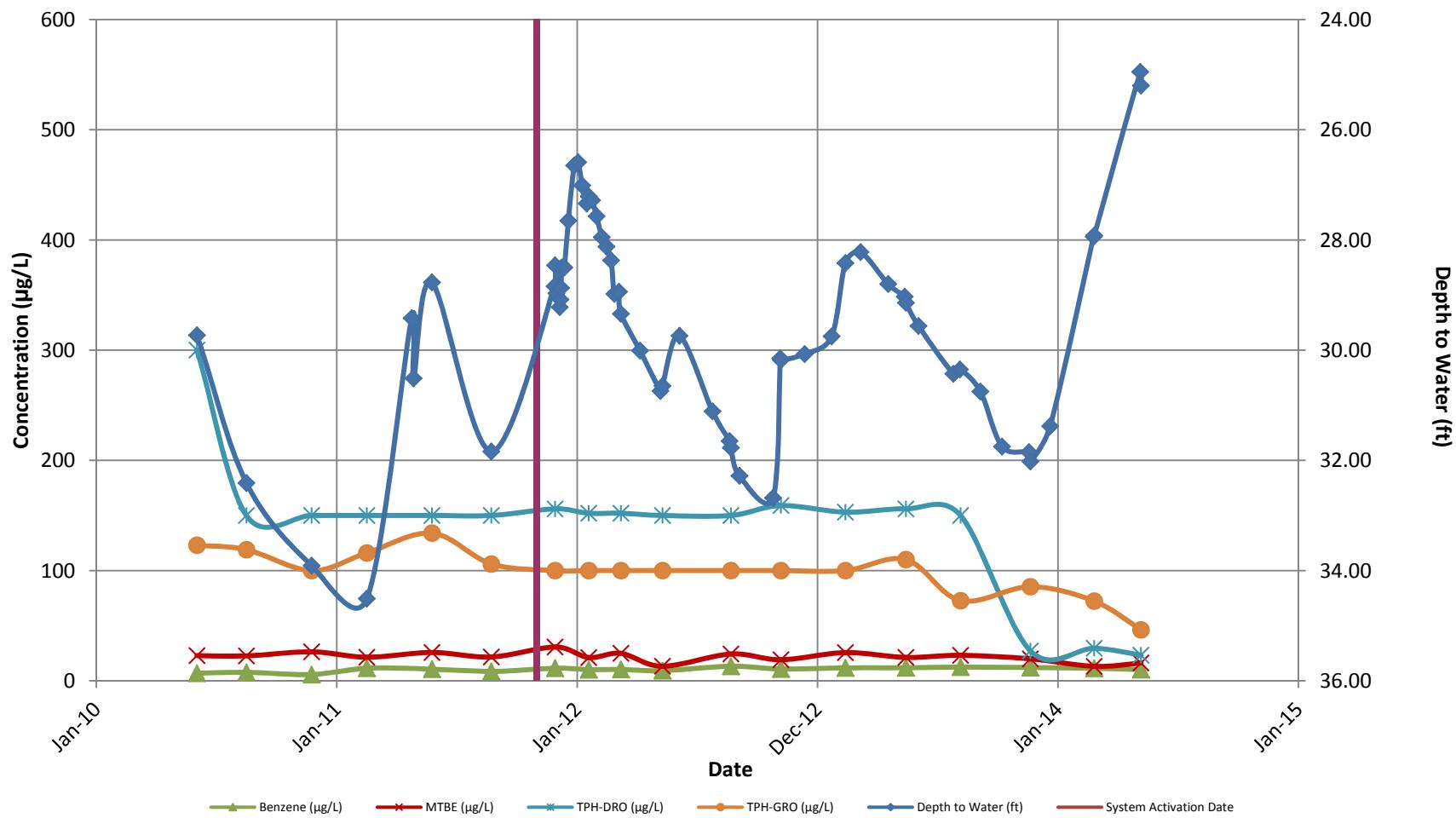


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-17A

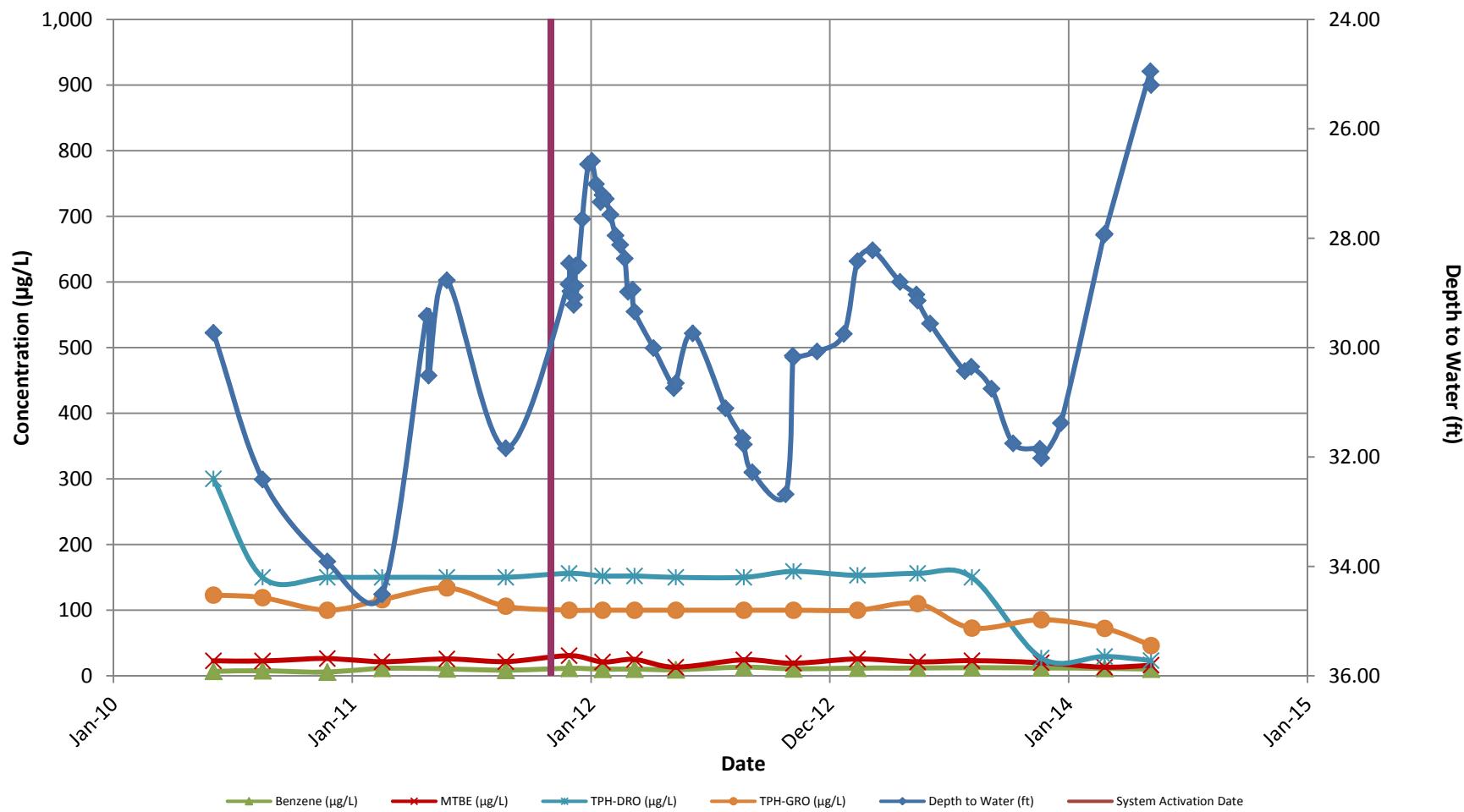


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-17B

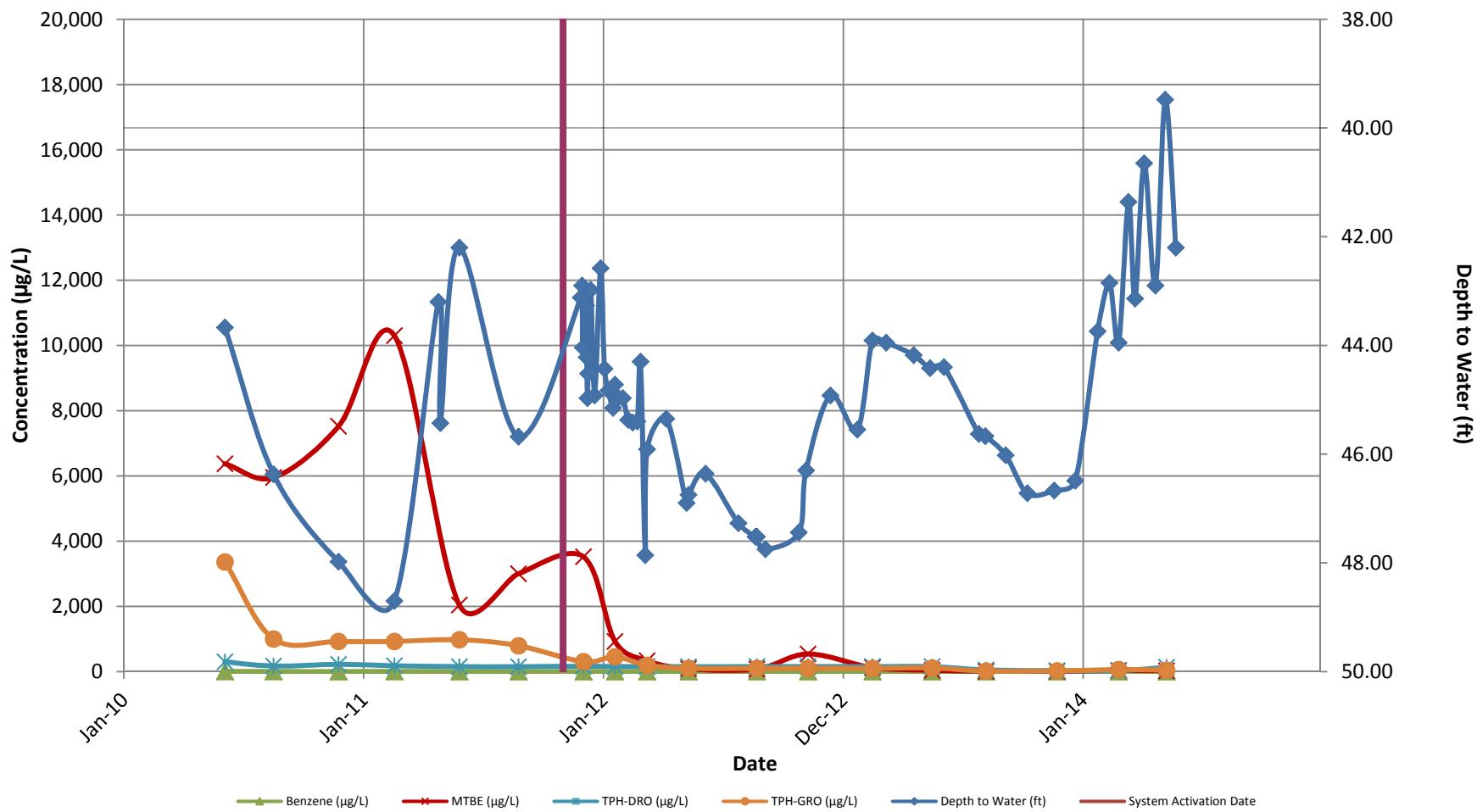


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g}/\text{L}$, 100 $\mu\text{g}/\text{L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-18A

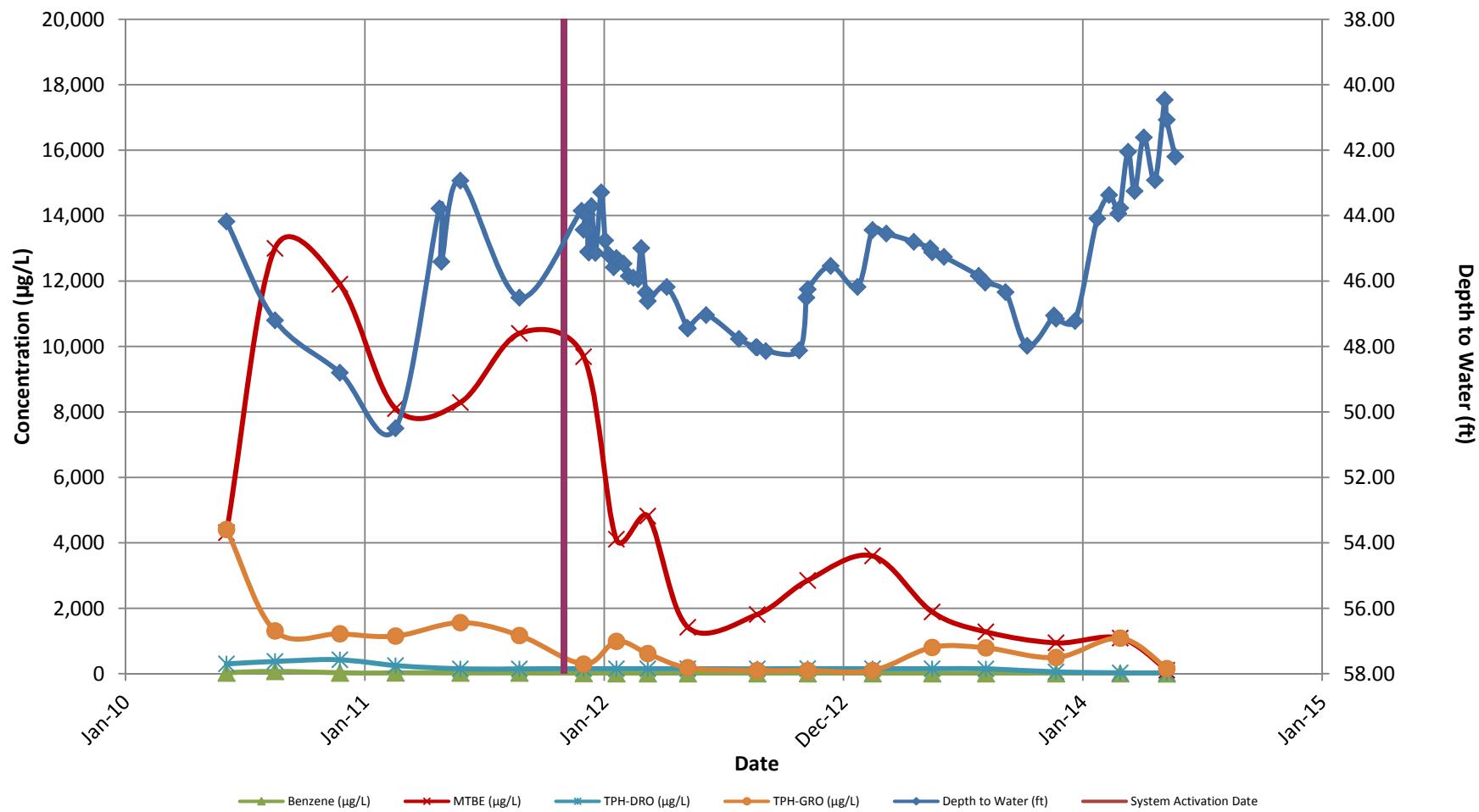


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 µg/L, 100 µg/L is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-18B

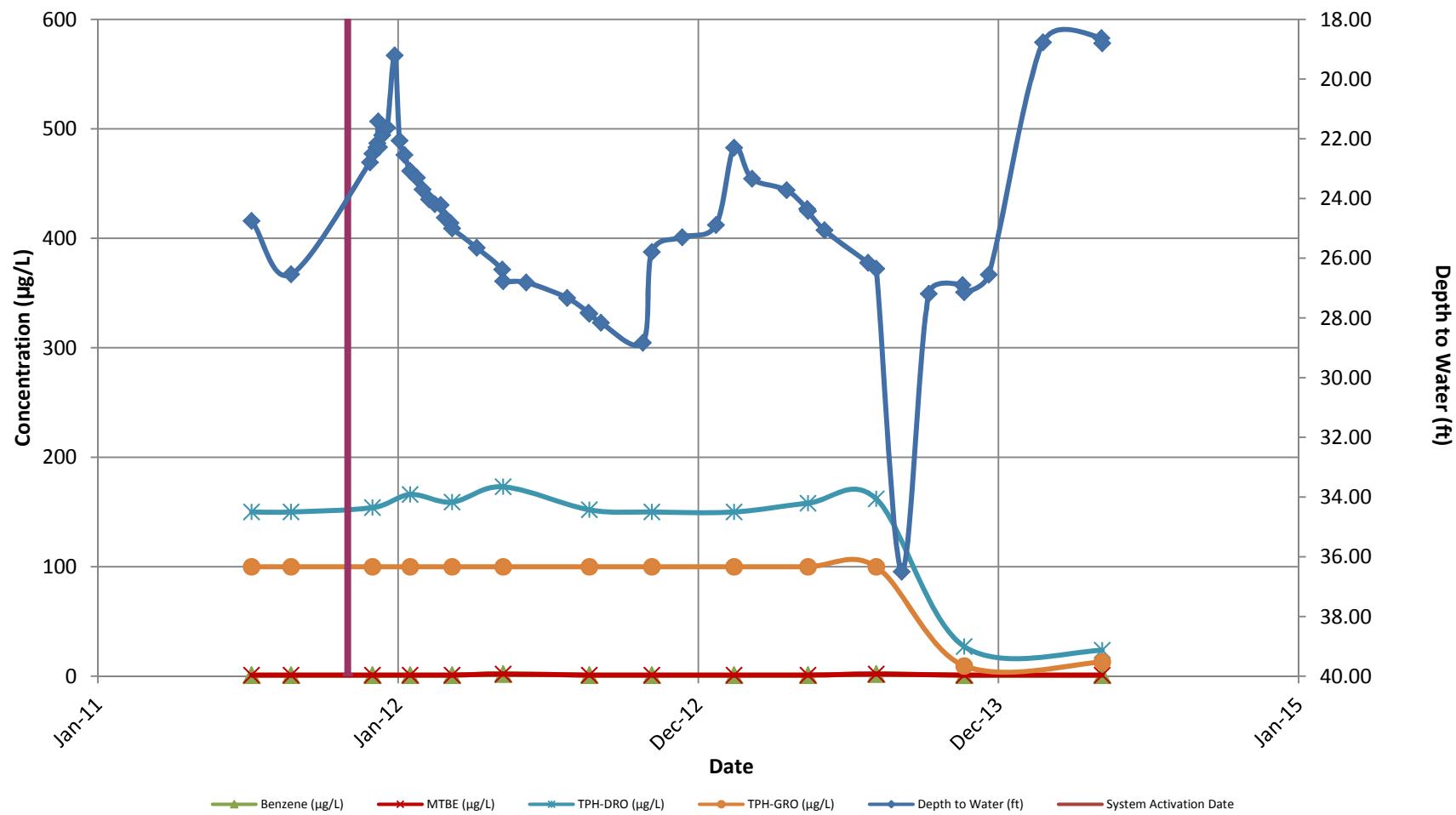


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-19A

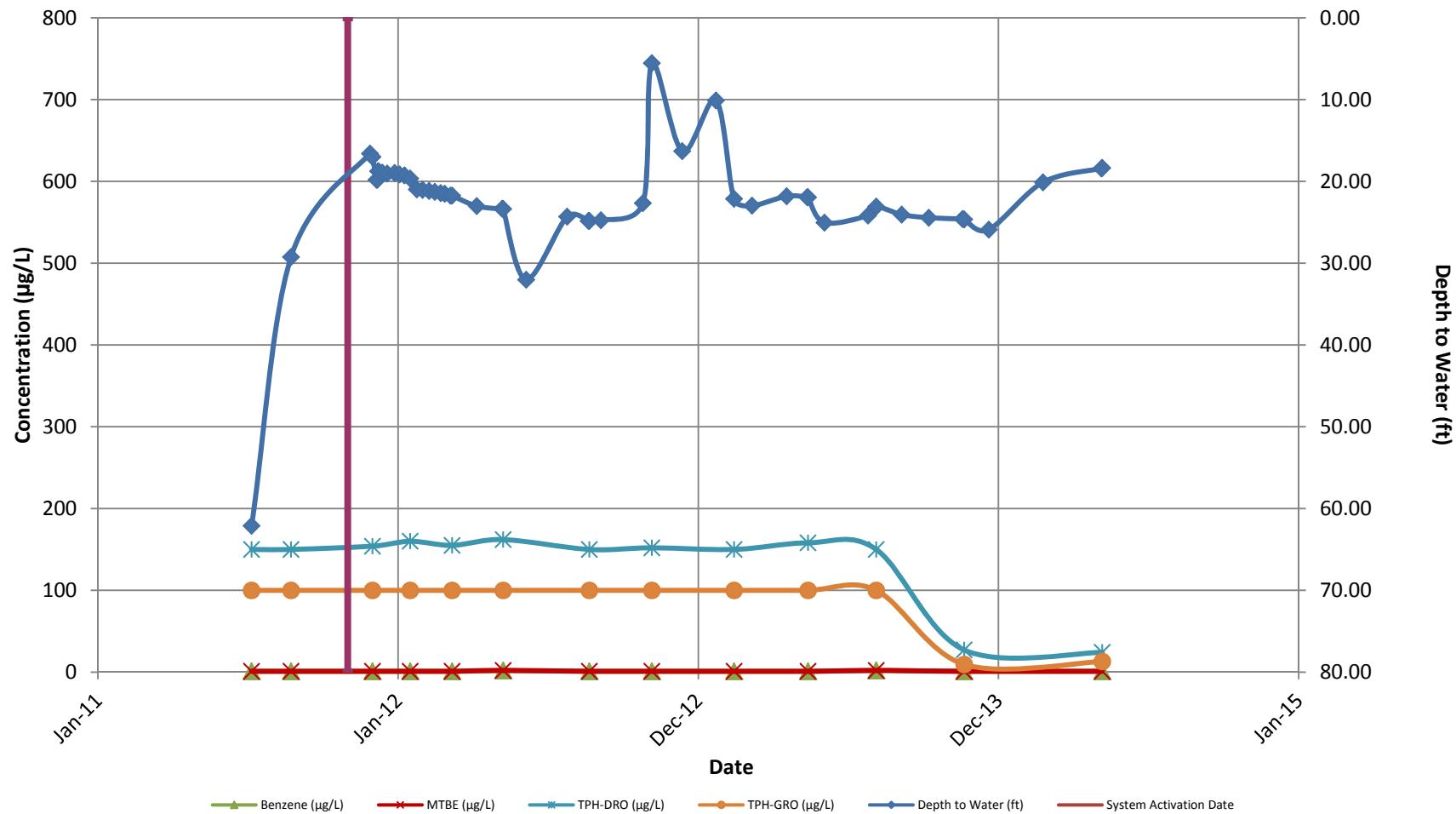


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-19B

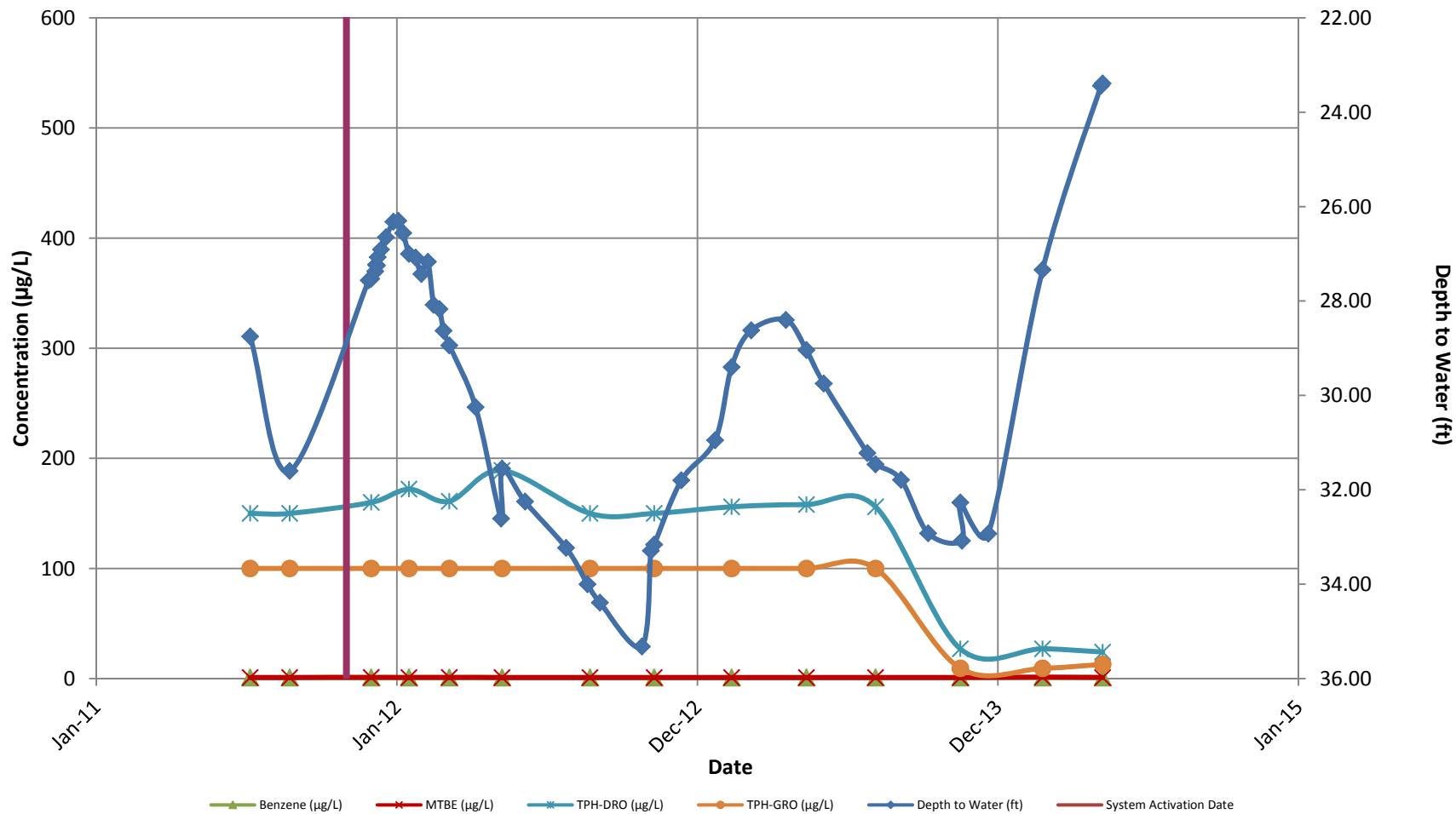


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g}/\text{L}$, 100 $\mu\text{g}/\text{L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-20A

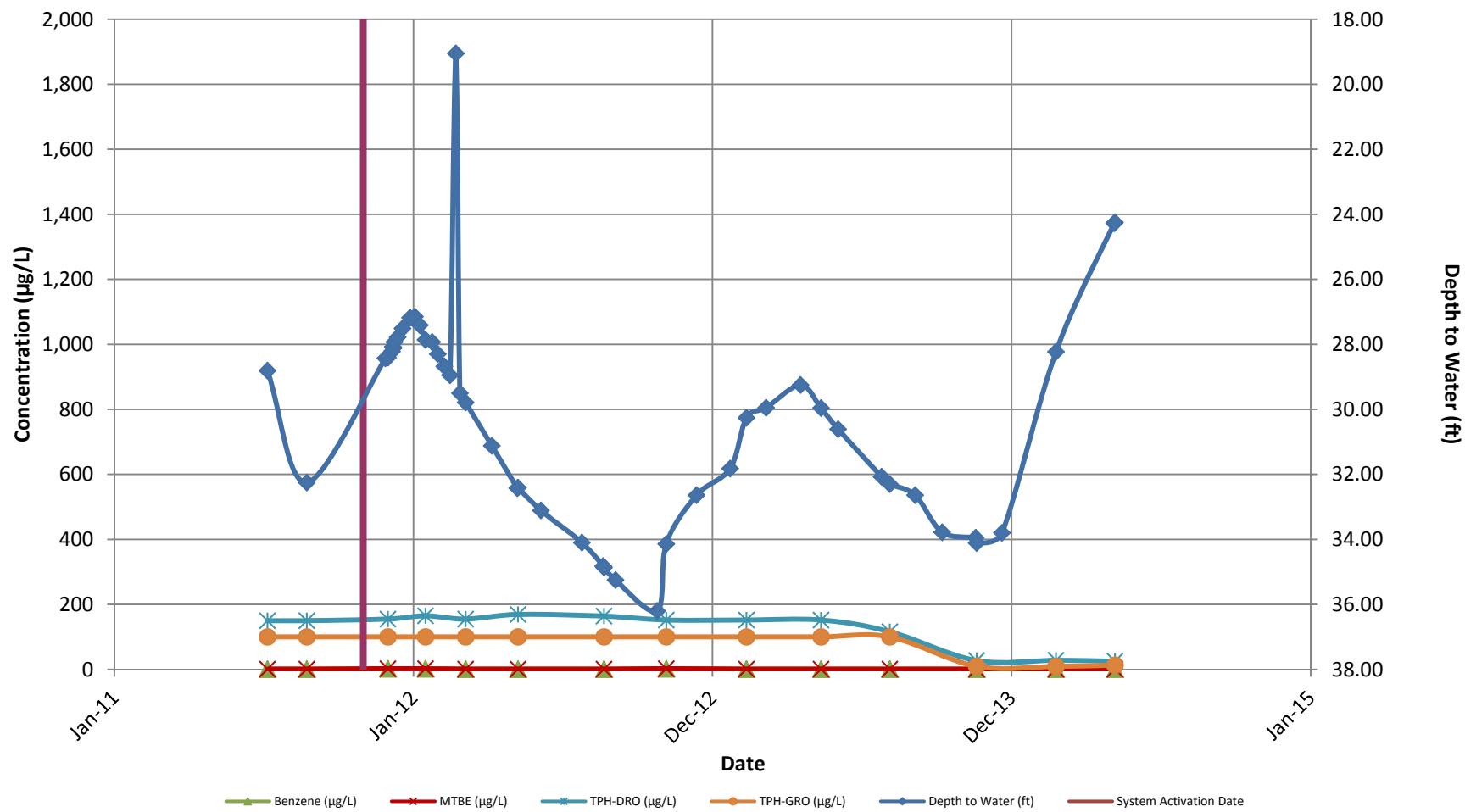


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-20B

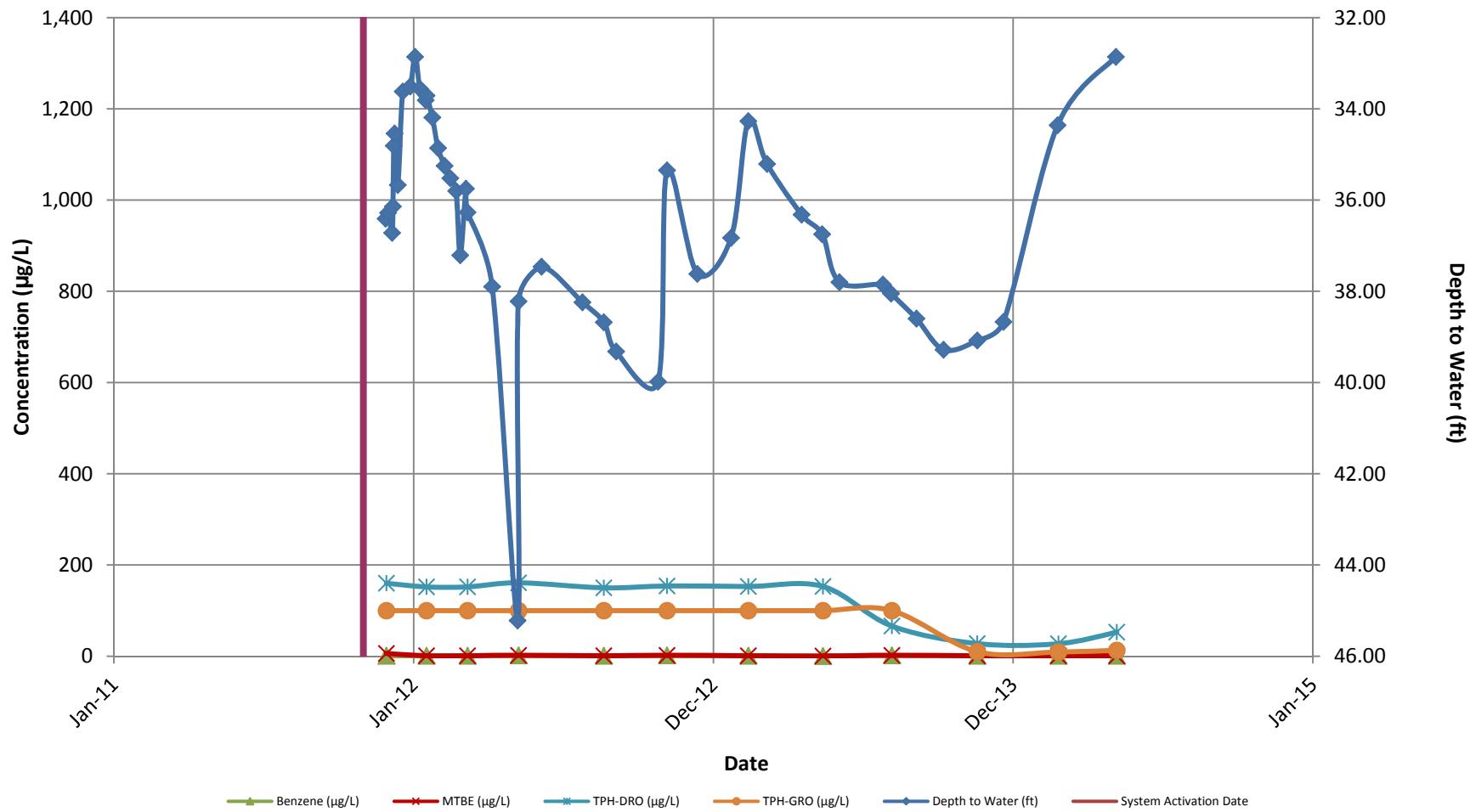


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g}/\text{L}$, 100 $\mu\text{g}/\text{L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-21

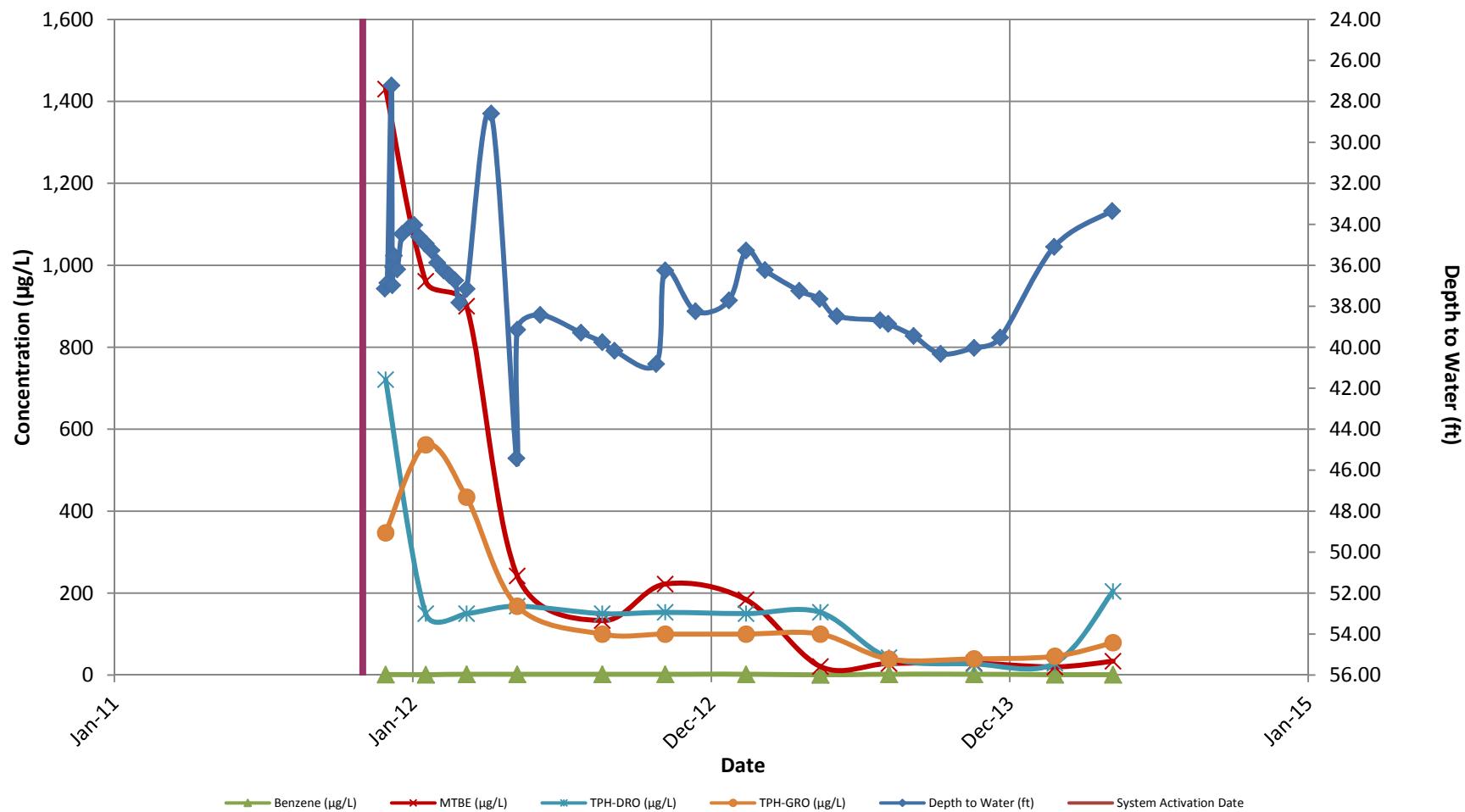


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-22

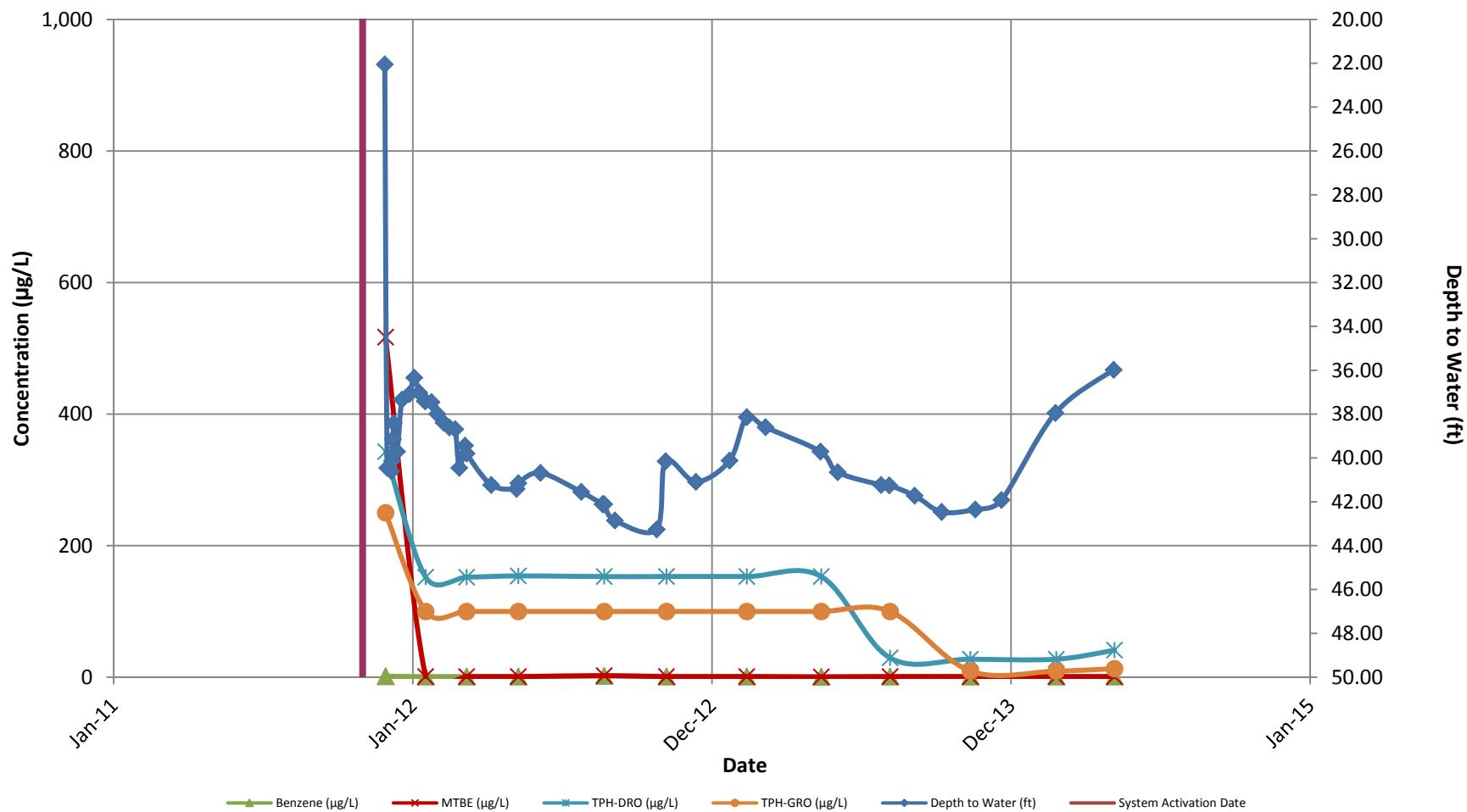


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g}/\text{L}$, 100 $\mu\text{g}/\text{L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-23

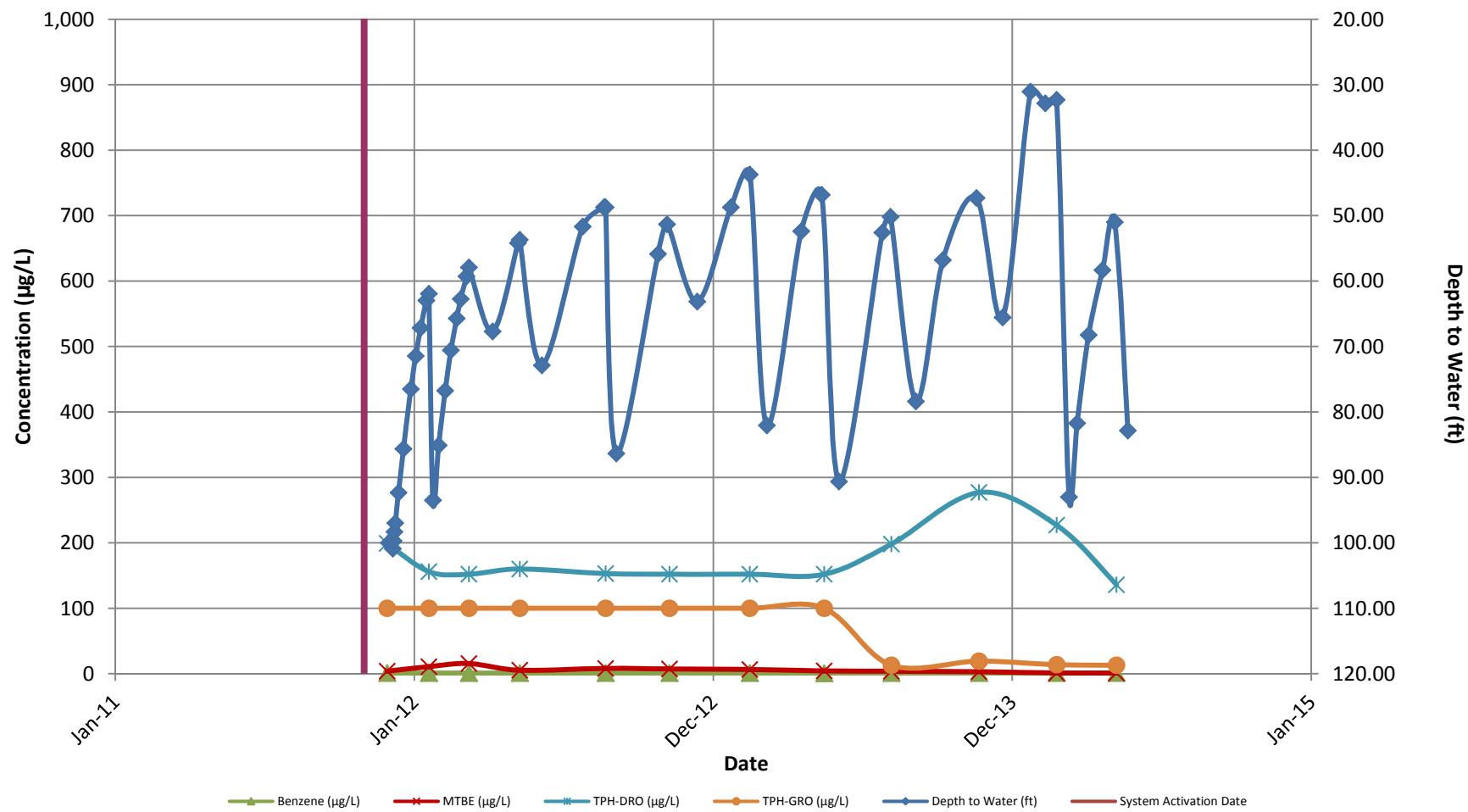


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g}/\text{L}$, 100 $\mu\text{g}/\text{L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-24B

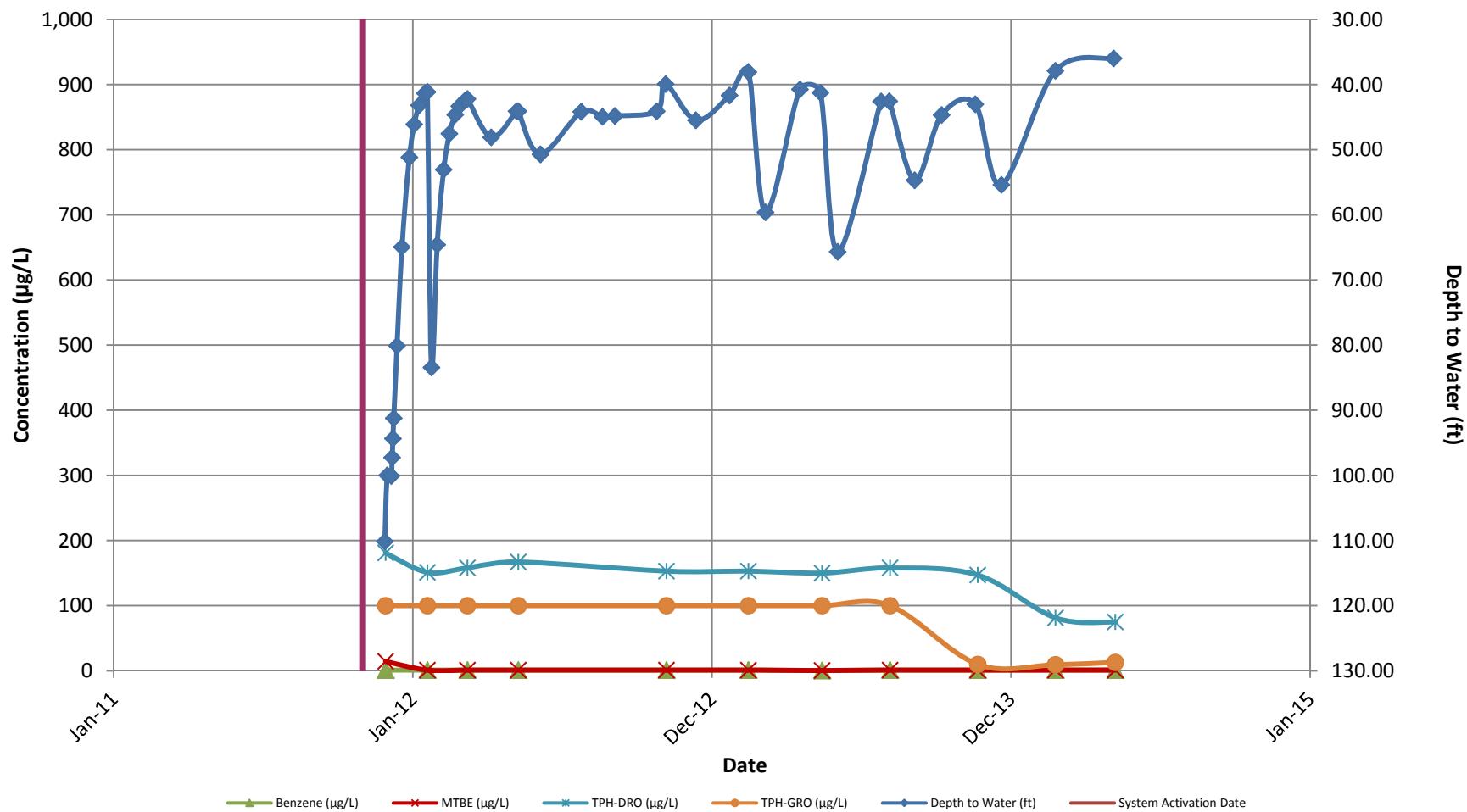


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Monitoring Well MW-25B

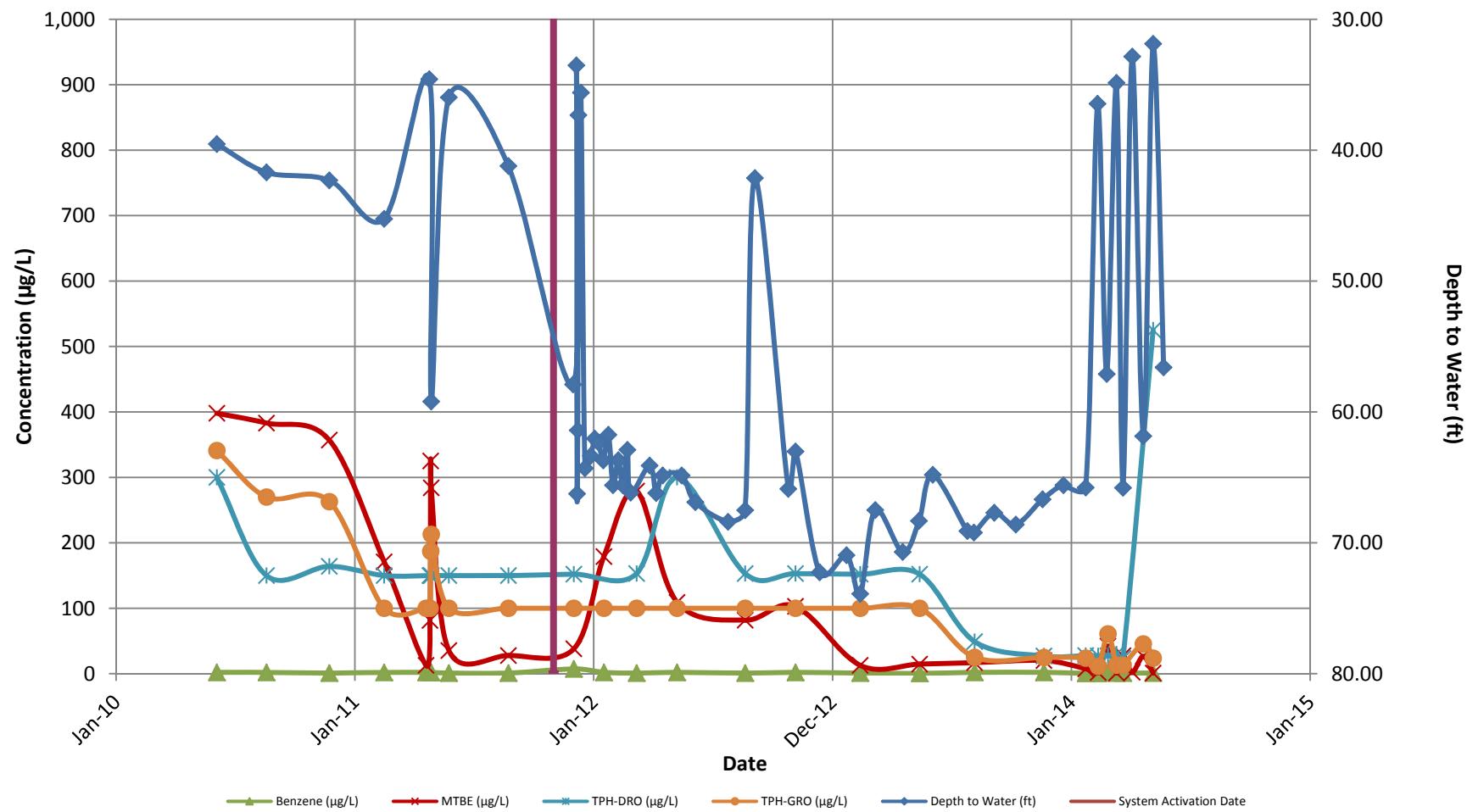


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g}/\text{L}$, 100 $\mu\text{g}/\text{L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

Recovery Well RW-1

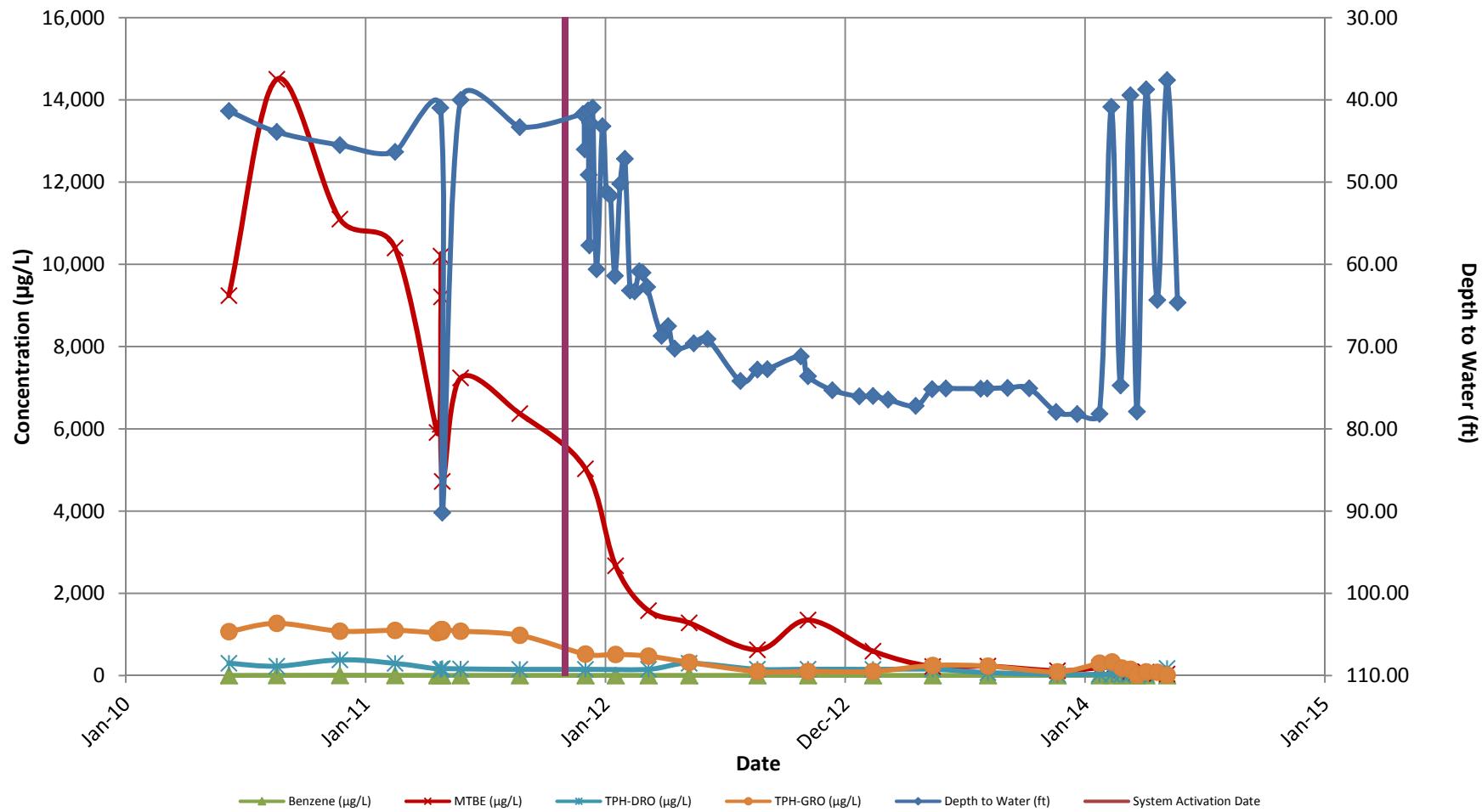


Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).

CONCENTRATION HYDROGRAPHS

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

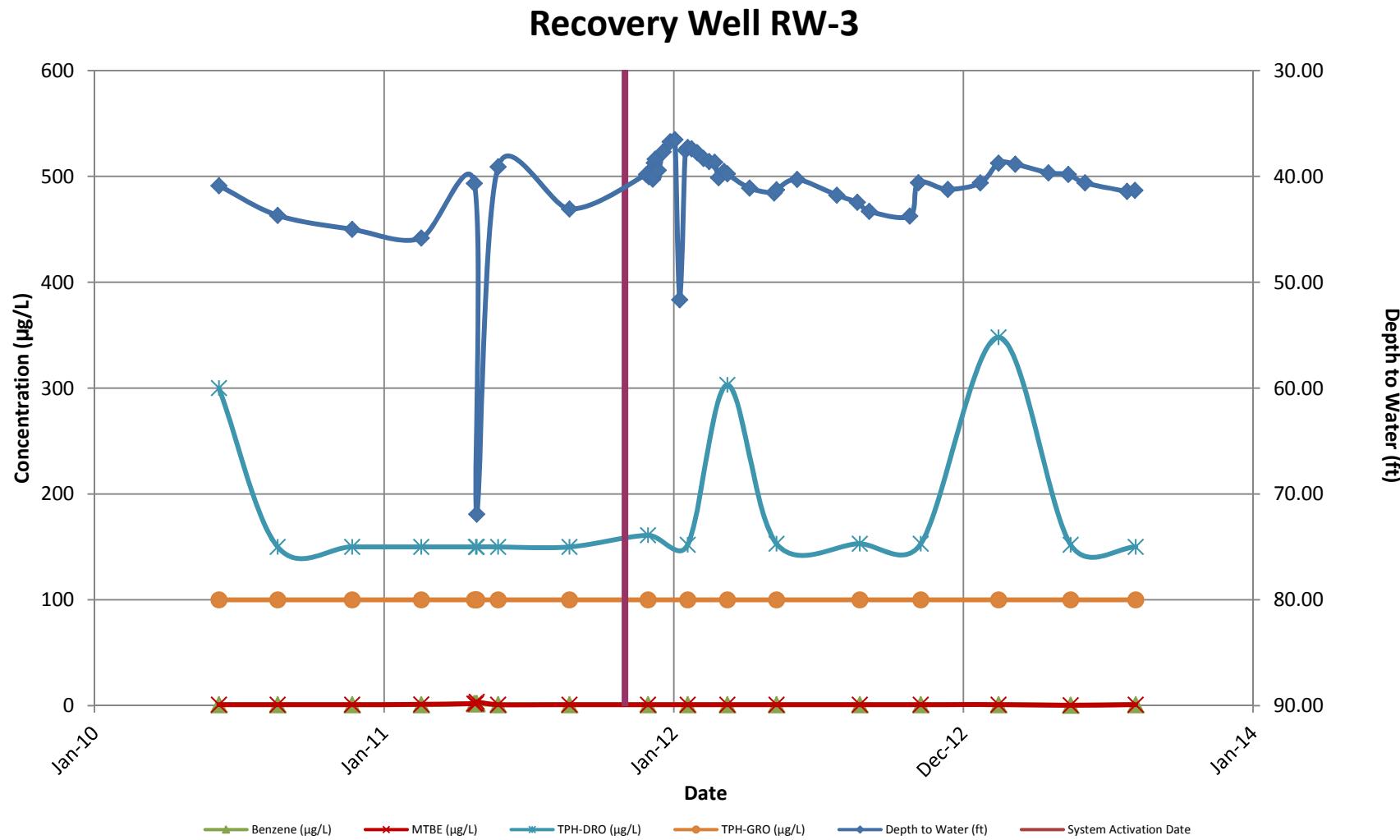
Recovery Well RW-2



Note: 1. Non-detect results are plotted at the method detection/reporting limit (i.e., for TPH-GRO = ND<100 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ 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 $\mu\text{g/L}$, 100 $\mu\text{g/L}$ is plotted).