May 29, 2020

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

RE: **FIRST SEMI-ANNUAL 2020 MONITORING REPORT**
MDE Case No. 2006-0442-HA
High's Store No. 130
4101 Norrisville Road, Jarrettsville, Harford County, Maryland
Facility ID No. 2057

Dear Ms. Bull:

Groundwater & Environmental Services, Inc. (GES), on behalf of High's of Baltimore, LLC (High's), is pleased to submit the attached First Semi-Annual 2020 Monitoring Report for the above mentioned facility. For the First Semi-Annual 2020 monitoring period, the following activities were completed:

- gauging of monitoring wells MW-1, MW-2, MW-3 MW-4/4D, MW-5/5D and MW-6/6D was completed on April 16, 2020 (tank field observation pipes were gauged as dry this day);
- annual sampling of monitoring wells MW-1, MW-2 and MW-3 and semi-annual sampling of monitoring wells MW-4/4D, MW-5/5D and MW-6/6D were completed on April 16, 2020;
- quarterly sampling of the liquid granular activated carbon (LGAC) filtration systems at 3914 Madonna Road and 3921 Greenpeak Road was completed on January 29, 2020;
- quarterly sampling of the residential potable well at 3922 Greenpeak Road was completed on January 29, 2020;
- annual sampling of the onsite potable well at 4101 Norrisville Road was completed on January 29, 2020 and;
- annual sampling of the residential potable wells at 3908 and 3922 Madonna Road was completed on January 29, 2020 and February 13, 2020, respectively.

Due to health concerns regarding the novel corona virus, potable water sampling for the Second Quarter of 2020 was temporarily suspended for the case. This includes sampling at 3914 Madonna Road, 3921 Greenpeak Road, and 3922 Greenpeak Road. GES has recently been instructed by High's to resume attempts to coordinate potable well sampling at the three homes before the end of the Second Quarter 2020 (June 30, 2020.) Any sample results collected from these residents through the end of the Second Quarter 2020 will be forwarded to the MDE and the Harford County Health Department (HCHD).

On December 8, 2016, GES submitted the *Second Semi-Annual 2016 Monitoring and Conceptual Site Model Report* for the case. Based on the analysis presented in the Conceptual Site Model (CSM), GES concluded that impacts of methyl tert-butyl ether (MTBE) currently identified in select potable wells within

the community of Charbonnet/Madonna, as associated to MDE Case No.2006-0442-HA, are most likely sourced from historical petroleum releases originating from the Maryland Department of Natural Resources (DNR) Madonna Ranger station property located at 3919 Madonna Road.

In June 2017, the MDE, in conjunction with the HCHD, conducted additional potable water sampling in the community of Charbonnet/Madonna. GES was provided the analytical results from the investigation, and has incorporated the data into the Historical Potable Well Analytical Data Summary attached to this correspondence as Table 2.

On December 13 2017, the MDE issued correspondence to High's which included a directive to work in cooperation with the DNR to initiate routine sampling at several additional potable well locations in the community of Charbonnet/Madonna. GES was informed by our client that attempts were made to contact DNR who was unresponsive to the attempted communication.

In April 2018, High's was provided a February 28, 2018 DNR report indicating the DNR's position that the former LUST cases associated to the DNR Madonna Ranger Station (located at 3919 Madonna Rd.), were not the source of historical potable well impacts determined within the community of Charbonnet/Madonna. At High's request, GES reviewed the DNR report and concluded that the report was deficient in its presentation of a CSM explaining the distribution of MTBE within the community as sourced exclusively from the High's site.

Therefore, due to DNR's failure to communicate with High's, and their position that they are not a Responsible Party, High's cannot in good faith proceed with the expanded sampling requested from MDE. High's is not in agreement with the MDE's December 13, 2017 directive for additional potable sampling.

To protect and serve the citizens of the local community, Highs' has elected to continue sampling the assigned potable locations at the frequency noted in the prior MDE directive for LUST # 2006-0442-HA issued to High's on May 16, 2017.

On January 10, 2020 GES, on behalf of High's, submitted a request for release from Point-Of-Entry Treatment (POET) maintenance responsibility for the 3914 Madonna Road, due to low influent constituent concentrations. GES and High's look forward to the Department's decision with the request.

If you have any questions or would like additional information, please contact the undersigned at (800) 220-3606, extension 3726 or Herb Meade at (410) 261-5450.

Sincerely,

Pete Reichardt
Project Manager

Enclosure

c: Susan Bull – MDE (2 additional copies & CD)
Herb Meade –High's of Baltimore (e-copy)
Julie Mackert - Harford County Health Dept. (CD)
File – GES, MD (PSID 812600)

Consultant Contact:	Pete Reichardt, Groundwater & Environmental Services, Inc. (GES)
Client Contact:	Herb Meade, High's of Baltimore
Site Use:	Active commercial store and service station that operates one 10,000-gallon gasoline, two 8,000-gallon gasoline, and one 10,000-gallon compartmentalized diesel/kerosene.
Surrounding Area:	Residential and commercial
Sensitive Receptors:	Potable Wells: This site is served by one onsite supply well. The surrounding commercial and residential properties are all served by potable wells. Schools/Daycare/Hospitals: None Surface Water/Wetlands: None
Date of Most Recent Regulatory Correspondence:	January 10, 2020 Recent regulatory correspondence are documented in **Appendix A – Historical Activity Summary**.

REGULATORY INTERACTION

Agency:	Maryland Department of the Environment
Agency Contact:	Susan Bull
MDE Case #:	2006-0442-HA

SCHEDULE OF ROUTINE ACTIVITIES

Groundwater Sampling:	All monitoring wells and tank field wells
Sampling Frequency:	Annually: MW-1, MW-2, MW-3 Semi-Annual: MW-4/4D, MW-5/5D and MW6/6D
Laboratory Analyses:	*Full-suite volatile organic compounds (VOCs), including oxygenates and naphthalene, via EPA Method 8015 and TPH-GRO and TPH-DRO via EPA Method 8260*

Potable/System Sampling:

LGAC System Location:	**Sampling Frequency:**
3914 Madonna Rd.	Quarterly
3921 Greenpeak Rd.	Quarterly

Potable Well Location:	**Sampling Frequency:**
3908 Madonna Rd.	Annually
3922 Greenpeak Rd.	Quarterly
3922 Madonna Rd.	Annually

Potable/System Sampling (cont.):

Onsite Supply Well Sampling:	**Sampling Frequency:**
4101 Norrisville Rd.	Annually
Laboratory Analyses (all potable/system samples):	*Target List VOCs, including oxygenates and naphthalene, via EPA Method 524.2*

"LGAC" = Liquid granular activated carbon

SEMIANNUAL GROUNDWATER DATA SUMMARY

Groundwater Sampling Date:	April 16, 2020
# of Wells / # Sampled (including TF wells):	16/9 (TF wells not sampled due to insufficient water)
Relative Groundwater Elevation Range (ft):	72.56 feet (MW-5) to 75.79 feet (MW-2)
Maximum Benzene:	Non-Detect (Reporting Limit of 0.05 µg/L)
Maximum BTEX:	Non-Detect (Reporting Limit of 0.38 µg/L)
Maximum MTBE:	5.6 µg/L (MW-1)
Maximum TPH-DRO:	Non-Detect (Reporting Limit of 51 µg/L)
Maximum TPH-GRO:	Non-Detect (Reporting Limit of 23 µg/L)

"J" = Detected between the Method Detection Limit (MDL) and Reporting Limit (RL); therefore, the result is an estimated value.
"µg/L" = micrograms per liter

FUTURE ACTIVITIES – Second Semi-annual Period 2020

- Conduct quarterly residential potable sampling
- Continue maintenance of the LGAC filtration systems at 3914 Madonna Road and 3921 Greenpeak Road unless otherwise directed by the MDE. (Carroll awaits MDE response regarding Jan. 2020 request for release of maintenance responsibility at 3914 Madonna Rd.)
- Conduct Second Semi-annual 2020 groundwater monitoring event

ATTACHMENTS

FIGURES

Figure 1 Site Location Map
Figure 2 Local Area Map
Figure 3 Site Map
Figure 4 Groundwater Monitoring Map, Shallow Wells, April 16, 2020
Figure 5 Groundwater Monitoring Map, Deep Wells, April 16, 2020

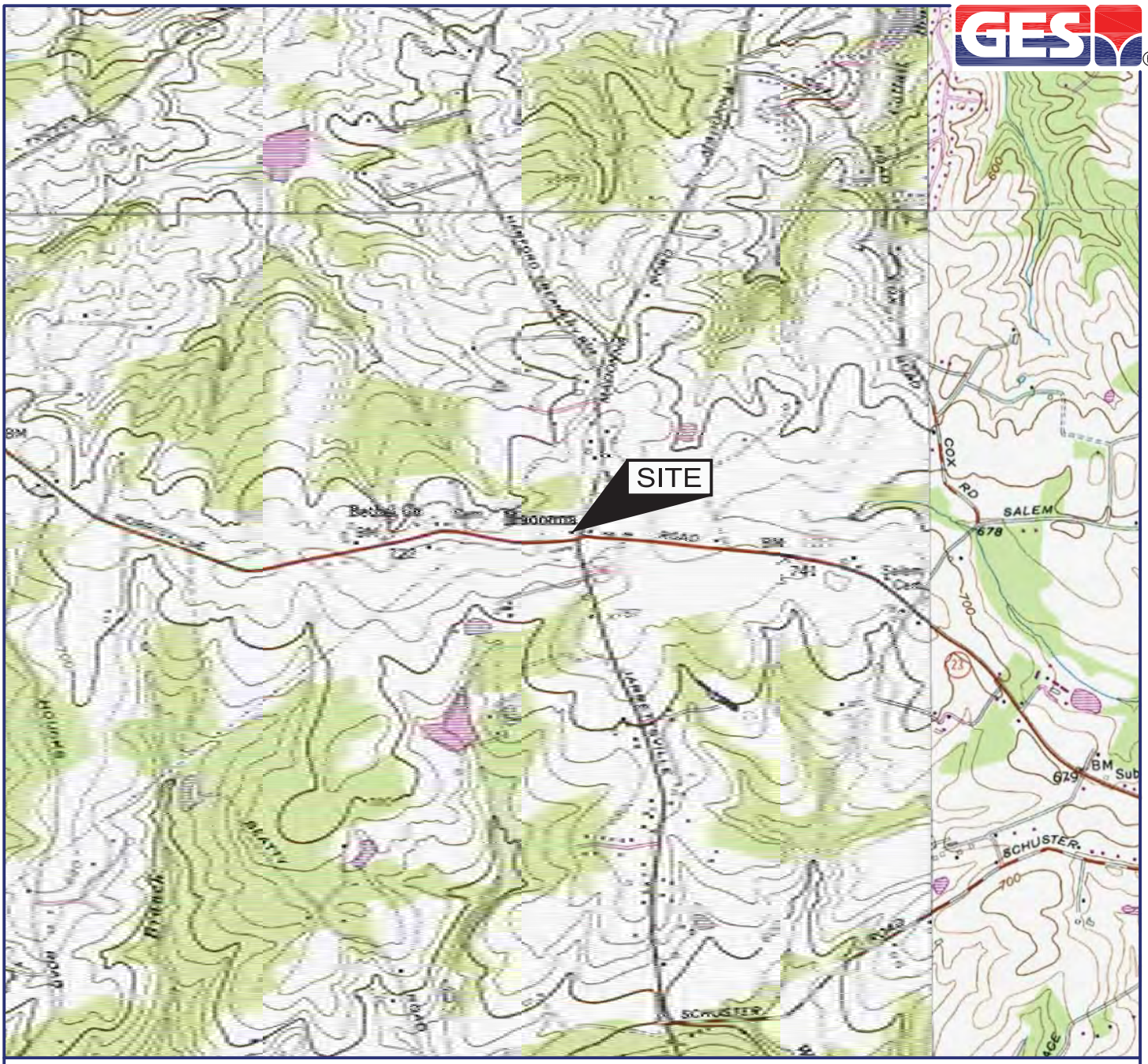
TABLES

Table 1 Historical Monitoring Well Analytical Data Summary
Table 2 Historical Potable Well Analytical Data Summary
Table 3 Monitoring Well Specifications Summary

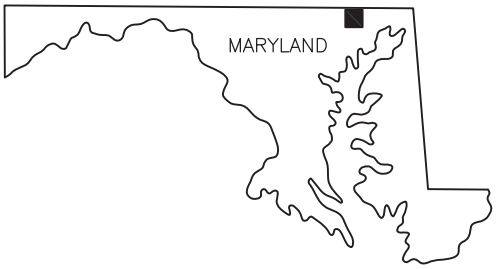
APPENDIX

Appendix A Historical Activity Summary
Appendix B Laboratory Reports and Chain-of-Custody Documentation
Appendix C Vertical Gradient Calculations

FIGURES



SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1974
PHOENIX, MARYLAND
CONTOUR INTERVAL = 20'



QUADRANGLE LOCATION

DRAFTED BY: B.C.S. (N.J.)	SITE LOCATION MAP
CHECKED BY: DR	HIGH'S STORE #130 4101 NORRISVILLE ROAD MADONNA, MARYLAND
REVIEWED BY: GR	
NORTH	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113

SCALE IN FEET	DATE	FIGURE
0 — 2000	4-9-12	1

L:\Projects\Carroll Fuel\Active\MD_Madonna _4101 Norrisville Rd_Highs\Graphics

LEGEND

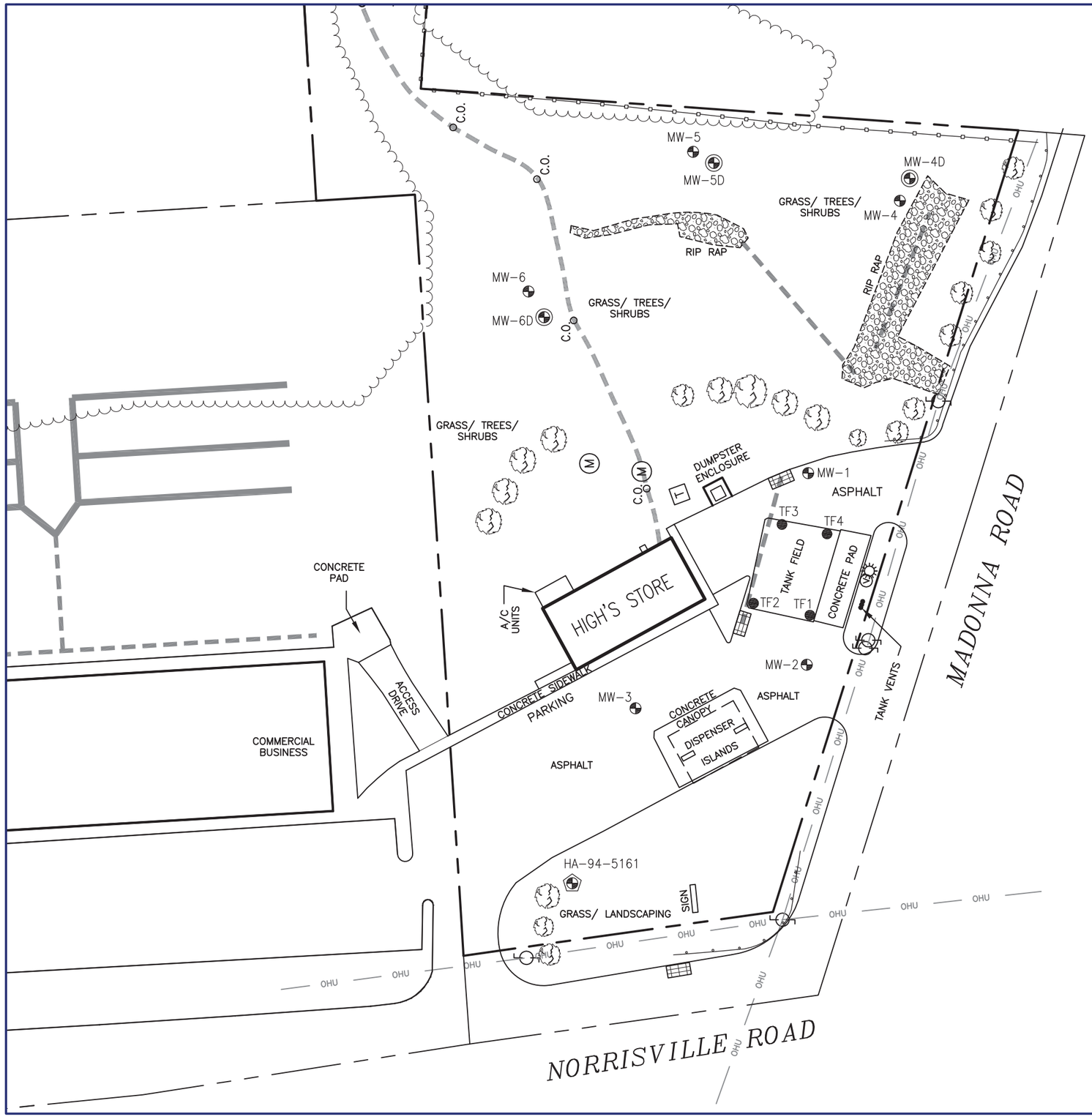
APPROXIMATE PROPERTY BOUNDARY

1. 3934 MADONNA ROAD
2. 3928 MADONNA ROAD
3. 3925 GREENPEAK ROAD
4. 3923 GREENPEAK ROAD
5. 3922 MADONNA ROAD (ANNUAL)
6. 3921 GREENPEAK ROAD (QUARTERLY)
7. 3922 GREENPEAK ROAD (QUARTERLY)
8. 3924 GREENPEAK ROAD
9. 3914 MADONNA ROAD (QUARTERLY)
10. 3908 MADONNA ROAD (ANNUAL)
11. 3931–3941 MADONNA ROAD
12. 3923 MADONNA ROAD
13. 3917–3919 MADONNA ROAD
14. 3911 MADONNA ROAD
15. 4111 CHARBONNET DRIVE
16. 4065 NORRISVILLE ROAD

Note:
1. Sample frequency is listed in parenthesis next to the address.

DRAFTED BY: W.A.W. (N.J.)	LOCAL AREA MAP
CHECKED BY: DR	HIGH'S STORE #130 4101 NORRISVILLE ROAD MADONNA, MARYLAND
REVIEWED BY: GR	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113
NORTH	SCALE IN FEET (APPROXIMATE) 0 300 / DATE 4–15–14 / FIGURE 2

M:\Graphics\0400-Crofton\Misc\Carroll Fuels\Carroll Fuels Madonna\Carroll Fuels Madonna LAM.dwg, 4/15/2014 8:33:42 AM, WWesterfund

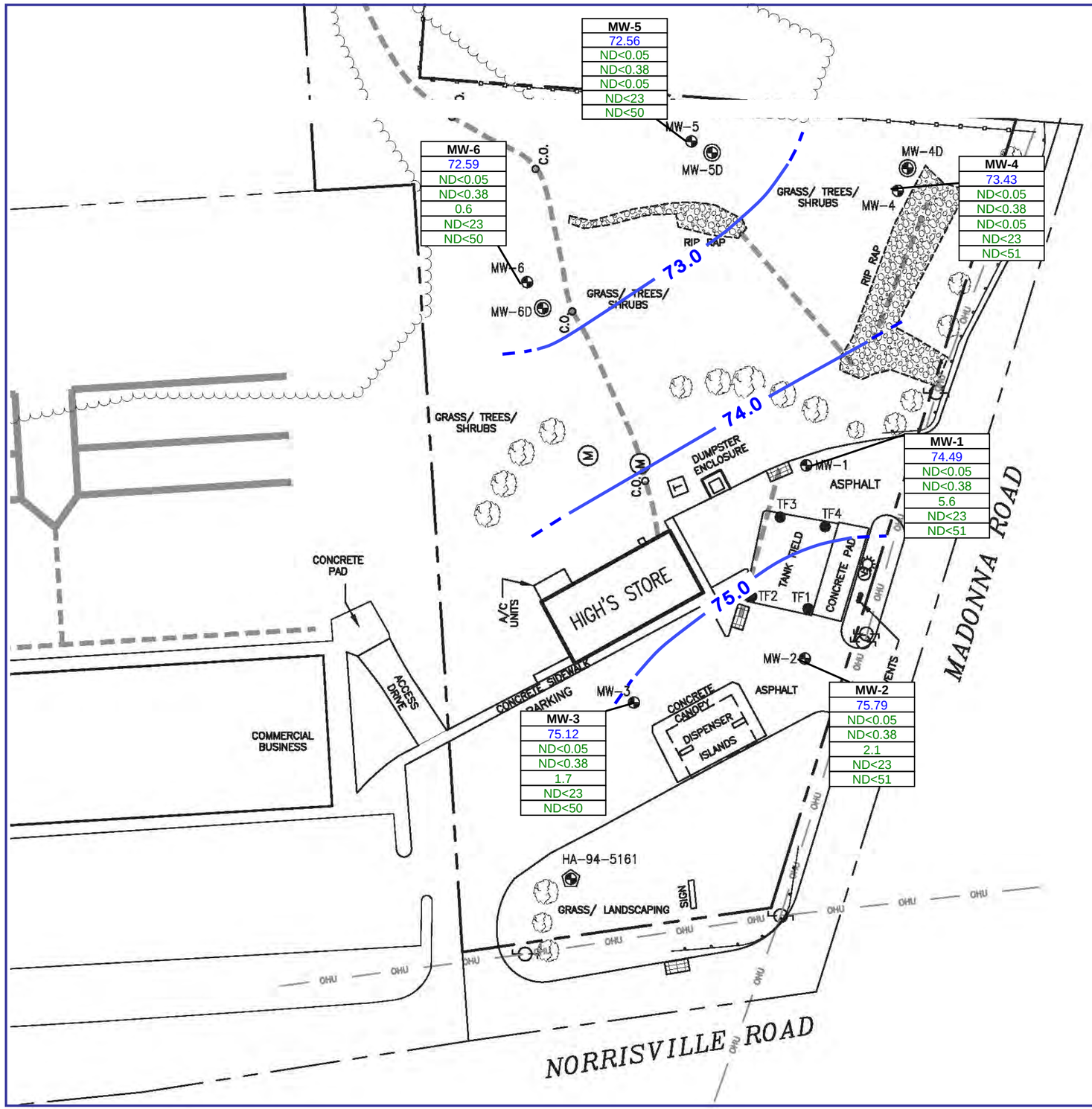


LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- GUARDRAIL
- WOOD FENCE
- TREE LINE
- CATCH BASIN
- UTILITY POLE
- SANITARY SEWER UTILITY MANHOLE
- C.O. SANITARY SEWER CLEANOUT
- PAD MOUNTED TRANSFORMER
- AREA LIGHT
- VACUUM STATION
- MONITORING WELL
- DEEP MONITORING WELL
- TANK FIELD WELL
- POTABLE WATER SUPPLY WELL (CONFIRMED)
- OHU OVERHEAD UTILITY LINES
- WASTE WATER LINE TO DRAIN AREA
- SEPTIC DRAIN LINE

DRAFTED BY: W.A.W. (N.J.)	SITE MAP
CHECKED BY: D.R.	HIGH'S STORE #130 4101 NORRISVILLE ROAD MADONNA, MARYLAND
REVIEWED BY: P.R.	
NORTH	Groundwater & Environmental Services, Inc. 1350 BLAIR DRIVE, SUITE A, ODENTON, MD 21113
SCALE IN FEET: 0 APPROXIMATE 50	DATE: 8-20-15 / FIGURE: 3

M:\Graphics\0400-Crofton\Misc\Carroll Fuels\Carroll Fuels Madonna\Carroll Fuels Madonna SM.dwg, 8/20/2015 9:40:38 AM, wwesterlund



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- GUARDRAIL
- WOOD FENCE
- TREE LINE
- CATCH BASIN
- UTILITY POLE
- SANITARY SEWER UTILITY MANHOLE
- SANITARY SEWER CLEANOUT
- PAD MOUNTED TRANSFORMER
- AREA LIGHT
- VACUUM STATION
- MONITORING WELL
- DEEP MONITORING WELL
- TANK FIELD WELL
- POTABLE WATER SUPPLY WELL (CONFIRMED)
- OVERHEAD UTILITY LINES
- WASTE WATER LINE TO DRAIN AREA
- SEPTIC DRAIN LINE

Sample ID	WELL IDENTIFICATION
GW Elevation	GROUNDWATER ELEVATION (Feet)
Benzene	BENZENE CONCENTRATION (µg/L)
Total BTEX	Total BTEX (µg/L)
MTBE	MTBE CONCENTRATION (µg/L)
TPH-GRO	TPH-GRO CONCENTRATIONS (µg/L)
TPH-DRO	TPH-DRO CONCENTRATIONS (µg/L)

µg/L	MICROGRAMS PER LITER
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
MTBE	METHYL TERT-BUTYL ETHER
TPH	TOTAL PHASE HYDROCARBONS
GRO	GASOLINE RANGE ORGANICS
ND< (#)	WHERE AN ANALYTE IS NOT DETECTED, THE REPORTING LIMIT IS GIVEN

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

DRAFTED BY: KM

CHECKED BY: PR

REVIEWED BY: PR

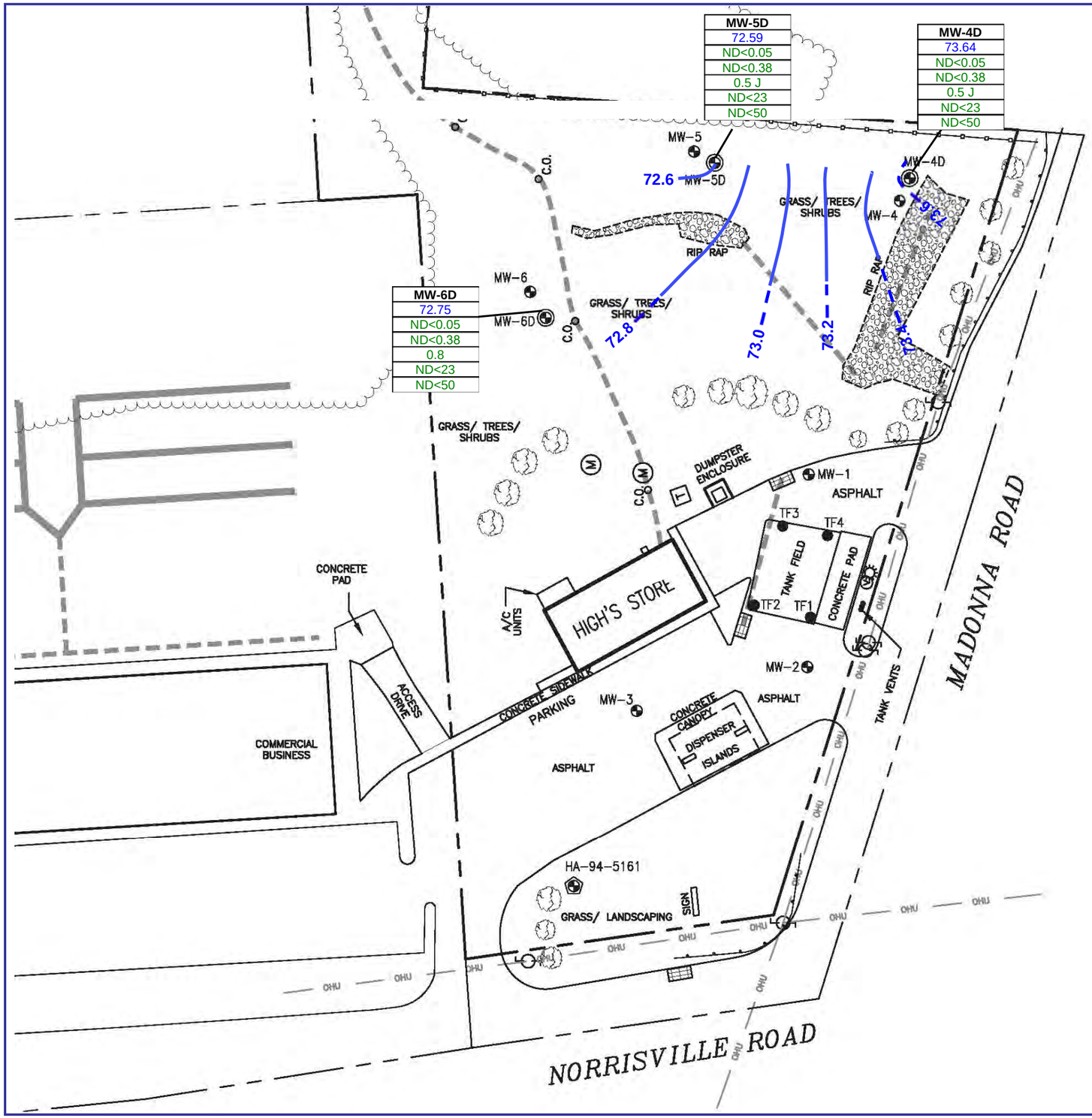
NORTH

SHALLOW GROUNDWATER MONITORING MAP
April 16, 2020

HIGH'S STORE #130
4101 NORRISVILLE ROAD
MADONNA, MARYLAND

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

SCALE IN FEET	DATE	FIGURE
0 APPROXIMATE 50	04-16-2020	4



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- GUARDRAIL
- WOOD FENCE
- TREE LINE
- CATCH BASIN
- UTILITY POLE
- SANITARY SEWER UTILITY MANHOLE
- SANITARY SEWER CLEANOUT
- PAD MOUNTED TRANSFORMER
- AREA LIGHT
- VACUUM STATION
- MONITORING WELL
- DEEP MONITORING WELL
- TANK FIELD WELL
- POTABLE WATER SUPPLY WELL (CONFIRMED)
- OHU — OVERHEAD UTILITY LINES
- WASTE WATER LINE TO DRAIN AREA
- SEPTIC DRAIN LINE

Sample ID	WELL IDENTIFICATION
GW Elevation	GROUNDWATER ELEVATION (Feet)
Benzene	BENZENE CONCENTRATION (µg/L)
Total BTEX	Total BTEX (µg/L)
MTBE	MTBE CONCENTRATION (µg/L)
TPH-GRO	TPH-GRO CONCENTRATIONS (µg/L)
TPH-DRO	TPH-DRO CONCENTRATIONS (µg/L)

µg/L	MICROGRAMS PER LITER
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
MTBE	METHYL TERT-BUTYL ETHER
TPH	TOTAL PHASE HYDROCARBONS
GRO	GASOLINE RANGE ORGANICS
ND< (#)	WHERE AN ANALYTE IS NOT DETECTED, THE REPORTING LIMIT IS GIVEN
	GROUNDWATER CONTOUR INTERVAL (feet)
	INFERRED CONTOUR INTERVAL (feet)

DRAFTED BY: KM

CHECKED BY: PR

REVIEWED BY: PR

NORTH

DEEP GROUNDWATER MONITORING MAP
April 16, 2020

HIGH'S STORE #130
4101 NORRISVILLE ROAD
MADONNA, MARYLAND

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

SCALE IN FEET	DATE	FIGURE
0 APPROXIMATE 50	04-16-2020	5

TABLES

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	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)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	Chloroform (µg/L)	Methylene chloride (µg/L)
GW Clean-up Standards*						**5.0**	**1,000**	**700**	**10,000**	**NL**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**5.0**	**47**	**47**	**80**	**5.0**
MW-1	07/13/2005	-	18.71	-	-	ND	2	ND	ND	2	1300	-	-	-	-	-	-	-	-	ND<1000	ND<1000	-	-
	12/28/2005	-	21.73	-	-	ND	15	ND	ND	15	1600	-	-	-	-	-	-	-	-	1500	ND	-	-
	06/15/2006	-	20.66	-	-	ND	ND	ND	ND	ND	1200	-	-	-	-	-	-	-	-	900	ND	-	-
	01/17/2007	-	21.02	-	-	ND	ND	ND	ND	ND	140	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/31/2007	-	20.78	-	-	ND	ND	ND	ND	ND	190	-	-	-	-	-	-	-	-	ND	350	-	-
	01/23/2008	-	24.44	-	-	ND	ND	ND	ND	ND	76	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/24/2008	-	21.68	-	-	ND	ND	ND	ND	ND	210	-	-	-	-	-	-	-	-	300	ND	-	-
	01/30/2009	-	25.01	-	33.66	ND	ND	ND	ND	ND	73	-	-	-	-	-	-	-	-	ND	260	-	-
	07/20/2009	-	23.51	-	33.66	ND	ND	ND	ND	ND	120	-	-	-	-	-	-	-	-	ND	ND	-	-
	03/01/2010	-	18.80	-	-	ND	ND	ND	ND	ND	130	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/31/2010	-	19.91	-	33.66	ND	ND	ND	ND	ND	87	-	-	-	-	-	-	-	-	230	ND	-	-
	01/31/2011	-	23.41	-	33.66	6	ND	ND	ND	6	47	-	-	-	-	-	-	-	-	ND	260	-	-
	07/26/2011	-	19.79	-	33.66	38	ND	ND	ND	38	25	-	-	-	-	-	-	-	-	580	ND	-	-
	01/30/2012	-	18.96	-	33.50	27	ND	ND	ND	27	26	-	-	-	-	-	-	-	-	200	250	-	-
	07/05/2012	96.13	21.76	74.37	33.61	20.10	ND<2	ND<2	ND	20.10	17.60	ND<2	12.30	ND<2	200	ND<2	ND<2	530	ND<2	ND<100	ND<300	ND<2	ND<2
	02/18/2013	96.13	23.18	72.95	33.53	8.41	ND<1.00	ND<1.00	ND	8.41	20.90	ND<1.00	12.10	ND<1.00	ND<5.00	ND<1.00	ND<1.00	402	ND<1.00	ND<100	ND<152	ND<1	ND<1.00
	08/20/2013	96.13	22.15	73.98	34.25	2.24	ND<1.00	ND<1.00	ND	2.24	9.94	ND<1.00	8.26	ND<1.00	ND<5.00	ND<1.00	ND<1.00	372	ND<1.00	ND<100	ND<300	ND<1 VC	ND<1.00
	03/04/2014	96.13	21.73	74.40	35.70	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<5.00	11.2	ND<1.00	12.40	1.18	67.6	ND<1.00	ND<1.00	153	ND<1.00	ND<100	ND<150	ND<1	ND<1.00
	08/22/2014	96.13	19.36	76.77	35.10	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<5.00	8.08	ND<1.00	7.13	ND<1.00	37.1	ND<1.00	ND<1.00	73	ND<1.00	ND<100	ND<152	ND<1	ND<1.00
	05/26/2015	96.13	22.22	73.91	35.10	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<1.00	ND<20	ND<45	ND<0.1	ND<0.2
	08/20/2015	96.13	23.08	73.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	96.13	24.31	71.82	35.40	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	4.4	ND<0.1	1.4	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	63 J	ND<0.1	ND<0.2
	04/28/2016	96.13	21.13	75.00	35.55	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	3.8	ND<0.1	0.5 J	ND<0.1	NA	NA	ND<0.1	ND<4	0.1 J	ND<20	ND<45	ND<0.1	ND<0.2
	10/13/2016	96.13	24.44	71.69	35.70	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	3.1	ND<0.1	0.2 J	ND<0.1	NA	NA	ND<0.1	ND<4.0	0.3 J	ND<20	ND<45	ND<0.1	ND<0.2
	04/28/2017	96.13	25.90	70.23	35.70	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	3.5	ND<0.1	0.1 J	ND<0.1	NA	NA	ND<0.1	ND<0.4	0.6	ND<20	ND<45	ND<0.1	ND<0.2
	10/26/2017	96.13	25.45	70.68	35.70	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	2.5	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	0.70	ND<20	ND<45	ND<0.1	ND<0.2
	05/07/2018	96.13	24.88	71.25	35.70	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	1.5	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	1.30	ND<20	71 J	ND<0.1	ND<0.2
	10/25/2018	96.13	19.35	76.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/30/2019	96.13	15.16	80.97	35.70	ND<0.05	ND<0.05	ND<0.05	ND<0.08	ND<0.23	1.6	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	1.2	ND<11	56 J	ND<0.05	ND<0.06
	10/18/2019	96.13	21.02	75.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2020	96.13	21.64	74.49	35.70	ND<0.05	ND<0.07	ND<0.06	ND<0.2	ND<0.38	5.6	ND<0.05	ND<0.05	ND<0.05	NA	NA	ND<0.2	ND<1.1	0.8	ND<23	ND<51	ND<0.09	ND<0.07
MW-2	07/13/2005	-	19.64	-	-	ND	1	ND	ND	1.00	9	-	-	-	-	-	-	-	-	ND<1000	ND<1000	-	-
	12/28/2005	-	22.85	-	-	9	16	6	26	57	15	-	-	-	-	-	-	-	-	300	ND	-	-
	06/15/2006	-	21.65	-	-	ND	ND	ND	ND	ND	26	-	-	-	-	-	-	-	-	ND	300	-	-
	01/17/2007	-	22.03	-	-	ND	ND	ND	ND	ND	42	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/31/2007	-	21.84	-	-	ND	ND	ND	ND	ND	4	-	-	-	-	-	-	-	-	ND	380	-	-
	01/23/2008	-	25.50	-	-	ND	ND	ND	ND	ND	2	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/24/2008	-	22.42	-	-	ND	ND	ND	ND	ND	3	-	-	-	-	-	-	-	-	ND	ND	-	-
	01/30/2009	-	25.96	-	30.76	ND	ND	ND	ND	ND	4	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/20/2009	-	24.35	-	30.76	ND	ND	ND	ND	ND	5	-	-	-	-	-	-	-	-	ND	ND	-	-
	03/01/2010	-	19.97	-	-	ND	ND	ND	ND	ND	4	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/31/2010	-	20.35	-	30.76	ND	ND	ND	ND	ND	3	-	-	-	-	-	-	-	-	ND	ND	-	-
	01/31/2011	-	24.14	-	30.76	ND	ND	ND	ND	ND	6	-	-	-	-	-	-	-	-	ND	ND	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	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)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	Chloroform (µg/L)	Methylene chloride (µg/L)
GW Clean-up Standards*						**5.0**	**1,000**	**700**	**10,000**	**NL**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**5.0**	**47**	**47**	**80**	**5.0**
MW-2 (cont.)	07/26/2011	-	20.50	-	30.76	ND	ND	ND	ND	ND	4	-	-	-	-	-	-	-	-	ND	ND	-	-
	01/30/2012	-	19.96	-	31.20	ND	ND	ND	ND	ND	5	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/05/2012	98.39	22.56	75.83	31.22	ND<2	ND<2	ND<2	ND<4	ND<10	5.18	ND<2	ND<2	ND<2	ND<10	ND<2	ND<2	ND<10	ND<2	ND<100	ND<158	ND<2	ND<2
	02/18/2013	98.39	24.52	73.87	31.25	ND<1.00	ND<1.00	ND<1.00	ND<2	ND<5	5.85	ND<1.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<100	ND<152	ND<1	ND<1.00
	08/20/2013	98.39	23.01	75.38	31.11	ND<1.00	ND<1.00	ND<1.00	ND<2	ND<5	3.64	ND<1.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<100	ND<300	ND<1 VC	ND<1.00
	03/04/2014	98.39	23.15	75.24	31.11	ND<1.00	ND<1.00	ND<1.00	ND<2.0	ND<5	5.28	ND<1.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<100	ND<150	ND<1	ND<1.00
	08/22/2014	98.39	19.90	78.49	31.37	ND<1.00	ND<1.00	ND<1.00	ND<2.0	ND<5	4.36	ND<1.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<100	ND<153	ND<1	ND<1.00
	05/26/2015	98.39	23.02	75.37	31.37	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<1.00	ND<20	ND<45	ND<0.1	ND<0.2
	08/20/2015	98.39	23.67	74.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	98.39	24.82	73.57	32.08	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	3.5	ND<0.1	ND<0.1	ND<0.1	NA	NA	0.2 J	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	04/28/2016	98.39	22.06	76.33	32.19	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	4.4	ND<0.1	ND<0.1	ND<0.1	NA	NA	0.2 J	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/13/2016	98.39	24.83	73.56	32.49	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	3.8	ND<0.1	ND<0.1	ND<0.1	NA	NA	0.2 J	ND<4.0	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	04/28/2017	98.39	27.07	71.32	32.49	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	3.8	ND<0.1	ND<0.1	ND<0.1	NA	NA	0.1 J	ND<0.4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/26/2017	98.39	26.20	72.19	35.70	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	2.8	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.1	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	05/07/2018	98.39	26.28	72.11	32.49	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	2.2	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	48 J	ND<0.1	ND<0.2
	10/25/2018	98.39	20.33	78.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/30/2019	98.39	16.08	82.31	32.50	ND<0.05	ND<0.05	ND<0.05	ND<0.08	ND<0.23	1.4	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	ND<0.05	ND<0.06
	10/18/2019	98.39	21.40	76.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2020	98.39	22.60	75.79	32.50	ND<0.05	ND<0.07	ND<0.06	ND<0.2	ND<0.38	2.1	ND<0.05	ND<0.05	ND<0.05	NA	NA	ND<0.02	ND<1.1	ND<0.06	ND<23	ND<51	ND<0.09	ND<0.07
MW-3	07/13/2005	-	19.79	-	-	ND	1	ND	ND	1.00	180	-	-	-	-	-	-	-	-	600	ND<1000	-	-
	12/28/2005	-	22.91	-	-	6	12	4	21	43	280	-	-	-	-	-	-	-	-	ND	720	-	-
	06/15/2006	-	21.70	-	-	ND	ND	ND	ND	ND	330	-	-	-	-	-	-	-	-	ND	ND	-	-
	01/17/2007	-	22.16	-	-	ND	ND	ND	ND	ND	140	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/31/2007	-	21.98	-	-	ND	ND	ND	ND	ND	190	-	-	-	-	-	-	-	-	ND	ND	-	-
	01/23/2008	-	25.46	-	-	ND	ND	ND	ND	ND	69	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/24/2008	-	22.49	-	-	ND	ND	ND	ND	ND	12	-	-	-	-	-	-	-	-	ND	ND	-	-
	01/30/2009	-	25.84	-	36.03	ND	ND	ND	ND	ND	3	-	-	-	-	-	-	-	-	ND	ND	-	-
	07/20/2009	-	24.30	-	36.03	ND	7	ND	ND	7.00	4	-	-	-	-	-	-	-	-	ND	260	-	-
	03/01/2010	-	20.03	-	-	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	ND	1100	-	-
	07/31/2010	-	20.41	-	36.03	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	ND	240	-	-
	01/31/2011	-	23.90	-	36.03	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	ND	450	-	-
	07/26/2011	-	20.58	-	36.03	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	ND	ND	-	-
	01/30/2012	-	20.04	-	31.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	ND	230	-	-
	07/05/2012	97.79	22.60	75.19	30.95	ND<2	ND<2	ND<2	ND<4	ND<10	3	ND<2	ND<2	ND<2	ND<10	ND<2	ND<2	ND<10	ND<2	ND<100	261	ND<2	ND<2
	02/18/2013	97.79	24.45	73.34	31.40	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<5.00	5	ND<1.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<100	835	ND<1	ND<1.00
	08/20/2013	97.79	23.03	74.76	35.70	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<5.00	2	ND<1.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<100	ND<600	ND<1 VC	ND<1.00
	03/04/2014	97.79	23.21	74.58	34.25	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<5.00	4	ND<1.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<100	ND<153	ND<1	ND<1.00
	08/22/2014	97.79	19.98	77.81	34.93	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<5.00	2	ND<1.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<1.00	ND<5.00	ND<1.00	ND<100	ND<152	ND<1	ND<1.00
	05/26/2015	97.79	23.07	74.72	34.93	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<1.00	ND<20	ND<45	0.2 J	ND<0.2
	08/20/2015	97.79	23.72	74.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	97.79	24.83	72.96	35.10	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	2	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	0.2 J	ND<0.2
	04/28/2016	97.79	22.14	75.65	35.20	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	3	ND<0.1	ND<0.1	ND<0.1	NA	NA	0.2 J	ND<4	ND<0.1	ND<20	ND<45	0.1 J	ND<0.2
	10/13/2016	97.79	24.83	72.96	35.47	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	1.5	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	ND<45	0.2 J	ND<0.2

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	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)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	Chloroform (µg/L)	Methylene chloride (µg/L)
GW Clean-up Standards*						**5.0**	**1,000**	**700**	**10,000**	**NL**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**5.0**	**47**	**47**	**80**	**5.0**
MW-3 (cont.)	04/28/2017	97.79	27.02	70.77	35.47	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	2.5	ND<0.1	ND<0.1	ND<0.1	NA	NA	0.1 J	ND<0.4	ND<0.1	ND<20	ND<45	0.1 J	ND<0.2
	10/26/2017	97.79	26.22	71.57	35.47	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	1.9	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.2	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	05/07/2018	97.79	26.24	71.55	35.47	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	2.5	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/25/2018	97.79	20.53	77.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/30/2019	97.79	16.27	81.52	35.50	ND<0.05	ND<0.05	ND<0.05	ND<0.08	ND<0.23	2.3	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	ND<0.05	ND<0.06
	10/18/2019	97.79	21.48	76.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2020	97.79	22.67	75.12	35.50	ND<0.05	ND<0.07	ND<0.06	ND<0.2	ND<0.38	1.7	ND<0.05	ND<0.05	ND<0.05	NA	NA	ND<0.02	ND<1.1	ND<0.06	ND<23	ND<50	ND<0.09	ND<0.07
MW-4	07/30/2015	91.56	19.25	72.31	32.11	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	08/20/2015	91.56	19.70	71.86	-	-	-	-	ND<0.2	ND<0.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	91.56	21.20	70.36	32.05	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	0.2 J	ND<0.2
	04/28/2016	91.56	17.42	74.14	32.04	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	0.1 J	ND<0.2
	10/13/2016	91.56	21.36	70.20	32.13	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	ND<45	0.1 J	ND<0.2
	04/28/2017	91.56	22.17	69.39	32.13	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<0.4	ND<0.1	ND<20	ND<45	0.2 J	ND<0.2
	10/26/2017	91.56	22.14	69.42	32.13	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.3	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	05/07/2018	91.56	21.01	70.55	32.13	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/25/2018	91.56	15.40	76.16	32.12	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	ND<0.05	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	ND<0.05	ND<0.06
	04/30/2019	91.56	11.35	80.21	32.15	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	ND<0.05	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	61	89 J	ND<0.05	ND<0.06
	10/18/2019	91.56	18.30	73.26	32.15	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	ND<0.05	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	0.2 J	ND<0.06
	04/16/2020	91.56	18.13	73.43	32.15	ND<0.05	ND<0.07	ND<0.06	ND<0.2	ND<0.38	ND<0.05	ND<0.05	ND<0.05	ND<0.05	NA	NA	ND<0.2	ND<1.1	ND<0.06	ND<23	ND<51	0.2 J	ND<0.07
MW-4D	07/30/2015	91.2	18.77	72.43	89.60	0.2 J	0.3 J	0.1 J	ND<0.2	ND<0.38	2.9	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	49 J	ND<0.1	ND<0.2
	08/20/2015	91.2	19.16	72.04	-	-	-	-	ND<0.2	ND<0.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	91.2	20.51	70.69	89.15	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	5.7	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	04/28/2016[1]	91.2	16.93	74.27	89.60	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	6.5	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	440	ND<0.1	ND<0.2
	10/13/2016	91.2	20.70	70.50	89.25	0.5 J	ND<0.1	ND<0.1	ND<0.2	ND<0.38	7.2	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	300	ND<0.1	ND<0.2
	04/28/2017	91.20	21.64	69.56	89.25	0.6	ND<0.1	ND<0.1	ND<0.2	ND<0.38	8.5	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<0.4	ND<0.1	ND<20	64 J	ND<0.1	ND<0.2
	10/26/2017	91.20	21.65	69.55	89.25	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	0.4 J	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	05/07/2018	91.20	20.58	70.62	89.25	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	0.9	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	82 J	ND<0.1	ND<0.2
	10/25/2018	91.20	15.13	76.07	89.25	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	1.2	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	2400	ND<0.05	ND<0.06
	04/30/2019	91.20	11.23	79.97	89.25	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.6	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	110	ND<0.05	ND<0.06
	10/18/2019	91.20	17.45	73.75	89.25	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.4 J	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	90 J	ND<0.05	ND<0.06
	04/16/2020	91.20	17.56	73.64	89.25	ND<0.05	ND<0.07	ND<0.06	ND<0.2	ND<0.38	0.5 J	ND<0.05	0.05 J	ND<0.05	NA	NA	ND<0.2	ND<1.1	ND<0.06	ND<23	ND<50	ND<0.09	ND<0.07
MW-5	07/30/2015	85.69	14.55	71.14	29.68	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	08/20/2015	85.69	15.08	70.61	-	-	-	-	ND<0.2	ND<0.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	85.69	16.31	69.38	29.55	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	04/28/2016	85.69	12.65	73.04	29.55	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/13/2016	85.69	16.63	69.06	29.48	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	04/28/2017	85.69	16.84	68.85	29.48	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<0.4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/26/2017	85.69	17.48	68.21	29.48	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.5	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	05/07/2018	85.69	15.88	69.81	29.48	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	ND<0.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	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)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	Chloroform (µg/L)	Methylene chloride (µg/L)
GW Clean-up Standards*						**5.0**	**1,000**	**700**	**10,000**	**NL**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**5.0**	**47**	**47**	**80**	**5.0**
MW-5 (cont.)	10/25/2018	85.69	10.91	74.78	28.87	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	ND<0.05	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	ND<0.05	ND<0.06
	04/30/2019	85.69	6.85	78.84	29.50	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	ND<0.05	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	ND<0.05	ND<0.06
	10/18/2019	85.69	13.70	71.99	29.50	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	ND<0.05	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	ND<0.05	ND<0.06
	04/16/2020	85.69	13.13	72.56	29.50	ND<0.05	ND<0.07	ND<0.06	ND<0.2	ND<0.38	ND<0.05	ND<0.05	ND<0.05	ND<0.05	NA	NA	ND<0.2	ND<1.1	ND<0.06	ND<23	ND<50	ND<0.09	ND<0.07
MW-5D	07/30/2015	85.95	14.90	71.05	84.45	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	0.7	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	08/20/2015	85.95	15.03	70.92	-	-	-	-	ND<0.2	ND<0.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	85.95	15.73	70.22	83.00	0.4 J	ND<0.1	0.8	ND<0.2	ND<0.38	1	0.2 J	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	04/28/2016	85.95	12.87	73.08	84.45	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	1.6	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	67 J	ND<0.1	ND<0.2
	10/13/2016	85.95	16.10	69.85	82.80	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	1.8	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	240	ND<0.1	ND<0.2
	04/28/2017	85.95	17.33	68.62	82.80	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	2.1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<0.4	ND<0.1	ND<20	46 J	ND<0.1	ND<0.2
	10/26/2017	85.95	17.50	68.45	82.80	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	1.60	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.6	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	05/07/2018	85.95	16.12	69.83	82.80	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	0.1 J	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/25/2018	85.95	10.88	75.07	82.80	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.5	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	730	ND<0.05	ND<0.06
	04/30/2019	85.95	7.08	78.87	82.80	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.4 J	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	140	ND<0.05	ND<0.06
	10/18/2019	85.95	13.79	72.16	82.80	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.3 J	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	ND<0.05	ND<0.06
	04/16/2020	85.95	13.36	72.59	82.80	ND<0.05	ND<0.07	ND<0.06	ND<0.2	ND<0.38	0.5 J	ND<0.05	ND<0.05	ND<0.05	NA	NA	ND<0.02	ND<1.1	ND<0.06	ND<23	ND<50	ND<0.09	ND<0.07
MW-6	07/30/2015	84.99	13.84	71.15	29.45	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	19	ND<0.1	5.6	0.5	NA	NA	0.2 J	ND<4	ND<0.1	38 J	ND<45	ND<0.1	ND<0.2
	08/20/2015	84.99	14.34	70.65	-	-	-	-	ND<0.2	ND<0.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	84.99	15.49	69.50	29.40	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	11	ND<0.1	7.2	0.7	NA	NA	ND<0.1	ND<4	ND<0.1	24 J	ND<45	ND<0.1	ND<0.2
	04/28/2016	84.99	11.90	73.09	28.95	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	3.9	ND<0.1	5.3	0.5	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	0.1 J	ND<0.2
	10/13/2016	84.99	15.76	69.23	28.85	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	2.5	ND<0.1	3.8	0.4 J	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	86 J	0.1 J	ND<0.2
	04/28/2017	84.99	15.97	69.02	28.85	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	6	ND<0.1	4.4	0.5 J	NA	NA	ND<0.1	ND<0.4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/26/2017	84.99	16.55	68.44	28.85	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	1.5	ND<0.1	2.00	0.2 J	NA	NA	ND<0.1	ND<4.7	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	05/07/2018	84.99	15.01	69.98	28.85	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	1.1	ND<0.1	1.80	0.1 J	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/25/2018	84.99	10.30	74.69	28.20	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.2 J	ND<0.09	0.2 J	ND<0.06	NA	NA	ND<0.3	ND<1.6	0.06 J	ND<11	ND<53	0.1 J	ND<0.06
	04/30/2019	84.99	6.25	78.74	28.85	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.05 J	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	0.05 J	ND<0.06
	10/18/2019	84.99	12.66	72.33	28.85	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.5 J	ND<0.09	0.2 J	ND<0.06	NA	NA	ND<0.3	ND<1.6	0.1 J	ND<11	ND<53	0.05 J	0.07J
	04/16/2020	84.99	12.40	72.59	28.85	ND<0.05	ND<0.07	ND<0.06	ND<0.2	ND<0.38	0.6	ND<0.05	0.2 J	ND<0.05	NA	NA	ND<0.2	ND<1.1	0.1 J	ND<23	ND<50	ND<0.09	0.09 J
MW-6D	07/30/2015	85.40	14.19	71.21	75.30	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	5.4	ND<0.1	ND<0.1	ND<0.1	NA	NA	0.2 J	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	08/20/2015	85.40	14.39	71.01	-	-	-	-	ND<0.2	ND<0.38	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	85.40	15.11	70.29	75.20	0.3 J	ND<0.1	0.8	ND<0.2	ND<0.38	7.5	0.3 J	ND<0.1	ND<0.1	NA	NA	0.2 J	ND<4	ND<0.1	ND<20	110	ND<0.1	ND<0.2
	04/28/2016	85.40	12.20	73.20	75.30	0.2 J	ND<0.1	ND<0.1	ND<0.2	ND<0.38	1.1	ND<0.1	0.1 J	ND<0.1	NA	NA	ND<0.1	ND<4	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/13/2016	85.40	15.93	69.47	75.30	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	1	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	04/28/2017	85.40	16.75	68.65	75.30	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	0.7	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<0.4	ND<0.1	ND<20	94 J	ND<0.1	ND<0.2
	10/26/2017	85.40	16.58	68.82	75.30	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	0.5	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.8	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	05/07/2018	85.40	15.40	70.00	75.30	ND<0.1	ND<0.1	ND<0.1	ND<0.2	ND<0.38	0.5	ND<0.1	ND<0.1	ND<0.1	NA	NA	ND<0.1	ND<4.0	ND<0.1	ND<20	ND<45	ND<0.1	ND<0.2
	10/25/2018	85.40	10.24	75.16	75.30	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.5 J	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	160	ND<0.05	ND<0.06
	04/30/2019	85.40	6.50	78.90	75.30	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.6	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	ND<0.05	ND<0.06
	10/18/2019	85.40	12.89	72.51	75.30	ND<0.05	ND<0.05	ND<0.05	ND<0.2	ND<0.38	0.8	ND<0.09	ND<0.05	ND<0.06	NA	NA	ND<0.3	ND<1.6	ND<0.05	ND<11	ND<53	ND<0.05	ND<0.06
	04/16/2020	85.40	12.65	72.75	75.30	ND<0.05	ND<0.07	ND<0.06	ND<0.2	ND<0.38	0.8	ND<0.05	ND<0.05	ND<0.05	NA	NA	ND<0.2	ND<1.1	ND<0.06	ND<23	ND<50	ND<0.09	ND<0.07

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	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)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	Chloroform (µg/L)	Methylene chloride (µg/L)
GW Clean-up Standards*						**5.0**	**1,000**	**700**	**10,000**	**NL**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**5.0**	**47**	**47**	**80**	**5.0**
TF-1	01/30/2009	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/20/2009	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/31/2010	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2011	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2011	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-1 (cont.)	01/30/2012	-	12.06	-	12.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/05/2012	-	DRY	-	12.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/18/2013	-	DRY	-	12.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2013	-	DRY	-	12.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/04/2014	-	DRY	-	12.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2014	-	DRY	-	12.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/26/2015	-	DRY	-	12.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/19/2016	-	DRY	-	12.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/13/2016	-	DRY	-	12.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2017	-	DRY	-	12.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/26/2017	-	DRY	-	12.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2018	-	DRY	-	12.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2018	-	DRY	-	12.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/30/2019	-	DRY	-	12.35	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2019	-	DRY	-	12.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2020	-	DRY	-	12.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-2	01/30/2009	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/20/2009	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/31/2010	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/31/2011	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/26/2011	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/30/2012	-	DRY	-	11.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/05/2012	-	DRY	-	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/18/2013	-	DRY	-	12.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2013	-	DRY	-	12.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/04/2014	-	11.95	-	12.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2014	-	12.01	-	12.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/26/2015	-	DRY	-	12.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/19/2016	-	DRY	-	12.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/13/2016	-	DRY	-	12.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2017	-	DRY	-	12.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/26/2017	-	DRY	-	12.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2018	-	DRY	-	12.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2018	-	DRY	-	12.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	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)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	Chloroform (µg/L)	Methylene chloride (µg/L)
GW Clean-up Standards*						**5.0**	**1,000**	**700**	**10,000**	**NL**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**5.0**	**47**	**47**	**80**	**5.0**
TF-2 (cont.)	04/30/2019	-	DRY	-	12.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2019	-	DRY	-	12.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2020	-	DRY	-	12.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-3	01/30/2012	-	12.24	-	12.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/05/2012	-	DRY	-	13.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/18/2013	-	DRY	-	12.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2013	-	DRY	-	12.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/04/2014	-	12.75	-	12.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2014	-	12.72	-	12.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/26/2015	-	DRY	-	12.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015		DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/19/2016	-	DRY	-	12.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/13/2016	-	DRY	-	12.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2017	-	DRY	-	12.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/26/2017	-	DRY	-	12.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2018	-	DRY	-	12.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2018	-	DRY	-	12.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/30/2019	-	DRY	-	12.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2019	-	DRY	-	12.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2020	-	DRY	-	12.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TF-4	01/30/2012	-	12.43	-	12.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/05/2012	-	DRY	-	12.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/18/2013	-	12.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/20/2013	-	12.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/04/2014	-	13.03	-	13.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/22/2014	-	13.12	-	13.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/26/2015	-	12.87	-	13.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/21/2015	-	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/19/2016	-	DRY	-	13.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/13/2016	-	DRY	-	13.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/28/2017	-	DRY	-	13.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/26/2017	-	DRY	-	13.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/07/2018	-	DRY	-	13.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/25/2018	-	DRY	-	13.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/30/2019	-	DRY	-	13.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/2019	-	DRY	-	13.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/16/2020	-	DRY	-	13.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1

HISTORICAL MONITORING WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	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)	Ethyl tert-butyl ether (µg/L)	Tert-amyl alcohol (µg/L)	Tert-Amyl Ethyl Ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)	Chloroform (µg/L)	Methylene chloride (µg/L)
GW Clean-up Standards*						**5.0**	**1,000**	**700**	**10,000**	**NL**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**NL**	**NL**	**5.0**	**47**	**47**	**80**	**5.0**

Notes:
Please note that the top of casing for the DNR monitoring wells is not tied into the same elevations as the High's monitoring wells.

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

(Date)[1] = On 4/28/2016 during GES' semi-annual groundwater sampling event technician recorded MW-4D's borehole had collapsed to approximately 15 feet below the top of land surface. GES notified the MDE & corrected by re-grouting on May 19, 2016.

ND<# = Non-detect less than the method detection limit of #
µg/L = Micrograms/Liter
MTBE = Methyl Tertiary Butyl Ether
TPH-DRO = Total petroleum hydrocarbons - diesel range organics
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
BTEX = Benzene, toluene, ethylbenzene, xylenes
ft = feet
\- = No data available usually due to not being sampled.
(cont.) = continued
J = Detected between the Method Detection Limit (MDL) and Reporting Limit (RL); therefore, the result is an estimated value.
NL =No Limit

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	Methylene Chloride (µg/L)
MDE GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**-**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**5**	**5**
4100 CHARBONNET	06/22/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
4102 CHARBONNET	06/22/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
4104 CHARBONNET	06/22/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	1.22	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
4106 CHARBONNET	06/22/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
4107 CHARBONNET	06/21/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	2.39	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
4108 CHARBONNET	06/22/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
4109 CHARBONNET	06/22/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.63	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
4110 CHARBONNET	06/21/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	1.44	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
4111 CHARBONNET	03/14/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<0.5	ND<1
3921 GREENPEAK	04/18/2011**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3	12.45	ND<0.5	NT	ND<0.5	ND<0.5	NT	0.57	ND<0.5
	05/17/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	10.9	NT	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	06/25/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	14.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	09/24/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	8.02	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/12/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	12.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	18.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/07/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	12.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	08/20/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	12.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	11/11/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	12.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	03/11/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	16.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/15/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	19.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	06/20/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	17.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	08/22/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	20.8	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
3921 GREENPEAK-INF	11/25/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	17.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/10/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	17.8	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	01/20/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	17	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	04/17/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	21	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	07/30/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	21	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.2 J	ND<0.3
	10/21/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	23	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	01/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	24	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	04/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	24	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	07/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	25	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	10/13/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	26	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	01/18/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	23	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	07/27/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	22	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	25	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/05/2018	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<2.0[1]	22	ND<0.5[1]	ND<0.5[1]	ND<3.0[1]	0.14 J	2.3	ND<0.5[1]	ND<0.5[1]
	04/26/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	23	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/31/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	25	N<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	10/25/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.04	1.8	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	01/29/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	1.6	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	04/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	0.9	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	08/15/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	2.5	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	0.6	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.1 J	ND<0.3
	01/29/2020	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	0.5	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
3921 GREENPEAK-MID	11/25/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/10/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	01/20/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	Methylene Chloride (µg/L)
MDE GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**-**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**5**	**5**
3921 GREENPEAK-MID (cont.)	04/17/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/30/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/21/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/13/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/18/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/27/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/05/2018	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<2.0[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<3.0[1]	ND<3.0[1]	1.9 J	ND<0.5[1]	ND<0.5[1]
	04/26/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/31/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	N<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/25/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.04	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/15/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2020	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
3921 GREENPEAK-EFF	11/25/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/10/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	01/20/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/17/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/30/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/21/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/13/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/18/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/27/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/05/2018	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<2.0[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<3.0[1]	ND<3.0[1]	2.20	ND<0.5[1]	ND<0.5[1]
	04/26/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/31/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	N<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/25/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.04	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/15/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2020	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
3922 GREENPEAK-INF	08/27/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	6.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	03/13/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	7.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	04/12/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	15	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	07/22/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	8.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	12/06/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	5.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<0.5	ND<0.5
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	6.55	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	06/25/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	7.06	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	09/24/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	4.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/12/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	5.94	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	10.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/17/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	6.66	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	08/20/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	7.83	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	11/11/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	7.16	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	03/04/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	6.51	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/15/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	9.24	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	06/13/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	7.93	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	09/18/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	7.43	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	11/25/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	6.64	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	Methylene Chloride (µg/L)
MDE GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**-**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**5**	**5**
3922 GREENPEAK-INF (cont.)	02/19/2015	ND<0.1	0.2 J	ND<0.1	ND<0.1	0.2 J	8.3	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	05/26/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	8.5	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/30/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	7.7	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	11/19/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	7.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	8.7	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2016	ND<0.1	ND<0.1	ND<0.1	NA	ND<0.6	7.9	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	7.5	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/13/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	7.6	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	8	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	7.4	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/27/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	6.4	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	6.5	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	03/23/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	7.0	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/26/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	7.3	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/31/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	8.8	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/24/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.04	7.8	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	5.8	ND<0.2	ND<0.1	ND<0.1	ND<0.1	4.3 J	ND<0.1	ND<0.3
	04/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	6.9	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/15/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	6.0	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	11/07/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	6.3	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2020	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	6.0	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
3923 GREENPEAK	04/18/2011**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.57	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
	07/03/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	3.26	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
3924 GREENPEAK	04/12/2011**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.59	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
	06/21/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	1.72	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
3925 GREENPEAK	06/22/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
3908 MADONNA	08/27/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT
	04/12/2011**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<0.5	ND<0.5
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	10/30/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	13.4
	02/19/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/15/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/20/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/05/2018	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<2.0[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<3.0[1]	ND<3.0[1]	1.9 J	ND<0.5[1]	ND<0.5[1]
	01/29/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2020	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
3911 MADONNA	08/27/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<0.5	ND<3
	06/21/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
3914 MADONNA-INF	04/29/2008**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	41	ND<0.5	NA	ND<0.5	ND<0.5	NA	ND<0.5	ND<0.5
	06/06/2008**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	58.1	ND<0.5	NA	ND<0.5	ND<0.5	NA	ND<0.5	ND<0.5
	08/27/2008	NT	NT	NT	NT	NT	57	NT	NT	NT	NT	NT	NT	NT
	09/11/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	10/28/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	46	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	11/25/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	66	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	12/28/2008	NT	NT	NT	NT	NT	46	NT	NT	NT	NT	NT	NT	NT
	12/30/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	40	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	03/13/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	47	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	06/25/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	34	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	08/10/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	40	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	11/02/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	35	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	02/22/2010	NT	NT	NT	NT	NT	3.4	NT	NT	NT	NT	NT	NT	NT
	07/28/2010	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	72	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	01/07/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	36.5	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	04/12/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	42	ND<0.5	ND<0.5	ND<0.5	ND	8.4	NT	ND<0.5
	07/22/2011	NT	NT	NT	NT	NT	43.8	NT	NT	NT	NT	NT	NT	NT
	12/06/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	30.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	06/25/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	37.8	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	09/24/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	Methylene Chloride (µg/L)
MDE GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**-**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**5**	**5**
3914 MADONNA-INF (cont.)	10/17/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	30.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/12/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	33	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	44.8	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/07/2013	ND<0.5	0.53	ND<0.5	ND<1	0.53	24.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	08/20/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	36	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/09/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	45	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	03/04/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	30	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/15/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	29.8	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	08/22/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	38	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	11/25/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	42.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/26/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	29	ND<0.2	ND<0.1	ND<0.1	0.1 J	ND<2.5	ND<0.1	ND<0.3
	07/30/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	26	ND<0.2	ND<0.1	ND<0.1	0.1 J	ND<2.5	ND<0.1	ND<0.3
	11/19/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	30	ND<0.2	ND<0.1	ND<0.1	0.1 J	ND<2.5	ND<0.1	ND<0.3
	03/09/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	24	ND<0.2	ND<0.1	ND<0.1	0.1 J	ND<2.5	ND<0.1	ND<0.3
	04/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	25	ND<0.2	ND<0.1	ND<0.1	ND<0.1	6.1 J	ND<0.1	ND<0.3
	08/16/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	22	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/18/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	12	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	11	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	6.3	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	09/06/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	4.0	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	2.7	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/27/2018	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<2.0[1]	3.1	ND<0.5[1]	ND<0.5[1]	ND<3.0[1]	ND<3.0[1]	0.78 J	ND<0.5[1]	ND<0.5[1]
	04/26/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	2.8	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/28/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	1.4	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	12/13/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	2.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/28/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	2.5	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	1.9	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/15/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	1.9	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	1.6	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2020	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	2.2	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
3914 MADONNA-MID	09/11/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	10/28/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	11/25/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	12/30/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	03/13/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	06/25/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	18	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	08/10/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	45	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	11/02/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	02/22/2010	NT	NT	NT	NT	NT	0.6	NT	NT	NT	NT	NT	NT	NT
	07/28/2010	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.4	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	01/07/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	04/12/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	1.7	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	07/22/2011	NT	NT	NT	NT	NT	2.2	NT	NT	NT	NT	NT	NT	NT
	12/06/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	1.1	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	06/25/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	1.62	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	09/24/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	27	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	10/17/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/12/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/07/2013	ND<0.5	0.61	ND<0.5	ND<1	0.61	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	08/20/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/09/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	03/04/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/15/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	1.04	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	08/22/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	11/25/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/26/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/30/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	11/19/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	0.2 J	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	03/09/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/16/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/18/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	5.5	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	Methylene Chloride (µg/L)
MDE GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**-**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**5**	**5**
3914 MADONNA-MID (cont.)	04/28/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	09/06/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/27/2018	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<2.0[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<3.0[1]	ND<3.0[1]	0.78 J	ND<0.5[1]	ND<0.5[1]
	04/26/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/28/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	0.70	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	12/13/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/28/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/15/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2020	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
3914 MADONNA-EFF	08/27/2008	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT
	09/11/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	10/28/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	11/25/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	12/30/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	03/13/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	06/25/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	08/10/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	11/02/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	02/22/2010	NT	NT	NT	NT	NT	1.9	NT	NT	NT	NT	NT	NT	NT
	07/28/2010	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	01/07/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	04/12/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	07/22/2011	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT
	12/06/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	30.7	ND<0.5	ND<0.5	ND<0.5	ND	ND	NT	ND<0.5
	01/30/2012	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NT	ND<0.5
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	06/25/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	09/24/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	10/17/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/12/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/07/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	08/20/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	12/09/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	03/04/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/15/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	08/22/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	11/25/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	05/26/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	07/30/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	11/19/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	03/09/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/16/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/18/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	09/06/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/26/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/27/2018	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<2.0[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<3.0[1]	ND<3.0[1]	0.86 J	ND<0.5[1]	ND<0.5[1]
	04/26/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/28/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	12/13/2018	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/28/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	08/15/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	10/30/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2020	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
3919 MADONNA-INF HA-70-0551	04/12/2005**	ND	ND	ND	ND	ND	16.2	NT	NT	NT	NT	NT	NT	NT
	06/24/2005**	ND	ND	ND	ND	ND	10.8	NT	NT	NT	NT	NT	NT	NT
	11/16/2007**	ND	ND	ND	ND	ND	20.7	NT	NT	NT	NT	NT	NT	NT

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	Methylene Chloride (µg/L)
MDE GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**-**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**5**	**5**
3919 MADONNA-INF	03/21/2008**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	23.3	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
HA-70-0551	07/11/2008**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	22.4	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
(cont.)	06/01/2009**	ND	ND	ND	ND	ND	20.5	ND	ND	ND	ND	ND	ND	ND
	07/10/2009**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	26.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	08/21/2009**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	21.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	09/15/2009**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	25.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	04/30/2010**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	1.59	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	09/17/2010**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	15.1	ND	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	12/22/2010**	ND	ND	ND	ND	ND	10.5	ND	NT	NT	NT	NT	NT	NT
	01/07/2011**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	10.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	04/18/2011**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	27.76	ND<0.5	ND<0.5	NT	ND<0.5	NT	ND<0.5	ND<0.5
	07/06/2011**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	09/30/2011**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.0	27.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
3919 MADONNA-MID	09/15/2009**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	04/30/2010**	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	09/17/2010**	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	12/22/2010**	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	01/07/2011**	NT	NT	NT	NT	NT	ND<0.5	NT	NT	NT	NT	NT	NT	NT
	04/18/2011**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/06/2011**	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	09/30/2011**	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
3919 MADONNA-EFF	09/15/2009**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	04/30/2010**	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	09/17/2010**	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	12/22/2010**	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	01/07/2011**	NT	NT	NT	NT	NT	ND<0.5	NT	NT	NT	NT	NT	NT	NT
	04/18/2011**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/06/2011**	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	09/30/2011**	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
3919 MADONNA (NEW)	03/16/2012**	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5
	02/06/2013**	ND	10.74	ND	ND	10.74	ND	ND	ND	ND	ND	ND	ND	ND
	10/30/2014	ND<0.5	0.760	ND<0.5	ND<1.5	0.760	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
3922 MADONNA	06/06/2008**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.89	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	1.39	ND<1
	04/14/2011**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	1.82	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	0.88	ND<0.5
	03/27/2012	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	1.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	3.03	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	0.64	ND<0.5
	03/25/2014	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	2.72	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	0.58	ND<0.5
	05/26/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	5.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<0.1	0.5	ND<0.3
	04/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	6.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.5	ND<0.3
	01/18/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	5.0	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.5	ND<0.3
	02/27/2018	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<2.0[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<3.0[1]	ND<3.0[1]	0.84 J	ND<0.5[1]	ND<0.5[1]
	01/29/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.5 J	ND<0.3
	02/13/2020	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	0.1 J	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	0.4 J	ND<0.3
3923 MADONNA	08/19/2008**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.59	NT
3928 MADONNA	04/14/2011**	ND<0.1	ND<0.1	ND<0.1	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
	06/21/2017**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5
4065 NORRISVILLE	04/29/2008	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT
	05/16/2008**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5	NT	NT	NT
	06/27/2008**	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	ND<0.5	ND<0.5	NT	NT	NT
	07/08/2008	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT
4101 NORRISVILLE	06/15/2005	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	NT	NT	NT	NT	NT
(ONSITE SUPPLY WELL)	12/28/2005	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	NT	NT	NT	NT	NT	NT
	06/15/2006	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT
	01/17/2007	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT
	07/31/2007	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT
	01/23/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT
	07/24/2008	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<0.5	ND<1
	01/30/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT

Table 2

HISTORICAL POTABLE WELL ANALYTICAL DATA SUMMARY

High's Store No. 130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Diisopropyl ether (µg/L)	Ethyl tert-butyl ether (µg/L)	Tert-amyl methyl ether (µg/L)	Tert-Butyl Alcohol (µg/L)	Tetrachloroethene (µg/L)	Methylene Chloride (µg/L)
MDE GW Clean-up Standards*		**5**	**1,000**	**700**	**10,000**	**-**	**20**	**0.17**	**NL**	**NL**	**NL**	**NL**	**5**	**5**
4101 NORRISVILLE (ONSITE SUPPLY WELL) (cont.)	02/18/2009	NT	NT	NT	NT	NT	1.99	NT	NT	NT	NT	NT	NT	NT
	07/20/2009	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT
	03/01/2010	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT
	07/31/2010	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT
	01/31/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT
	04/14/2011	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	ND	NT
	05/02/2011	NT	NT	NT	NT	NT	3.04	NT	NT	NT	NT	NT	NT	NT
	07/26/2011	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NT	NT
	01/30/2012	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<0.5	ND<0.5
	02/18/2013	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<2.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	03/04/2014	ND<0.5	1.04	ND<0.5	ND<1	1.04	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	ND<0.5	ND<0.5
	07/08/2015	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	04/28/2016	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	0.1 J	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/18/2017	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	ND<0.1	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	02/05/2018	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<2.0[1]	ND<0.5[1]	ND<0.5[1]	ND<0.5[1]	ND<3.0[1]	ND<3.0[1]	1.9 J	ND<0.5[1]	ND<0.5[1]
	01/29/2019	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.4	0.1 J	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
	01/29/2020	ND<0.1	ND<0.1	ND<0.1	ND<0.3	ND<0.6	0.2 J	ND<0.2	ND<0.1	ND<0.1	ND<0.1	ND<2.5	ND<0.1	ND<0.3
4105 NORRISVILLE	09/07/1993**	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	ND
	10/25/1995**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/24/1996**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/18/2009**	NT	NT	NT	NT	NT	1.99	NT	NT	NT	NT	NT	NT	NT
	05/02/2011**	NT	NT	NT	NT	NT	3.04	NT	NT	NT	NT	NT	NT	NT

Notes:

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

ND<# = Less than the method detection limit of #
ND<#[1] = Less than the method reporting limit of #
ND = Non-Detect
µg/L = Micrograms/Liter
MTBE = Methyl Tertiary Butyl Ether
BTEX = Benzene, toluene, ethylbenzene, xylenes
- = No data available
NA = Not Analyzed
NT = Not Tabulated
J = Detected between the Method Detection Limit (MDL) and the Reporting Limit (RL); therefore, this is an estimated value.
NL = No Limit
(Date)** = Analytical Data for the particular date was obtained from Harford County's Health Department.
(cont.) = (continued)
2e = Continuous calibration verification (CCV) was outside the quality control (QC) range. Data accepted based on additional batch QC.

Table 3

MONITORING WELL SPECIFICATIONS SUMMARY

High's Store #130
4101 Norrisville Road
Madonna, MD

Monitoring Well	Well Permit #	Date Well Completed	Well Diameter (inches)	Total Depth of Well (feet)	DTB of Casing from Ground Surface (feet)	TOS from Ground Surface (feet)	BOS from Ground Surface (feet)
MW-1	HA-94-7037	6/27/2005	4	33	10	10	33
MW-2	HA-94-7038	6/27/2005	4	38	8	8	38
MW-3	HA-94-7039	6/27/2005	4	40	9	9	40
MW-4	HA-15-0087	7/2/2015	2	32	12	12	32
MW-4D	HA-15-0086	6/29-7/1/2015	2	93	83	83	93
MW-5	HA-15-0085	7/9/2015	2	30	12	12	30
MW-5D	HA-15-0084	7/6-7/8/2015	2	85	75	75	85
MW-6	HA-15-0083	7/14/2015	2	30	12	12	30
MW-6D	HA-15-0082	7/10-7/13/2015	2	75	65	65	75

Notes:
- = Not available
BOS = Bottom of screen
DTB = Depth to bottom
TOS = Top of screen

APPENDIX A

Historical Activities Summary

HISTORICAL ACTIVITY SUMMARY

1992	Four underground storage tanks (UST) were installed: one 10,000-gallon gasoline, two 8,000-gallon gasoline, and one 10,000-gallon compartmentalized diesel/kerosene.
6/2005	Three monitoring wells were installed pursuant to the new MTBE emergency regulations (COMAR 26.10.02).
9/28/05	The MDE-OCP received electronic notification from High's consultants of preliminary groundwater sampling data collected at 18 facilities operated by High's of Baltimore. The preliminary data included sampling results for the onsite drinking water well and monitoring well network located at Madonna High's No. 130.
11/30/05	The MDE-OCP issued a directive letter to High's requiring to perform UST vapor leak testing, UST system self-audit, conduct semiannual sampling of all monitoring wells and tank field monitoring pipes, conduct semiannual sampling of the onsite supply well and perform a half-mile drinking water well survey.
1/24/06	The MDE-OCP received the storage system test results, well receptor survey, and well sampling results.
2/8/06	The MDE-OCP received additional well receptor survey information.
11/13/06	The MDE-OCP received the storage system test results.
2/5/07	The MDE-OCP issues Official Notice requiring UST inspection by certified UST inspector within 30 days.
3/16/07	The MDE-OCP received the results of the spill basin and containment sump testing, performed 07/21/06. All spill basins and containment sumps passed.
12/24/07	The MDE-OCP received the results of the spill basin performed 12/20/07. All spill basins passed.
6/27/08	High's of Baltimore submits correspondence titled *Request for Reduction of Sampling Parameters* to MDE-OCP.
7/18/08	Based on the results in *Adjacent Well Sampling Event*, the MDE-OCP required that a granular activated carbon (GAC) filtration system be installed at 3914 Madonna Rd by August 2008.
10/8/08	The MDE-OCP issues correspondence titled *Reduction in Sampling Parameters Denied.*
3/24/09	The MDE-OCP issues *Request for Subsurface Investigation* directive to the DNR Ranger Station facility located at 3919 Madonna Rd, Jarrettsville, MD.
1/7/10	The MDE-OCP issues *Official Notice* requiring UST inspection by certified UST inspector within 30 days.
6/22/10	The MDE-OCP issues correspondence to the 3919 Madonna Rd DNR Ranger Facility requesting an additional monitoring well at the property.
12/13/10	The MDE-OCP issues a *Site Status Letter* regarding determinations made from recent investigations at both the High's Store #130 and the 3919 Madonna Rd DNR Ranger Station. High's of Baltimore identified as responsible party for petroleum impacts at the 3914 and 3922 Madonna Rd and 3922 Greenpeak Rd properties.
4/2011	The Harford County Health Department collects additional water samples in the area including the 3921 Greenpeak Rd residence.
5/17/11	MDE grants Freedom of Information Act (FOIA) request to Nutshell Enterprises, regarding the Madonna Rd State Tower (DNR Ranger facility).
2/17/12	The MDE-OCP issues a *Site Status Letter* directing High's of Baltimore to continue the following: maintaining the GAC filtration system operation, quarterly sampling (and maintenance as needed) of the 3914 Madonna Rd carbon system, quarterly sampling at the 3921 Greenpeak Rd residence, annual sampling of the High's Store #130 onsite supply well, and semiannual sampling of the monitoring well network and tank field wells.

HISTORICAL ACTIVITY SUMMARY (CONT.)

3/16/12	GES assumes role as environmental consultant for the project on behalf of High's of Baltimore.
5/15/12	The MDE-OCP provides clarification via email correspondence regarding a required quarterly sampling frequency for the 3922 Greenpeak Rd residence.
7/23/12	A carbon change out was performed on the 3914 Madonna Rd GAC filtration unit.
5/28/13	A carbon change out was performed on the 3914 Madonna Rd GAC filtration unit.
5/27/14	A carbon change out was performed on the 3914 Madonna Rd GAC filtration unit.
8/22/14	MTBE concentrations exceeded the MDE action level of 20 ug/l at 3921 Greenpeak Rd.
9/23/14	The MDE issued a directive letter requiring the installation of a GAC filtration system at 3921 Greenpeak Rd no later than October 30, 2014 and to commence monthly sampling of the GAC filtration system before November 15, 2014 for a three month duration.
10/6/15	GES received acknowledgement from the MDE for its request for information under the Public Information Act (PIA) regarding potable well locations in site's local vicinity.
10/30/14	Signed Access Agreement received from the property owner of 3921 Greenpeak Rd.
11/11/14	GAC filtration system installed at 3921 Greenpeak Rd; monthly sampling initiated for a three-month duration (November/December/January) and then resumed to a quarterly frequency.
2/24/15	*Site Investigation Work Plan* submitted to MDE outlining installation of three pairs of 2-inch monitoring wells (MWs) (1 shallow and 1 deep for each MW pair).
4/17/15	Onsite meeting with High's and the MDE occurred to discuss the proposed monitoring well locations presented in the *Site Investigation Work Plan*.
5/28/15	MDE issues *Site Investigation Work Plan* approval.
6/29/15	Monitoring well installations begin.
7/15/15	Monitoring well installations and developments are completed.
7/30/15	New monitoring wells MW-4, 4D, 5, 5D, 6 and 6D are sampled.
9/11/15	GES submits the *Site Investigation Report* to the MDE for the newly installed wells.
12/14/15	A carbon change out was performed on the 3914 Madonna Rd GAC filtration unit.
4/6/16	GES receives phone call from the MDE requesting an expanded volatile organic compound (VOC) results list with EPA Method 524.2
5/6/16	GES informs the MDE that grout settlement was noted in MW-4D by the GES technician during the semi-annual groundwater sampling event.
5/19/16	GES supervises the re-grouting of MW-4D by Allied Environmental Services.
6/2/16	GES visits the site and notes that well MW-4D grout has settled an additional few feet since the initial repair by Allied.
6/23/16	GES returns to the site and re-grout's MW-4D casing to just below grade.
8/16/16	GES returns to the Site and re-grout's MW-4D casing to just below grade.
8/16/16	GES receives *Sampling Change Approval – September 13, 2016* directive from the MDE, approving GES' reduced "target" EPA 524.2 VOCs list.
12/8/16	GES submits the *2nd Semi-Annual 2016 Monitoring Report & Conceptual Site Model* to the MDE.
3/21/17	A carbon change out was performed on the 3914 Madonna Rd GAC filtration unit.
5/16/17	The MDE issues *Request for Continued Sampling* letter dated May 16, 2017 in response to the *2nd Semi-Annual 2016 Monitoring Report & Conceptual Site Model.*
6/9/17	GES requests and is granted a two-week extension for submission of *1st Semi-annual 2017 Monitoring Report* originally due to the MDE on June 12, 2017.
6/22/17	GES submits the *1st Semi-Annual 2017 Monitoring Report* to the MDE.
12/8/17	GES submits the *2nd Semi-Annual 2017 Monitoring Report* to the MDE.
12/13/17	GES receives *Request for Cooperative Sampling – December 13, 2017.*

HISTORICAL ACTIVITY SUMMARY (CONT.)

3/5/18	A carbon change out was performed on the 3921 Greenpeak Rd. GAC filtration unit.
6/20/18	GES submits the *1st Semi-Annual 2018 Monitoring Report* to the MDE.
11/28/18	GES submits the *2nd Semi-Annual 2018 Monitoring Report* to the MDE.
12/10/18	A carbon change out was performed on the 3914 Madonna Rd. GAC filtration unit.
6/14/19	GES submits the *1st Semi-Annual 2019 Monitoring Report* to the MDE.
7/25/19	A carbon change out was performed on the 3914 Madonna Rd. GAC filtration unit.
11/18/19	A carbon change out was performed on the 3914 Madonna Rd. GAC filtration unit.
11/7/2019	GES submits the *2nd Semi-Annual 2019 Monitoring Report* to the MDE.
1/10/2020	GES submits the *Request for Release of POET Maintenance Responsibility 3914 Madonna Road* to the MDE.

APPENDIX B

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

Europhins Lancaster Laboratories
ID Numbers:
2085620
2087960
2096677

APPENDIX C

Vertical Groundwater Gradient Calculations

Vertical Gradient Calculations
First Semi-annual Period -2020

Carroll – High's #130 Madonna
4101 Norrisville Road
Madonna, MD 21161

Input Parameters

	Surface Elevation	Depth to Well Screen	Screen Length	Depth to Water
Shallow Well	91.56	12	20	18.13
Deep Well	91.20	83	10	17.56

Results

	Magnitude	Flow Direction	
Screen mid-point value	0.003318	up	
Range of Estimates	0.002791 to 0.004	up; up	More information...

Flow directions can be determined. Shallow well is a water table well. Only submerged length

Gradient Estimate Between Piezometers (screen lengths equal to zero)

Piezoemeters	0.002943	up

MW-4 and MW-4D vertical gradient magnitude (well screen mid-point to mid-point calculation) of 0.003318 in an upward flow direction (calculated with the Environmental Protection Agency's (EPA) on-line vertical gradient calculator).

Input Parameters

	Surface Elevation	Depth to Well Screen	Screen Length	Depth to Water
Shallow Well	85.69	10	20	13.13
Deep Well	85.95	75	10	13.36

Results

	Magnitude	Flow Direction	
Screen mid-point value	0.0005157	up	
Range of Estimates	0.0004189 to 0.00	up; up	More information...

Flow directions can be determined. Shallow well is a water table well. Only submerged length

Gradient Estimate Between Piezometers (screen lengths equal to zero)

Piezoemeters	0.0004634	up

MW-5 and MW-5D vertical gradient magnitude (well screen mid-point to mid-point calculation) of 0.0005157 in an upward flow direction (calculated with the EPA on-line vertical gradient calculator).

Vertical Gradient Calculations
First Semi-annual Period -2020

Carroll – High's #130 Madonna
4101 Norrisville Road
Madonna, MD 21161

	Surface Elevation	Depth to Well Screen	Screen Length	Depth to Water
Shallow Well	84.99	10	20	12.40
Deep Well	85.40	65	10	12.65

Results

	Magnitude	Flow Direction	
Screen mid-point value	0.003306	up	
Range of Estimates	0.002573 to 0.004	up; up	More information...

Flow directions can be determined. Shallow well is a water table well. Only submerged length

Gradient Estimate Between Piezometers (screen lengths equal to zero)

Piezoemeters	0.002931	up

MW-6 and MW-6D vertical gradient magnitude (well screen mid-point to mid-point calculation) of 0.003306 in an upward flow direction (calculated with the EPA on-line vertical gradient calculator).

EPA's vertical gradient calculator can be located at this site:
https://www3.epa.gov/ceampubl/learn2model/part-two/onsite/vgradient.html