



EBA Engineering Inc.
4813 Seton Drive
Baltimore, MD 21215

o 410.358.7171
f 410.358.7213
w www.ebaengineering.com

December 6, 2017

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

Subject: Chester River Hospital Center – Amended 2017 Third Quarter Monitoring Report

Reference: MDE Case No. 87-2534-KE
MDE Facility ID No. 3168
EBA Engineering, Inc. Project No. 4070-00

Dear Ms. Bull:

On behalf of Chester River Hospital Center (CRHC), EBA Engineering, Inc. (EBA) is pleased to submit this amended third quarter monitoring report for the period of May 1st through July 31st, 2017. This amendment is based upon Maryland Department of Environment's review of the 2017 Third Quarter Monitoring Report and our determination that additional clarifications would be beneficial relative to the rationale for adding Silica Gel Cleanup to the testing protocols.

A summary of this amendment includes the following:

- Overview of Settlement Agreement and Consent Order
- Technical discussion of Silica Gel Cleanup
- Correction to Table 1 – “Groundwater Monitoring Wells & Recovery Wells – Historic Data Summary”
- Addition of Table 2 – “Silica Gel Data Summary”

Overview of Settlement Agreement and Consent Order

On May 11, 2016 a Settlement Agreement and Consent Order (Consent Order) was executed between the University of Maryland Shore Regional Health (Hospital) and the Maryland Department of the Environment (Department). The Consent Order details the requirements of the hospital and provides direction for achieving case closure. Site activities that have occurred since May 11, 2016 are the result of the Consent Order. Status updates as related to the Consent Order will be included in future reports. Work to be performed by the hospital per the Consent Order and their current status include the following:

- Paragraph 35 – The Hospital shall implement the Approved CAP in accordance with its terms, including any amendments thereto. (Status – Completed.)
- Paragraph 36 – Any subsequent amendments to the Approved CAP must be in writing and executed by both parties. (Status – Approved CAP completed. No amendments required.)

- Paragraph 37 – Parties may choose to address Minor Technical Modifications to the Approved CAP in accordance with the “Minor Technical Modifications” provisions of the Consent Order. (Status - Approved CAP completed. No minor technical modifications required.)
- Paragraph 38 – Once the Approved CAP has been completed, the Hospital shall continue monthly and quarterly sampling collection of the Department designated monitoring wells including laboratory testing of appropriate constituents as previously directed by the Department including using EPA Method 8260 for volatile organic compounds, fuel oxygenates, and naphthalene and using EPA Method 8015 for TPH-DRO. This Hospital shall also begin monitoring groundwater quarterly for surfactants using EPA Method 5540D until surfactants are no longer detected in any of the site wells. The Hospital shall submit quarterly reports of the sampling and analysis pursuant to the Department’s schedule. (Status – Ongoing. Monitoring currently being performed in accordance with Department’s letter dated December 20, 2016.)
- Paragraph 39 – Monthly and quarterly sampling shall continue pursuant to ongoing Department monitoring requirements until project closure or upon written determination by the Department that the existing quarterly and monthly monitoring is to be replaced with a revised/updated monitoring plan. (Status – Ongoing. Monitoring currently being performed in accordance with Department’s letter dated December 20, 2016.)
- Paragraph 40 – The Department and the Hospital have discussed the need to install several soil borings on the site for the collective purposes of logging soil types with depth, collecting soil samples with depth, collecting groundwater samples, and determining the presence of LPH with depth. The Department will send a request for a work plan to the Hospital for this purpose. The Hospital will submit a work plan for the Department’s approval. The Department will review the work plan and approve it, or approve it with modifications. The Hospital will complete the approved work plan within the time frames specified by the Department. The Hospital will compile all data collected from this soil boring investigation into a comprehensive report to be submitted to the Department at the time to be specified in the work plan approval. (Status - Completed.)
- Paragraph 41 – Once surfactants are no longer detected by the laboratory analysis and TPH-DRO concentrations are at or less than 1 part per million (ppm), the Hospital may submit to the Department a request to turn off the pump and treat system and begin post-remedial monitoring. (Status – Ongoing.)

Paragraphs 42 – 47 are related to post-remedial monitoring and case closure requirements. Their inclusion is not warranted at this time as a limited number of monitoring wells contains residual surfactant and TPH-DRO concentrations greater than 1 ppm.

Silica Gel Cleanup

The CHRC site contains 49 monitoring wells that are monitored on a monthly basis. Of the 49 monitoring wells (MWs), 14 MWs (MW-9, MW-10R, MW-11, MW-13, MW-14, MW-20, MW-37, MW-41, MW- 43, MW-45, MW-46, MW-47, MW-51, and MW-54) historically showed Total Petroleum Hydrocarbons – Diesel Range Organics (TPH-DRO) concentrations greater than 1.0 ppm. These 14 MWs are of significance as the Consent Order requires all monitoring wells must show TPH-DRO results at or less than 1.0 ppm before the Hospital can request to turn off the pump and treat system and begin post-remedial monitoring. As the majority of the CRHC site monitoring wells for TPH-DRO are less than 1.0 ppm, further inquiry pertaining to TPH-DRO analysis and these 14 MWs was deemed warranted by the technical team.

In general, the purpose of the TPH-DRO analysis is to quantify the dissolved petroleum hydrocarbons in the groundwater sample. However, neither the extraction method (Method 3510) nor the quantification method (Method 8015) is specific to hydrocarbons and thus polar non-petroleum hydrocarbons can be extracted and quantified as part of the analysis. Although not a constituent of petroleum, polar nonhydrocarbons (polars) can occur in groundwater at petroleum fuel release sites for several reasons including (1) natural organics unrelated to the petroleum release (e.g. humic and fluvic acids), (2) oxygenated metabolites from biodegradation of the petroleum (e.g. carboxylic acids, alcohols, ketones, aldehydes, and phenols), (3) laboratory or sampling equipment artifacts (e.g., phthalates, and acetone), and (4) nonpetroleum-related chemicals (e.g., pesticides, chlorinated solvents, etc.) (Zemo et al. 1995, 2013; Zemo and Foote 2003, Manzar et al. 2011). Therefore, removal of the polars prior to TPH-DRO quantification for the above-referenced 14 MWs was considered critical for achieving the most accurate results for comparison to the Consent Order.

The silica gel cleanup (SGC) method can be used to separate the polars from the hydrocarbons in the sample extract prior to quantification of TPH-DRO. As a polar material, silica gel will adsorb polar nonhydrocarbons present in the sample. As a result, hydrocarbons, which are nonpolar in molecular structure, are not adsorbed by the silica gel and will remain to be appropriately quantified as TPH-DRO (Zemo et al. 2013). There are two SGC method types commonly referred to as the “Shake” and “Column” SGC methods. Based upon a comparison of the “Shake” and “Column” SGC methods, the “Column” SGC method was selected as it was proven more effective than the “Shake” method in separating polars from hydrocarbons in extracts to be analyzed by TPH-DRO (Zemo et al. 2013). The “Column” SGC method uses a glass column filled with 10g of silica gel. Briefly, the sample extract and quality control surrogates are placed on the column, the column is eluted with an appropriate rinse solvent, and the cleaned up extract is re-concentrated and analyzed (Zemo et al. 2013).

The technical team retained the services of Eurofins Lancaster Laboratories Environmental, LLC (Eurofins) to provide this specialty extraction and testing. Eurofins is certified by the Maryland Department of the Environment Water Supply Program as a State Certified Water Quality Laboratory. A copy of their accreditation is included in **Appendix A**.

As part of the July 2017 sampling event, BrightFields, Inc. collected the samples in laboratory provided bottle ware from the above-referenced 14 MWs and submitted the samples to Phase Separation Science, Inc. (Phase) laboratory following chain-of-custody procedures. Phase subsequently sent these samples to Eurofins for TPH-DRO analysis with and without the utilization of the SGC method following chain-of-custody procedures.

Table 2 shows the results of the TPH-DRO analysis with and without the SGC method from the above-referenced 14 MWs. In reviewing the results, the utilization of the SGC method resulted in a significant reduction of TPH-DRO in comparison to the results without the utilization of the SGC method, with the exception of 2 monitoring wells (MW-37 and MW-54). With the exception of MW-37 and MW-54, the results showed an arithmetic average percent reduction in TPH-DRO concentrations of 84% when utilizing the SGC method. With the significant reduction in TPH-DRO concentrations, this resulted in MW-9, MW-10R, MW-11, MW-13, MW-20, MW-43, MW-45, and MW-46 showing TPH-DRO concentrations of less than 1.0 ppm.

With respect to the reported increase in TPH-DRO concentrations of MW-37 and MW-54, post SGC methodology, subsequent inquiry with the lab, technical publications, and experience of the technical team, it is our opinion the results for MW-37 and MW-54 were false positives. The

Technical Team decided to resample these wells during September's gauging event. These new results will be discussed in the 2017 Fourth Quarter Monitoring Report.

For the four monitoring wells showing results greater than 1.0 ppm (MW-14 at 4.4 ppm, MW-41 at 1.1 ppm, MW-47 at 3.9 ppm, and MW-51 at 1.2 ppm), the Technical Team decided to resample these wells as part of September's gauging event for undergoing a time series analytical comparison and will be discussed in the 2017 Fourth Quarter Monitoring Report. It should be noted their arithmetic average percent reduction in TPH-DRO concentrations were 65% in comparison to the 84% from the twelve monitoring wells.

With respect to the next quarterly sampling event in October, the above-referenced 14 MWs were again sampled with and without the SGC method. Their results, discussion, and interpretation will be provided in the next quarterly report. Moving forward, the continuation of the SGC method for these wells may be required to remove the polar nonhydrocarbons prior to TPH-DRO quantification and therefore providing a more accurate representation of TPH-DRO concentrations at the site. In closing, we are requesting the Department to accept the continued utilization of the SGC method.

Correction to Table 1 – “Groundwater Monitoring Wells & Recovery Wells – Historic Data Summary”

Prior to July's 2017 sampling event, all TPH-DRO results presented in **Table 1** were based upon EPA's Analytical Method: SW-846 8015C utilizing EPA's Preparation Method: 3510C. With the utilization of SGC as part of July's sampling event, the summary data presented **Table 1** included those results of the SGC from the select 14 MWs. To restore consistency to **Table 1**, the SGC results have since been removed and are now presented in **Table 2 “Silica Gel Data Summary”**. **Table 1** will continue to represent TPH-DRO results based upon EPA's Analytical Method: SW-846 8015C utilizing EPA's Preparation Method: 3510C.

Addition of Table 2 – “Silica Gel Data Summary”

As referenced above, **Table 2** shows the results of the TPH-DRO analysis with and without the SGC method as well as the percent reduction of TPH-DRO concentrations based upon the utilization of the SGC method. Percent reduction is calculated as follows:

$$\frac{(V2 - V1)}{|V1|} \times 100$$

Where V1 = Value without SGC

Where V2 = Value with SGC

All future reports will continue to include **Table 2** when the SGC method is utilized for select monitoring wells. Furthermore, **Table 2** may also be used for time series analytical comparisons as analytical results post July 2017 will be presented.

Should you have any questions regarding this amendment to the 2017 Third Quarter Monitoring Report, do not hesitate to call me at 410-504-6112.

Sincerely,

EBA Engineering, Inc.



James P. Sines, CHMM
Department Manager

Attachments:

cc: Mr. Ken Kozel (Shore Regional Health)
Mr. Dane Bauer (H&B Solutions, LLC)
Mr. Ken Hannon (BrightFields, Inc.)
Mayor Chris Cerino
Mr. Bill Ingersoll
Mr. Bob Sipes
Mr. Michael Powell, Esq. (Gordon-Feinblatt)
Mr. George A. Ivey (Ivey International Inc.)

TABLE 1

Groundwater Monitoring Wells & Recovery Wells – Historic Data Summary

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-1	5-Jun-12	57.05	47.38	9.67	<1	<1	<1	<2	<2	<1	3.1	NS	<1	NS
	6-Sep-12	57.05	46.01	11.04	<1	<1	<1	<2	<2	<1	16	NS	<1	NS
	4-Dec-12	57.05	46.12	10.93	<1	<1	<1	<2	<2	<1	11	<0.1	<1	NS
	4-Mar-13	57.05	45.95	11.10	<1	<1	<1	<2	<2	<1	1.5	<0.1	<1	NS
	4-Jun-13	57.05	45.70	11.35	<1	<1	<1	<2	<2	<1	3.0	<0.1	<1	NS
	30-Jan-14	57.05	47.96	9.09	<1	<1	<1	<2	<2	<1	62	NS	<1	NS
	28-Apr-14	57.05	47.60	9.45	<1	<1	<1	<2	<2	<1	5.4	NS	<1	NS
	24-Oct-14	57.05	46.39	10.66	<1	<1	<1	<2	<2	<1	1.2	NS	<1	NS
	23-Jan-15	57.05	45.42	11.63	<1	<1	<1	<2	<2	<1	10	<0.1	<1	NS
	24-Apr-15	57.05	45.85	11.20	<1	<1	<1	<2	<2	<1	2.7	<0.1	<1	NS
	30-Jul-15	57.05	45.41	11.64	<1	<1	<1	<2	<2	<1	2.0	<0.1	<1	NS
	21-Sep-15	57.05	46.08	10.97	NS	NS	NS	NS	NS	NS	1.7	NS	NS	NS
	5-Oct-15	57.05	46.21	10.84	NS	NS	NS	NS	NS	NS	0.62	NS	NS	NS
	19-Oct-15	57.05	46.38	10.67	<5	<5	<5	<10	<10	<5	0.51	NS	<5	NS
	7-Jan-16	57.05	46.57	10.48	<1	<1	<1	<2	<2	<1	2.1	NS	<1	NS
	23-Feb-16	57.05	46.98	10.07	NS	NS	NS	NS	NS	NS	1.0	NS	NS	NS
	22-Apr-16	57.05	46.46	10.59	<1	<1	<1	<2	<2	<1	3.6	NS	<1	7.6
	24-May-16	57.05	46.03	11.02	NS	NS	NS	NS	NS	NS	2.3	NS	NS	<1.4
	28-Jul-16	57.05	46.02	11.03	<1	<1	<1	<2	<2	<1	3.0	NS	<1	NS
	27-Oct-16	57.05	46.97	10.08	<1	<1	<1	<2	<2	<1	1.1	NS	<1	NS
	19-Jan-17	57.05	46.68	10.37	<1	<1	<1	<2	<2	<1	0.62	NS	<1	NS
	20-Apr-17	57.05	46.54	10.51	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jul-17	57.05	46.37	10.68	<1	<1	<1	<2	<2	<1	0.52	NS	<1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-2	12-Jun-12	56.37	46.94	9.43	<1	<1	<1	<2	<2	<1	6.6	NS	1.2	NS
	6-Sep-12	56.37	45.45	10.92	<1	<1	<1	<2	<2	<1	7.7	NS	<1	NS
	4-Dec-12	56.37	45.55	10.82	<1	<1	<1	<2	<2	<1	20	<0.1	8	NS
	4-Mar-13	56.37	45.36	11.01	<1	<1	<1	<2	<2	<1	28	0.44	5.9	NS
	4-Jun-13	56.37	45.12	11.25	<1	<1	<1	<2	<2	<1	15	<0.1	<1	NS
	30-Jan-14	56.37	47.47	8.90	<1	<1	<1	<2	<2	<1	21	NS	4.6	NS
	28-Apr-14	56.37	47.15	9.22	<1	<1	<1	<2	<2	<1	12	NS	2.2	NS
	23-Jul-14	56.37	44.93	11.44	<1	<1	<1	<2	<2	<1	3.3	NS	<1	NS
	24-Oct-14	56.37	45.88	10.49	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Jan-15	56.37	44.90	11.47	<1	<1	<1	<2	<2	<1	13	<0.1	<1	NS
	24-Apr-15	56.37	45.36	11.01	<1	<1	<1	<2	<2	<1	12	<0.1	<1	NS
	30-Jul-15	56.37	44.88	11.49	<1	<1	<1	<2	<2	<1	1.4	<0.1	<1	NS
	21-Sep-15	56.37	45.61	10.76	NS	NS	NS	NS	NS	NS	1.9	NS	NS	NS
	5-Oct-15	56.37	45.75	10.62	NS	NS	NS	NS	NS	NS	5.6	NS	NS	NS
	19-Oct-15	56.37	45.91	10.46	<5	<5	<5	<10	<10	<5	0.63	NS	<5	NS
	7-Jan-16	56.37	46.08	10.29	<1	<1	<1	<2	<2	<1	3.1	NS	<1	NS
	23-Feb-16	56.37	46.51	9.86	NS	NS	NS	NS	NS	NS	0.94	NS	NS	NS
	22-Apr-16	56.37	45.94	10.43	<1	<1	<1	<2	<2	<1	3.8	NS	<1	9.65
	24-May-16	56.37	45.47	10.90	NS	NS	NS	NS	NS	NS	3.5	NS	NS	7.20
	28-Jul-16	56.37	45.48	10.89	<1	<1	<1	<2	<2	<1	3.0	NS	<1	<3.5
	27-Oct-16	56.37	46.59	9.78	<1	<1	<1	<2	<2	<1	1.2	NS	<1	NS
	19-Jan-17	56.37	46.20	10.17	<1	<1	<1	<2	<2	<1	0.61	NS	<1	NS
	20-Apr-17	56.37	46.00	10.37	<1	<1	<1	<2	<2	<1	0.42	NS	<1	NS
	19-Jul-17	56.37	46.23	10.14	<1	<1	<1	<2	<2	<1	1.2	NS	<1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-3	5-Jun-12	50.55	41.82	8.73	<1	<1	<1	<2	<2	<1	100	NS	4.1	NS
	6-Sep-12	50.55	39.87	10.68	<1	<1	<1	<2	<2	<1	0.61	NS	2.7	NS
	4-Dec-12	50.55	39.92	10.63	<1	<1	<1	<1	<1	<1	2.6	<0.1	2.8	NS
	4-Mar-13	50.55	39.75	10.80	<1	<1	<1	<1	<1	<1	0.48	<0.1	2.5	NS
	4-Jun-13	50.55	39.50	11.05	<1	<1	<1	<2	<2	<1	0.34	<0.1	<1	NS
	30-Jan-14	50.55	42.00	8.55	<1	<1	<1	<2	<2	<1	12	NS	2.3	NS
	28-Apr-14	50.55	41.90	8.65	<1	<1	<1	<2	<2	<1	2.2	NS	1.4	NS
	23-Jul-14	50.55	39.33	11.22	<1	<1	<1	<2	<2	<1	0.27	NS	<1	NS
	24-Oct-14	50.55	40.63	9.92	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Jan-15	50.55	39.42	11.13	<1	<1	<1	<2	<2	<1	1.3	<0.1	<1	NS
	24-Apr-15	50.55	40.09	10.46	<1	<1	<1	<2	<2	<1	0.26	<0.1	<1	NS
	30-Jul-15	50.55	39.55	11.00	<1	<1	<1	<2	<2	<1	0.1	<0.1	<1	NS
	21-Sep-15	50.55	40.20	10.35	NS	NS	NS	NS	NS	NS	0.81	NS	NS	NS
	5-Oct-15	50.55	40.47	10.08	NS	NS	NS	NS	NS	NS	2.0	NS	NS	NS
	19-Oct-15	50.55	40.63	9.92	<5	<5	<5	<10	<10	<5	0.77	NS	<5	NS
	7-Jan-16	50.55	40.72	9.83	<1	<1	<1	<2	<2	<1	2.3	NS	<1	NS
	23-Feb-16	50.55	41.18	9.37	NS	NS	NS	NS	NS	NS	0.48	NS	NS	NS
	22-Apr-16	50.55	40.79	9.76	<1	<1	<1	<2	<2	<1	3.8	NS	<1	<1.4
	28-Jul-16	50.55	40.07	10.48	<1	<1	<1	<2	<2	<1	1.9	NS	<1	NS
	27-Oct-16	50.55	41.23	9.32	<1	1.4	<1	<2	1.4	<1	1.4	NS	<1	NS
	19-Jan-17	50.55	40.87	9.68	<1	<1	<1	<2	<2	<1	0.34	NS	<1	NS
	20-Apr-17	50.55	40.51	10.04	<1	<1	<1	<2	<2	<1	0.70	NS	<1	NS
	19-Jul-17	50.55	40.76	9.79	<1	<1	<1	<2	<2	<1	0.72	NS	<1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-4	5-Jun-12	53.40	44.10	9.30	<1	<1	<1	<2	<2	<1	0.1	NS	<1	NS
	5-Sep-12	53.40	42.55	10.85	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	53.40	42.64	10.76	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Mar-13	53.40	42.47	10.93	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Jun-13	53.40	42.22	11.18	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	30-Jan-14	53.40	44.51	8.89	<1	<1	<1	<2	<2	<1	11	NS	<1	NS
	28-Apr-14	53.40	44.23	9.17	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Jul-14	53.40	41.98	11.42	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Oct-14	53.40	42.98	10.42	<1	<1	<1	<2	<2	<1	0.15	NS	<1	NS
	23-Jan-15	53.40	41.92	11.48	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	24-Apr-15	53.40	42.51	10.89	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jul-15	53.40	42.01	11.39	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	21-Sep-15	53.40	42.69	10.71	NS	NS	NS	NS	NS	NS	1.0	NS	NS	NS
	5-Oct-15	53.40	42.88	10.52	NS	NS	NS	NS	NS	NS	0.85	NS	NS	NS
	19-Oct-15	53.40	43.05	10.35	<5	<5	<5	<10	<10	<5	0.53	NS	<5	NS
	7-Jan-16	53.40	43.15	10.25	<1	<1	<1	<2	<2	<1	0.85	NS	<1	NS
	23-Feb-16	53.40	43.58	9.82	NS	NS	NS	NS	NS	NS	1.2	NS	NS	NS
	22-Apr-16	53.40	43.02	10.38	<1	<1	<1	<2	<2	<1	5.4	NS	<1	15.2
	24-May-16	53.40	42.59	10.81	NS	NS	NS	NS	NS	NS	9.5	NS	NS	11.1
	28-Jul-16	53.40	42.98	10.42	<1	<1	<1	<2	<2	<1	6.5	NS	<1	3.71
	28-Sep-16	53.40	43.29	10.11	NS	NS	NS	NS	NS	NS	3.2	NS	NS	<1.4
	27-Oct-16	53.40	43.60	9.80	<1	<1	<1	<2	<2	<1	4.5	NS	<1	NS
	19-Jan-17	53.40	43.28	10.12	<1	<1	<1	<2	<2	<1	1.5	NS	<1	NS
	20-Apr-17	53.40	43.06	10.34	<1	<1	<1	<2	<2	<1	0.69	NS	<1	NS
	19-Jul-17	53.40	43.30	10.10	<1	<1	<1	<2	<2	<1	2.0	NS	<1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-5	5-Jun-12	61.08	51.42	9.66	<1	<1	<1	<2	<2	<1	1.2	NS	<1	NS
	6-Sep-12	61.08	50.01	11.07	<1	<1	<1	<2	<2	<1	1.9	NS	<1	NS
	4-Dec-12	61.08	50.12	10.96	<1	<1	<1	<2	<2	<1	0.38	<0.1	<1	NS
	4-Mar-13	61.08	49.93	11.15	<1	<1	<1	<2	<2	<1	1.5	<0.1	<1	NS
	4-Jun-13	61.08	49.68	11.40	<1	<1	<1	<2	<2	<1	1.6	<0.1	<1	NS
	30-Jan-14	61.08	51.93	9.15	<1	<1	<1	<2	<2	<1	3.6	NS	<1	NS
	28-Apr-14	61.08	51.62	9.46	<1	<1	<1	<2	<2	<1	3.2	NS	<1	NS
	24-Jul-14	61.08	49.46	11.62	<1	<1	<1	<2	<2	<1	0.34	NS	<1	NS
	24-Oct-14	61.08	50.41	10.67	<1	<1	<1	<2	<2	<1	2.7	NS	<1	NS
	23-Jan-15	61.08	49.42	11.66	<1	<1	<1	<2	<2	<1	1.4	<0.1	<1	NS
	24-Apr-15	61.08	49.89	11.19	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jul-15	61.08	49.40	11.68	<1	<1	<1	<2	<2	<1	0.32	<0.1	<1	NS
	21-Sep-15	61.08	50.05	11.03	NS	NS	NS	NS	NS	NS	0.65	NS	NS	NS
	5-Oct-15	61.08	50.23	10.85	NS	NS	NS	NS	NS	NS	1.6	NS	NS	NS
	19-Oct-15	61.08	50.41	10.67	<5	<5	<5	<10	<10	<5	0.53	NS	<5	NS
	7-Jan-16	61.08	50.60	10.48	<1	<1	<1	<2	<2	<1	2.8	NS	<1	NS
	23-Feb-16	61.08	51.04	10.04	NS	NS	NS	NS	NS	NS	0.90	NS	NS	NS
	22-Apr-16	61.08	50.51	10.57	<1	<1	<1	<2	<2	<1	3.2	NS	<1	2.16
	22-Jun-16	61.08	50.11	10.97	NS	NS	NS	NS	NS	NS	0.62	NS	NS	<1.4
	28-Jul-16	61.08	50.03	11.05	<1	<1	<1	<2	<2	<1	0.96	NS	<1	NS
	27-Oct-16	61.08	51.00	10.08	<1	<1	<1	<2	<2	<1	0.77	NS	<1	NS
	19-Jan-17	61.08	50.73	10.35	<1	<1	<1	<2	<2	<1	0.40	NS	<1	NS
	20-Apr-17	61.08	50.55	10.53	<1	<1	<1	<2	<2	<1	0.63	NS	<1	NS
	19-Jul-17	61.08	50.80	10.28	<1	<1	<1	<2	<2	<1	0.98	NS	<1	NS

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Table 1 - Groundwater Monitoring Wells - Historic Data Summary
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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-9	6-Jun-12	46.95	40.41	6.54	1.1	<1	<1	<2	1.1e	<1	3.7	NS	4.4	NS
	6-Sep-12	46.95	36.99	9.96	<1	<1	<1	<2	<2	<1	1.1	NS	<1	NS
	4-Dec-12	46.10	36.18	9.92	<1	<1	<1	<2	<2	<1	0.64	<0.1	<1	NS
	4-Mar-13	46.10	35.98	10.12	<1	<1	<1	<2	<2	<1	0.47	<0.1	<1	NS
	4-Jun-13	46.10	35.72	10.38	<1	<1	<1	<2	<2	<1	0.6	<0.1	<1	NS
	30-Jan-14	46.10	39.47	6.63	<1	<1	<1	<2	<2	<1	5.9	NS	1.5	NS
	28-Apr-14	46.10	39.55	6.55	1.7	<1	1.7	<2	1.7	<1	0.89	NS	3.2	NS
	24-Jul-14	46.10	35.73	10.37	<1	<1	<1	<2	<2	<1	1.4	NS	4.5	NS
	24-Oct-14	46.60	38.60	8.00	<1	<1	<1	<2	<2	<1	1.2	NS	1.5	NS
	22-Jan-15	46.60	37.04	9.56	<1	<1	<1	<2	<2	<1	2.3	<0.1	2.4	NS
	24-Apr-15	46.60	37.31	9.29	<1	<1	<1	<2	<2	<1	3.1	<0.1	3.2	NS
	30-Jul-15	46.60	37.41	9.19	<1	<1	<1	<2	<2	<1	0.26	<0.1	5.1	NS
	21-Oct-15	46.60	38.60	8.00	<1	<1	<1	<2	<2	<1	2.3	NS	2.8	NS
	5-Jan-16	46.60	38.16	8.44	<1	<1	<1	<2	<2	<1	7.4	NS	5.6	NS
	23-Feb-16	-	-	-	NS	NS	NS	NS	NS	NS	0.45	NS	NS	NS
	22-Apr-16	46.60	38.56	8.04	<1	<1	<1	<2	<2	<1	4.0	NS	1.9	13.4
	25-May-16	46.60	37.03	9.57	NS	NS	NS	NS	NS	NS	4.8	NS	NS	11.0
	28-Jul-16	46.60	37.88	8.72	<1	<1	<1	<2	<2	<1	3.6	NS	1.5	<3.5
	27-Oct-16	46.60	39.28	7.32	<1	<1	<1	<2	<2	<1	7.2	NS	4.1	NS
	18-Jan-17	46.60	38.69	7.91	<1	<1	1.5	<2	1.5	<1	2.2	NS	5.0	NS
	20-Apr-17	46.60	37.89	8.71	<1	<1	1.2	<2	1.2	<1	2.8	NS	6.2	NS
	19-Jul-17	46.60	38.14	8.46	<1	<1	<1	<2	<2	<1	3.2	NS	2.8	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-10R	4-Dec-12	48.81	36.90	11.91	<1	<1	<1	<2	<2	<1	0.15	<0.1	<1	NS
	4-Mar-13	48.81	38.62	10.19	<1	<1	<1	<2	<2	<1	0.15	<0.1	<1	NS
	3-Jun-13	48.70	38.23	10.47	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jan-14	48.70	41.86	6.84	<1	<1	<1	<2	<2	<1	11	NS	<1	NS
	28-Apr-14	48.70	41.49	7.21	<1	<1	<1	<2	<2	<1	<0.1	NS	1.3	NS
	29-Jul-14	48.70	38.16	10.54	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	1.57
	15-Aug-14	48.70	38.88	9.82	<1	<1	<1	<2	<2	<1	0.87	<0.1	1.2	<1.4
	19-Sep-14	48.70	38.93	9.77	<1	<1	<1	<2	<2	<1	0.88	<0.1	2.3	<1.4
	24-Oct-14	48.70	40.09	8.61	<1	<1	<1	<2	<2	<1	0.2	<0.1	<1	<1.4
	20-Nov-14	48.70	39.30	9.40	<1	<1	<1	<2	<2	<1	0.35	<0.1	<1	<1.4
	23-Jan-15	48.70	38.71	9.99	<1	<1	<1	<2	<2	<1	0.37	<0.1	1.9	NS
	24-Apr-15	48.70	39.50	9.20	<1	<1	<1	<2	<2	<1	0.12	<0.1	<1	NS
	30-Jul-15	48.70	38.99	9.71	<1	<1	<1	<2	<2	<1	2.5	<0.1	1.7	NS
	21-Oct-15	48.70	40.25	8.45	<1	<1	<1	<2	<2	<1	0.16	NS	<1	NS
	7-Jan-16	48.70	40.61	8.09	<1	<1	<1	<2	<2	<1	1.2	NS	<1	NS
	23-Feb-16	48.70	41.36	7.34	NS	NS	NS	NS	NS	NS	1.9	NS	NS	NS
	22-Apr-16	48.70	40.65	8.05	<1	<1	<1	<2	<2	<1	5.1	NS	<1	8.52
	25-May-16	48.70	39.11	9.59	NS	NS	NS	NS	NS	NS	2.0	NS	NS	<1.4
	28-Jul-16	48.70	39.89	8.81	<1	<1	<1	<2	<2	1.0	3.7	NS	<1	NS
	27-Oct-16	48.70	40.94	7.76	<1	<1	<1	<2	<2	<1	0.86	NS	<1	NS
	19-Jan-17	48.70	40.23	8.47	<1	<1	<1	<2	<2	<1	2.7	NS	<1	NS
	20-Apr-17	48.70	39.62	9.08	<1	<1	<1	<2	<2	<1	1.2	NS	<1	NS
	19-Jul-17	48.70	40.28	8.42	<1	<1	<1	<2	<2	<1	6.7	NS	<1	NS

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MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-11	5-Jun-12	41.49	33.85	7.64	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	41.49	31.97	9.52	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	41.49	31.98	9.51	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	41.49	31.76	9.73	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	41.49	31.52	9.97	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jan-14	41.49	34.86	6.63	<1	<1	<1	<2	<2	<1	12	NS	<1	NS
	28-Apr-14	41.49	34.28	7.21	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Jul-14	41.49	31.38	10.11	<1	<1	<1	<2	<2	<1	0.38	NS	<1	NS
	24-Oct-14	41.49	32.81	8.68	<1	<1	<1	<2	<2	<1	0.15	NS	<1	NS
	23-Jan-15	41.49	31.53	9.96	<1	<1	<1	<2	<2	<1	0.13	<0.1	<1	NS
	23-Apr-15	41.49	32.41	9.08	<1	<1	<1	<2	<2	<1	0.12	<0.1	<1	NS
	30-Jul-15	41.49	31.92	9.57	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	21-Oct-15	41.49	33.07	8.42	<1	<1	<1	<2	<2	<1	<0.11	NS	<1	NS
	7-Jan-16	41.49	33.11	8.38	<1	<1	<1	<2	<2	<1	3.0	NS	<1	NS
	23-Feb-16	41.49	33.80	7.69	NS	NS	NS	NS	NS	NS	2.0	NS	NS	NS
	22-Apr-16	41.49	33.10	8.39	<1	<1	<1	<2	<2	<1	3.8	NS	<1	28.4
	25-May-16	41.49	32.18	9.31	NS	NS	NS	NS	NS	NS	5.0	NS	NS	26.8
	28-Jul-16	41.49	32.51	8.98	<1	<1	<1	<2	<2	<1	5.2	NS	<1	<3.5
	27-Oct-16	41.49	33.57	7.92	<10	<10	<10	<20	<20	<10	4.0	NS	<10	NS
	18-Jan-17	41.49	32.99	8.50	<1	<1	<1	<2	<2	<1	1.6	NS	<1	NS
	20-Apr-17	41.49	32.54	8.95	<1	<1	<1	<2	<2	<1	3.4	NS	<1	NS
	19-Jul-17	41.49	32.86	8.63	<1	<1	<1	<2	<2	<1	7.7	NS	<1	NS

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MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-12	5-Jun-12	44.46	36.85	7.61	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	44.46	34.52	9.94	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	44.46	34.53	9.93	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	44.46	34.35	10.11	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	44.46	34.08	10.38	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	1-Feb-14	44.46	37.00	7.46	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	28-Apr-14	44.46	36.68	7.78	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Jul-14	44.46	33.98	10.48	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Oct-14	44.46	35.62	8.84	<1	<1	<1	<2	<2	<1	0.38	NS	<1	NS
	23-Jan-15	44.46	34.20	10.26	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Apr-15	44.46	35.13	9.33	<1	<1	<1	<2	<2	<1	0.17	<0.1	<1	NS
	30-Jul-15	44.46	34.55	9.91	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Oct-15	44.46	35.70	8.76	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	7-Jan-16	44.46	35.61	8.85	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	21-Apr-16	44.46	35.54	8.92	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	28-Jul-16	44.46	34.99	9.47	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	27-Oct-16	44.46	36.24	8.22	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jan-17	44.46	35.75	8.71	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	44.46	35.23	9.23	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jul-17	44.46	35.45	9.01	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-13	6-Jun-12	41.70	34.94	6.76	<1	<1	<1	<2	<2	<1	3.8	NS	1.2	NS
	6-Sep-12	41.70	32.43	9.27	<1	<1	<1	<2	<2	<1	0.86	NS	1.1	NS
	4-Dec-12	41.70	32.41	9.29	<1	<1	<1	<2	<2	<1	1	<0.1	<1	NS
	4-Mar-13	41.70	32.21	9.49	<1	<1	<1	<2	<2	<1	9.5	<0.1	<1	NS
	4-Jun-13	41.70	31.92	9.78	<1	<1	<1	<2	<2	<1	33	<0.1	<1	NS
	30-Jan-14	41.70	36.15	5.55	<1	<1	<1	<2	<2	<1	7.7	NS	<1	NS
	28-Apr-14	41.70	35.67	6.03	<1	<1	<1	<2	<2	<1	0.35	NS	<1	NS
	29-Jul-14	41.70	31.82	9.88	<1	<1	<1	<2	<2	<1	0.46	<0.1	<1	<1.4
	14-Aug-14	41.70	32.77	8.93	<1	<1	<1	<2	<2	<1	0.54	<0.1	<1	<1.4
	19-Sep-14	41.70	32.90	8.80	<1	<1	<1	<2	<2	<1	2.1	<0.1	<1	<1.4
	19-Nov-14	41.70	33.16	8.54	<1	<1	<1	<2	<2	<1	0.42	<0.1	<1	<1.4
	23-Apr-15	41.70	33.78	7.92	<1	<1	<1	<2	<2	<1	0.63	<0.1	<1	NS
	30-Jul-15	41.70	33.23	8.47	<1	<1	<1	<2	<2	<1	0.22	<0.1	<1	NS
	21-Oct-15	41.70	34.45	7.25	<1	<1	<1	<2	<2	<1	0.13	NS	<1	NS
	7-Jan-16	41.70	34.31	7.39	<1	<1	<1	<2	<2	<1	1.4	NS	1.1	NS
	23-Feb-16	41.70	35.13	6.57	NS	NS	NS	NS	NS	NS	1.2	NS	NS	NS
	22-Apr-16	41.70	34.34	7.36	<1	<1	<1	<2	<2	<1	4.7	NS	<1	53.8
	22-Jun-16	41.70	33.89	7.81	NS	NS	NS	NS	NS	NS	4.2	NS	NS	28.9
	27-Jul-16	41.70	33.73	7.97	<1	<1	<1	<2	<2	<1	9.4	NS	<1	27.5
	27-Oct-16	41.70	34.77	6.93	<10	<10	<10	<20	<20	<10	6.8	NS	<10	8.28
	17-Nov-16	41.70	34.89	6.81	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.44
	18-Jan-17	41.70	34.19	7.51	<1	<1	<1	<2	<2	<1	3.5	NS	<1	3.84
	23-Feb-17	41.70	34.18	7.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.08
	22-Mar-17	41.70	34.53	7.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.20
	20-Apr-17	41.70	33.46	8.24	<1	<1	<1	<2	<2	<1	4.5	NS	<1	3.38
	24-May-17	41.70	34.51	7.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.57
	22-Jun-17	41.70	34.39	7.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.40
	19-Jul-17	41.70	33.73	7.97	<1	<1	<1	<2	<2	<1	11	NS	<1	2.45

NS - Not Sampled

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-14	6-Jun-12	41.38	35.44	5.94	1.2	<1	19	3.1	24.3	<1	17	NS	210	NS
	6-Sep-12	41.38	32.04	9.34	<1	<1	<1	<2	<2	<1	180	NS	6.3	NS
	4-Dec-12	41.38	32.04	9.34	6.2	<1	31	104	141.2	<1	9700	4.7	250	NS
	4-Mar-13	41.38	31.81	9.57	<1	<1	5.2	<2	5.2	<1	92	0.24	40	NS
	4-Jun-13	41.38	31.32	10.06	<1	<1	<1	<2	<2	<1	410	<0.1	3.6	NS
	30-Jan-14	41.38	36.74	4.64	2.9	<1	40	8	<2	<1	21	NS	110	NS
	28-Apr-14	41.38	36.33	5.05	2.5	<1	39	9.3	50.8	<1	1.5	NS	110	NS
	29-Jul-14	41.38	31.52	9.86	<1	<1	<1	<2	<2	<1	9.8	<0.1	8.8	<1.4
	14-Aug-14	41.38	33.12	8.26	<1	<1	9.0	<2	9	<1	23	0.17	81	<1.4
	19-Sep-14	41.38	34.06	7.32	1.3	<1	22	3.1	26.4	<1	210	0.39	140	<1.4
	24-Oct-14				<1	<1	3.0	<2	3	<1	38	0.13	24	<1.4
	19-Nov-14	41.38	32.04	9.34	<1	<1	<1	<2	<2	<1	42	0.2	13	<1.4
	23-Jan-15	41.38	33.60	7.78	<1	<1	<1	<2	<2	<1	130	<0.1	12	NS
	23-Apr-15	41.38	34.30	7.08	<1	<1	10	<2	10	<1	19	0.26	59	NS
	30-Jul-15	41.38	33.75	7.63	<1	<1	6.6	<2	6.6	<1	89	0.19	54	NS
	21-Sep-15	41.38	34.91	6.47	NS	NS	NS	NS	NS	NS	2.3	NS	NS	NS
	5-Oct-15	41.38	34.93	6.45	NS	NS	NS	NS	NS	NS	22	NS	NS	NS
	19-Oct-15	41.38	35.04	6.34	<5	<5	26	<10	26	<5	3.3	NS	170	NS
	5-Jan-16	41.38	34.79	6.59	1.2	<1.0	30	7.0	38.2	<1.0	2.8	NS	170	NS
	23-Feb-16	41.38	35.33	6.05	NS	NS	NS	NS	NS	NS	0.91	NS	NS	NS
	22-Apr-16	41.38	34.84	6.54	<1	<1	1.3	<2	1.3	<1	0.97	NS	10	<1.4
	28-Jul-16	41.38	34.28	7.10	1.9	<1	20	4.8	26.7	<1	4.1	NS	120	NS
	27-Oct-16	41.38	35.05	6.33	<1	<1	21	2.5	23.5	<1	2.4	NS	180	NS
	18-Jan-17	41.38	34.68	6.70	2.2	<1	33	6.5	41.7	<1	1.2	NS	180	NS
	20-Apr-17	41.38	34.18	7.20	1.9	<1	40	3.8	45.7	<1	1.2	NS	200	NS
	19-Jul-17	41.38	34.33	7.05	1.5	<1	38	3.7	43.2	<1	5.3	NS	240	NS

NS - Not Sampled

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-15	5-Jun-12	35.01	27.73	7.28	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	35.01	26.70	8.31	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	1-Oct-12	35.01	26.79	8.22	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Nov-12	35.01	26.82	8.19	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Dec-12	35.01	26.63	8.38	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	35.01	26.35	8.66	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	6-May-13	35.01	26.20	8.81	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	35.01	26.14	8.87	<1	<1	<1	<2	<2	<1	1.5	<0.1	<1	NS
	17-Jun-13	35.01	26.70	8.31	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-13	35.01	27.97	7.04	NS	NS	NS	NS	NS	NS	0.11	NS	NS	NS
	21-Aug-13	35.01	28.22	6.79	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Sep-13	35.01	28.45	6.56	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Oct-13	35.01	28.28	6.73	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Nov-13	35.01	28.27	6.74	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Dec-13	35.01	28.42	6.59	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	30-Jan-14	35.01	28.78	6.23	<1	<1	<1	<2	<2	<1	0.2	NS	67	NS
	24-Feb-14	35.01	28.50	6.51	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Mar-14	35.01	28.21	6.80	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Apr-14	35.01	27.83	7.18	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-May-14	35.01	27.56	7.45	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jun-14	35.01	26.32	8.69	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	14-Aug-14	35.01	26.25	8.76	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	35.01	25.90	9.11	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	20-Nov-14	35.01	26.32	8.69	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	22-Jan-15	35.01	25.53	9.48	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	18-Feb-15	35.01	26.24	8.77	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	26-Mar-15	35.01	26.10	8.91	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Apr-15	35.01	25.97	9.04	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	35.01	25.87	9.14	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	29-Jul-15	35.01	25.78	9.23	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	35.01	25.57	9.44	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	35.01	26.55	8.46	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Oct-15	35.01	26.85	8.16	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Nov-15	35.01	26.96	8.05	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Dec-15	35.01	27.03	7.98	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-15	22-Feb-16	35.01	27.14	7.87	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	16-Mar-16	35.01	26.76	8.25	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Apr-16	-	-	-	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-May-16	35.01	26.27	8.74	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Jun-16	35.01	26.19	8.82	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Jul-16	35.01	26.19	8.82	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Aug-16	35.01	26.90	8.11	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Sep-16	35.01	27.10	7.91	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Oct-16	35.01	27.10	7.91	<1	<1	<1	<2	<2	<1	0.12	NS	<1	NS
	17-Nov-16	35.01	27.20	7.81	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	35.01	26.69	8.32	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.01	26.56	8.45	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.01	26.84	8.17	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-16	5-Jun-12	35.55	28.70	6.85	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	35.55	27.27	8.28	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	1-Oct-12	35.55	27.35	8.20	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Nov-12	35.55	27.40	8.15	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Dec-12	35.55	27.19	8.36	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	7-Jan-13	35.55	27.10	8.45	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Feb-13	35.55	26.95	8.60	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	35.55	26.92	8.63	<1	<1	<1	<2	<2	<1	0.18	<0.1	<1	NS
	8-Apr-13	35.55	26.84	8.71	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	6-May-13	35.55	26.77	8.78	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	35.55	26.71	8.84	<1	<1	<1	<2	<2	<1	0.13	<0.1	<1	NS
	17-Jun-13	35.55	27.48	8.07	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-13	35.55	28.99	6.56	NS	NS	NS	NS	NS	NS	0.21	NS	NS	NS
	21-Aug-13	35.55	29.27	6.28	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Sep-13	35.55	29.50	6.05	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Oct-13	35.55	29.17	6.38	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Nov-13	35.55	29.16	6.39	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Dec-13	35.55	29.37	6.18	NS	NS	NS	NS	NS	NS	0.19	NS	NS	NS
	30-Jan-14	35.55	29.62	5.93	<1	<1	<1	<2	<2	<1	0.24	NS	<1	NS
	24-Feb-14	35.55	29.35	6.20	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Mar-14	35.55	29.24	6.31	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Apr-14	35.55	28.79	6.76	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-May-14	35.55	28.53	7.02	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jun-14	35.55	27.03	8.52	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	23-Jul-14	35.55	26.47	9.08	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	14-Aug-14	35.55	27.07	8.48	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	35.55	26.63	8.92	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	20-Nov-14	35.55	27.40	8.15	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	17-Dec-14	35.55	27.40	8.15	<1	<1	<1	<2	<2	<1	0.10	<0.1	<2	NS
	22-Jan-15	35.55	26.24	9.31	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	18-Feb-15	35.55	27.18	8.37	<1	<1	<1	<2	<2	<1	0.10	<0.1	<1	NS
	25-Mar-15	35.55	27.02	8.53	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Apr-15	35.55	27.10	8.45	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	35.55	26.78	8.77	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Jun-15	35.55	26.61	8.94	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS

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MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-16	29-Jul-15	35.55	26.65	8.90	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	35.55	26.36	9.19	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	35.55	27.45	8.10	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Oct-15	35.55	27.79	7.76	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Nov-15	35.55	27.85	7.70	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Dec-15	35.55	27.93	7.62	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	5-Jan-16	35.55	27.71	7.84	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Feb-16	35.55	28.10	7.45	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	16-Mar-16	35.55	27.67	7.88	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Apr-16	35.55	27.47	8.08	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-May-16	35.55	26.97	8.58	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Jun-16	35.55	27.08	8.47	NS	NS	NS	NS	NS	NS	0.11	NS	NS	NS
	27-Jul-16	35.55	27.06	8.49	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Aug-16	35.55	27.86	7.69	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Sep-16	35.55	28.01	7.54	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	26-Oct-16	35.55	28.03	7.52	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Nov-16	35.55	28.14	7.41	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Dec-16	35.55	28.30	7.25	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	35.55	27.49	8.06	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.55	27.25	8.30	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.55	27.52	8.03	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-17	5-Jun-12	35.49	27.72	7.77	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	35.49	27.16	8.33	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	35.49	27.10	8.39	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	35.49	26.81	8.68	<1	<1	<1	<2	<2	<1	1.0	<0.1	<1	NS
	4-Jun-13	35.49	26.59	8.90	<1	<1	<1	<2	<2	1.1	<0.1	<0.1	<1	NS
	1-Feb-14	35.49	28.95	6.54	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	28-Apr-14	35.49	27.95	7.54	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Jul-14	35.49	26.23	9.26	<1	<1	<1	<2	<2	<1	0.13	NS	<1	NS
	14-Aug-14	35.49	26.51	8.98	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	35.49	28.22	7.27	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	20-Nov-14	35.49	26.87	8.62	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	22-Jan-15	35.49	25.91	9.58	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Apr-15	35.49	26.35	9.14	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	29-Jul-15	35.49	25.98	9.51	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Oct-15	35.49	27.03	8.46	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Apr-16	35.49	26.75	8.74	<1	<1	<1	<2	<2	<1	0.14	NS	<1	<1.4
	27-Jul-16	35.49	26.42	9.07	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jan-17	35.49	26.95	8.54	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.49	26.91	8.58	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.49	27.19	8.30	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-18	5-Jun-12	35.82	28.73	7.09	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	35.82	28.34	7.48	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	35.82	28.30	7.52	<1	<1	<1	<2	<2	<1	0.23	<0.1	<1	NS
	4-Mar-13	35.82	27.98	7.84	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	35.82	27.79	8.03	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jan-14	35.82	30.05	5.77	<1	<1	<1	<2	<2	<1	0.13	NS	<1	NS
	28-Apr-14	35.82	28.83	6.99	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Jul-14	35.82	27.34	8.48	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	14-Aug-14	35.82	27.56	8.26	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	35.82	27.36	8.46	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	23-Oct-14	35.82	27.83	7.99	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	20-Nov-14	35.82	27.91	7.91	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	21-Jan-15	35.82	27.01	8.81	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Apr-15	35.82	27.32	8.50	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-Jul-15	35.82	27.08	8.74	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	19-Oct-15	35.82	28.03	7.79	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Jan-16	35.82	27.98	7.84	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	21-Apr-16	35.82	27.65	8.17	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	27-Jul-16	35.82	27.39	8.43	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	26-Oct-16	35.82	28.16	7.66	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jan-17	35.82	27.87	7.95	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.82	27.88	7.94	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.82	28.13	7.69	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-19	5-Jun-12	38.85	32.60	6.25	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	38.85	29.91	8.94	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	1-Oct-12	38.85	30.00	8.85	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Nov-12	38.85	30.07	8.78	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Dec-12	38.85	29.89	8.96	<1	<1	<1	<2	<2	<1	0.86	<0.1	<1	NS
	7-Jan-13	38.85	29.82	9.03	<1	<1	<1	<2	<2	<1	<0.1	<0.1	5.1	NS
	5-Feb-13	38.85	29.67	9.18	<1	<1	<1	<2	<2	<1	0.17	<0.1	<1	NS
	4-Mar-13	38.85	29.65	9.20	<1	<1	<1	<2	<2	<1	0.13	<0.1	1	NS
	8-Apr-13	38.85	29.55	9.30	<1	<1	<1	<2	<2	<1	1.3	<0.1	<1	NS
	6-May-13	38.85	29.47	9.38	<1	<1	<1	<2	<2	<1	0.13	<0.1	<1	NS
	4-Jun-13	38.85	29.41	9.44	<1	<1	<1	<2	<2	<1	0.36	<0.1	<1	NS
	17-Jun-13	38.85	30.97	7.88	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-13	38.85	32.96	5.89	NS	NS	NS	NS	NS	NS	0.14	NS	NS	NS
	21-Aug-13	38.85	33.33	5.52	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Sep-13	38.85	33.51	5.34	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Oct-13	38.85	32.85	6.00	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Nov-13	38.85	32.99	5.86	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Dec-13	38.85	33.23	5.62	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	30-Jan-14	38.85	33.23	5.62	<1	<1	<1	<2	<2	<1	0.12	NS	<1	NS
	24-Feb-14	38.85	32.97	5.88	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Mar-14	38.85	33.06	5.79	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Apr-14	38.85	32.65	6.20	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-May-14	38.85	32.33	6.52	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jun-14	38.85	29.95	8.90	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	29-Jul-14	38.85	29.33	9.52	<1	<1	<1	<2	<2	<1	0.14	<0.1	<1	<1.4
	14-Aug-14	38.85	30.24	8.61	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	38.85	29.98	8.87	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	23-Oct-14	38.85	31.32	7.53	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	21-Nov-14	38.85	30.58	8.27	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	17-Dec-14	38.85	31.13	7.72	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Jan-15	38.85	29.66	9.19	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	19-Feb-15	38.85	30.98	7.87	<1	<1	<1	<2	<2	<1	0.10	<0.1	<1	NS
	26-Mar-15	38.85	30.75	8.10	<1	<1	<1	<2	<2	<1	0.10	<0.1	<1	NS
	23-Apr-15	38.85	30.90	7.95	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	38.85	30.46	8.39	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Jun-15	38.85	30.03	8.82	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-19	29-Jul-15	38.85	30.30	8.55	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	38.85	29.65	9.20	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	38.85	31.23	7.62	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Oct-15	38.85	31.54	7.31	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Nov-15	38.85	31.32	7.53	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Dec-15	38.85	31.62	7.23	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	5-Jan-16	38.85	31.33	7.52	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Feb-16	38.85	31.97	6.88	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	16-Mar-16	38.85	31.54	7.31	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Apr-16	38.85	31.29	7.56	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-May-16	38.85	30.21	8.64	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Jun-16	38.85	30.78	8.07	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Jul-16	-	-	-	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Aug-16	38.85	31.67	7.18	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Sep-16	38.85	31.75	7.10	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Oct-16	38.85	31.83	7.02	<1	<1	<1	<2	<2	<1	0.10	NS	<1	NS
	17-Nov-16	38.85	31.96	6.89	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Dec-16	38.85	32.05	6.80	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	38.85	31.27	7.58	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	38.85	30.64	8.21	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	38.85	30.85	8.00	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-20	5-Jun-12	38.72	32.63	6.09	<1	<1	<1	<2	<2	<1	1.3	NS	<1	NS
	27-Jul-12	38.72	30.11	8.61	<1	<1	<1	<2	<2	<1	1.9	NS	<1	NS
	5-Sep-12	38.72	29.74	8.98	<1	<1	<1	<2	<2	<1	1.8	NS	<1	NS
	1-Oct-12	38.72	29.84	8.88	<1	<1	<1	<2	<2	<1	4	<0.1	<1	NS
	5-Nov-12	38.72	29.92	8.80	<1	<1	<1	<2	<2	<1	2.5	<0.1	<1	NS
	4-Dec-12	38.72	29.72	9.00	<1	<1	<1	<2	<2	<1	1.9	<0.1	<1	NS
	7-Jan-13	38.72	29.68	9.04	<1	<1	<1	<2	<2	<1	0.68	<0.1	2.2	NS
	5-Feb-13	38.72	29.57	9.15	<1	<1	<1	<2	<2	<1	0.95	<0.1	<1	NS
	4-Mar-13	38.72	29.49	9.23	<1	<1	<1	<2	<2	<1	2.2	<0.1	<1	NS
	8-Apr-13	38.72	29.40	9.32	<1	<1	<1	<2	<2	<1	1	<0.1	<1	NS
	6-May-13	38.72	29.31	9.41	<1	<1	<1	<2	<2	<1	1.8	<0.1	<1	NS
	4-Jun-13	38.72	29.24	9.48	<1	<1	<1	<2	<2	<1	1.6	<0.1	<1	NS
	17-Jun-13	38.72	31.08	7.64	NS	NS	NS	NS	NS	NS	1.9	NS	NS	NS
	24-Jul-13	38.72	32.96	5.76	NS	NS	NS	NS	NS	NS	2.2	NS	NS	NS
	21-Aug-13	38.72	33.33	5.39	NS	NS	NS	NS	NS	NS	2	NS	NS	NS
	24-Sep-13	38.72	33.51	5.21	NS	NS	NS	NS	NS	NS	1.1	NS	NS	NS
	21-Oct-13	38.72	32.91	5.81	NS	NS	NS	NS	NS	NS	2.4	NS	NS	NS
	18-Nov-13	38.72	33.00	5.72	NS	NS	NS	NS	NS	NS	2.8	NS	NS	NS
	18-Dec-13	38.72	33.26	5.46	NS	NS	NS	NS	NS	NS	2.4	NS	NS	NS
	30-Jan-14	38.72	33.29	5.43	<1	<1	<1	<2	<2	<1	5.7	NS	<1	NS
	24-Feb-14	38.72	33.06	5.66	NS	NS	NS	NS	NS	NS	0.58	NS	NS	NS
	24-Mar-14	38.72	33.13	5.59	NS	NS	NS	NS	NS	NS	4.4	NS	NS	NS
	28-Apr-14	38.72	32.71	6.01	<1	<1	<1	<2	<2	<1	0.70	NS	<1	NS
	20-May-14	38.72	32.42	6.30	NS	NS	NS	NS	NS	NS	0.74	NS	NS	NS
	24-Jun-14	38.72	29.78	8.94	NS	NS	NS	NS	NS	NS	0.12	NS	NS	NS
	29-Jul-14	38.72	29.17	9.55	<1	<1	<1	<2	<2	<1	0.33	<0.1	<1	<1.4
	14-Aug-14	38.72	30.08	8.64	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	38.72	29.95	8.77	<1	<1	<1	<2	<2	<1	0.94	<0.1	<1	<1.4
	24-Oct-14	38.72	31.32	7.40	<1	<1	<1	<2	<2	<1	0.22	<0.1	<1	<1.4
	21-Nov-14	38.72	30.43	8.29	<1	<1	<1	<2	<2	<1	0.3	<0.1	<1	<1.4
	17-Dec-14	38.72	31.13	7.59	<1	<1	<1	<2	<2	<1	0.24	<0.1	<1	NS
	22-Jan-15	38.72	29.68	9.04	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	18-Feb-15	38.72	30.98	7.74	<1	<1	<1	<2	<2	<1	0.47	<0.1	<1	NS
	26-Mar-15	38.72	30.77	7.95	<1	<1	<1	<2	<2	<1	0.37	<0.1	<1	NS
	23-Apr-15	38.72	30.91	7.81	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	38.72	30.47	8.25	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-20	23-Jun-15	38.72	30.03	8.69	<1	<1	<1	<2	<2	<1	0.15	<0.1	<1	NS
	29-Jul-15	38.72	30.29	8.43	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	38.72	29.61	9.11	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	38.72	31.29	7.43	NS	NS	NS	NS	NS	NS	0.16	NS	NS	NS
	20-Oct-15	38.72	31.56	7.16	<1	<1	<1	<2	<2	<1	0.24	NS	<1	NS
	19-Nov-15	38.72	31.32	7.40	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Dec-15	38.72	31.65	7.07	NS	NS	NS	NS	NS	NS	0.16	NS	NS	NS
	5-Jan-16	38.72	31.29	7.43	<1	<1	<1	<2	<2	<1	0.23	NS	<1	NS
	22-Feb-16	38.72	32.08	6.64	NS	NS	NS	NS	NS	NS	1.2	NS	NS	NS
	16-Mar-16	38.72	31.62	7.10	NS	NS	NS	NS	NS	NS	1.8	NS	NS	NS
	21-Apr-16	38.72	31.33	7.39	<1	<1	<1	<2	<2	<1	7.0	NS	<1	142
	24-May-16	38.72	30.10	8.62	NS	NS	NS	NS	NS	NS	6.5	NS	NS	NS
	22-Jun-16	38.72	30.82	7.90	NS	NS	NS	NS	NS	NS	1.7	NS	NS	NS
	27-Jul-16	-	-	-	<10	<10	<10	<2.0	<10	<10	7.1	NS	<10	25.3
	24-Aug-16	38.72	31.69	7.03	NS	NS	NS	NS	NS	NS	5.5	NS	NS	10.5
	28-Sep-16	38.72	31.79	6.93	NS	NS	NS	NS	NS	NS	5.0	NS	NS	3.52
	27-Oct-16	38.72	31.86	6.86	<5	<5	<5	<10	<10	<5	5.0	NS	<5	2.59
	17-Nov-16	38.72	31.97	6.75	NS	NS	NS	NS	NS	NS	2.2	NS	NS	<1.4
	20-Dec-16	38.72	32.04	6.68	NS	NS	NS	NS	NS	NS	3.2	NS	NS	NS
	18-Jan-17	38.72	31.25	7.47	<1	<1	<1	<2	<2	<1	3.4	NS	<1	NS
	20-Apr-17	38.72	30.59	8.13	<1	<1	<1	<2	<2	<1	4.3	NS	<1	NS
	19-Jul-17	38.72	30.85	7.87	<1	<1	<1	<2	<2	<1	11	NS	<1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-21	5-Jun-12	38.55	31.26	7.29	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	38.55	29.61	8.94	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	38.55	29.56	8.99	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	38.55	29.33	9.22	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	38.55	29.09	9.46	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	1-Feb-14	38.55	31.22	7.33	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	28-Apr-14	38.55	31.63	6.92	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Jul-14	38.55	28.97	9.58	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Oct-14	38.55	30.37	8.18	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Jan-15	38.55	28.92	9.63	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Apr-15	38.55	29.92	8.63	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	29-Jul-15	38.55	29.41	9.14	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Oct-15	38.55	30.56	7.99	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Jan-16	38.55	30.42	8.13	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	21-Apr-16	38.55	30.28	8.27	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	27-Jul-16	38.55	29.83	8.72	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	27-Oct-16	38.55	30.88	7.67	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jan-17	38.55	30.37	8.18	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	38.55	29.95	8.60	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jul-17	38.55	30.19	8.36	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-22	5-Sep-12	45.75	35.84	9.91	<1	<1	<1	<2	<2	<1	41	NS	1.7	NS
	5-Dec-12	45.75	35.88	9.87	<1	<1	<1	<2	<2	<1	200	0.45	<1	NS
	4-Mar-13	47.04	36.95	10.09	<1	<1	<1	<2	<2	<1	4.5	0.26	1.3	NS
	4-Jun-13	47.04	36.77	10.27	<1	<1	<1	<2	<2	<1	44	<0.1	<1	NS
	30-Jan-14	47.04	44.14	2.90	<1	<1	<1	<2	<2	<1	0.16	NS	1.3	NS
	28-Apr-14	47.04	43.72	3.32	<1	<1	<1	<2	<2	<1	0.19	NS	<1	NS
	25-Jul-14	47.04	36.59	10.45	<1	<1	<1	<2	<2	<1	0.25	<0.1	1.1	<1.4
	15-Aug-14	47.04	37.54	9.50	<1	<1	<1	<2	<2	<1	0.41	<0.1	2.0	<1.4
	19-Sep-14	47.04	42.72	4.32	<1	<1	<1	<2	<2	<1	0.35	<0.1	2.0	<2.34
	24-Oct-14	47.04	43.68	3.36	<1	<1	<1	<2	<2	<1	<0.1	<0.1	2.4	<1.4
	21-Nov-14	47.04	36.15	10.89	<1	<1	<1	<2	<2	<1	0.62	<0.1	2.8	<1.4
	23-Jan-15	47.04	40.55	6.49	<1	<1	<1	<2	<2	<1	0.19	<0.1	3.1	NS
	24-Apr-15	47.04	39.91	7.13	<1	<1	<1	<2	<2	<1	0.21	<0.1	2.1	NS
	30-Jul-15	47.04	39.98	7.06	<1	<1	<1	<2	<2	<1	0.14	<0.1	2.3	NS
	21-Oct-15	47.04	39.91	7.13	<1	<1	<1	<2	<2	<1	0.13	NS	1.5	NS
	7-Jan-16	47.04	39.28	7.76	<1	<1	<1	<2	<2	<1	0.11	NS	<1	NS
	21-Apr-16	-	-	-	<1	<1	<1	<2	<2	<1	0.23	NS	1.3	NS
	28-Jul-16	47.04	41.68	5.36	<1	<1	<1	<2	<2	<1	0.25	NS	1.8	NS
	27-Oct-16	47.04	44.66	2.38	<1	<1	<1	<2	<2	<1	0.31	NS	1.4	NS
	19-Jan-17	47.04	45.63	1.41	<1	<1	<1	<2	<2	<1	<0.1	NS	1.1	NS
	20-Apr-17	47.04	42.56	4.48	<1	<1	<1	<2	<2	<1	0.13	NS	1.5	NS
	19-Jul-17	47.04	40.90	6.14	<1	<1	<1	<2	<2	<1	0.21	NS	<1	NS

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 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-23	5-Jun-12	35.95	28.98	6.97	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	35.95	28.55	7.40	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	35.95	28.40	7.55	<1	<1	<1	<2	<2	<1	11	<0.1	<1	NS
	4-Mar-13	35.95	28.10	7.85	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	35.95	27.92	8.03	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jan-14	35.95	30.23	5.72	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	28-Apr-14	35.95	29.10	6.85	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Jul-14	35.95	27.53	8.42	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	14-Aug-14	35.95	27.78	8.17	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	35.95	27.66	8.29	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	23-Oct-14	35.95	28.06	7.89	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	20-Nov-14	35.95	28.10	7.85	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	21-Jan-15	35.95	27.19	8.76	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Apr-15	35.95	27.60	8.35	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-Jul-15	35.95	27.32	8.63	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	19-Oct-15	35.95	28.28	7.67	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Jan-16	35.95	28.21	7.74	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	21-Apr-16	35.95	27.87	8.08	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	27-Jul-16	35.95	27.82	8.13	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	26-Oct-16	35.95	28.41	7.54	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jan-17	35.95	28.07	7.88	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.95	28.05	7.90	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.95	28.30	7.65	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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 100 Brown Street
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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-24	5-Jun-12	36.56	29.65	6.91	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	36.56	28.35	8.21	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	1-Oct-12	36.56	28.41	8.15	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Nov-12	36.56	28.48	8.08	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Dec-12	36.56	28.28	8.28	<1	<1	<1	<2	<2	<1	0.25	<0.1	<1	NS
	7-Jan-13	36.56	28.16	8.40	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Feb-13	36.56	28.03	8.53	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	36.56	27.99	8.57	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	8-Apr-13	36.56	27.91	8.65	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	6-May-13	36.56	27.86	8.70	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	36.56	27.80	8.76	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	17-Jun-13	36.56	28.48	8.08	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-13	36.56	29.96	6.60	NS	NS	NS	NS	NS	NS	0.11	NS	NS	NS
	21-Aug-13	36.56	30.24	6.32	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Sep-13	36.56	30.46	6.10	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Oct-13	36.56	30.14	6.42	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Nov-13	36.56	30.12	6.44	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Dec-13	36.56	30.30	6.26	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	30-Jan-14	36.56	30.57	5.99	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	24-Feb-14	36.56	30.29	6.27	NS	NS	NS	NS	NS	NS	0.17	NS	NS	NS
	24-Mar-14	36.56	30.19	6.37	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Apr-14	36.56	29.73	6.83	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-May-14	36.56	29.47	7.09	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jun-14	36.56	28.10	8.46	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	23-Jul-14	36.56	27.57	8.99	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	14-Aug-14	36.56	28.12	8.44	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	36.56	27.67	8.89	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	23-Oct-14	36.56	28.51	8.05	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	20-Nov-14	36.56	28.43	8.13	<1	<1	<1	<2	<2	<1	0.47	<0.1	<1	<1.4
	17-Dec-14	36.56	28.38	8.18	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	21-Jan-15	36.56	27.27	9.29	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	19-Feb-15	36.56	28.18	8.38	<1	<1	<1	<2	<2	<1	0.12	<0.1	<1	NS
	25-Mar-15	36.56	28.00	8.56	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Apr-15	36.56	28.10	8.46	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	36.56	27.28	9.28	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Jun-15	36.56	27.60	8.96	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-24	28-Jul-15	36.56	27.65	8.91	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	36.56	27.39	9.17	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	36.56	28.40	8.16	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	19-Oct-15	36.56	28.75	7.81	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Nov-15	36.56	28.80	7.76	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Dec-15	36.56	28.90	7.66	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	5-Jan-16	36.56	28.65	7.91	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Feb-16	36.56	28.98	7.58	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	16-Mar-16	36.56	28.64	7.92	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Apr-16	36.56	28.44	8.12	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-May-16	36.56	27.97	8.59	NS	NS	NS	NS	NS	NS	0.13	NS	NS	NS
	22-Jun-16	36.56	28.06	8.50	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Jul-16	36.56	28.06	8.50	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Aug-16	36.56	28.82	7.74	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Sep-16	36.56	28.97	7.59	NS	NS	NS	NS	NS	NS	0.15	NS	NS	NS
	26-Oct-16	36.56	28.99	7.57	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Nov-16	36.56	29.12	7.44	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Dec-16	36.56	29.24	7.32	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	36.56	28.53	8.03	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	36.56	28.28	8.28	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	36.56	28.54	8.02	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-25	5-Jun-12	36.10	28.76	7.34	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	36.10	28.18	7.92	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	36.10	28.08	8.02	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	36.10	27.78	8.32	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	36.10	27.57	8.53	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jan-14	36.10	30.04	6.06	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	28-Apr-14	36.10	28.94	7.16	<1	<1	<1	<2	<2	<1	0.33	NS	<1	NS
	23-Jul-14	36.10	27.20	8.90	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	14-Aug-14	36.10	27.54	8.56	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	36.10	27.23	8.87	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	23-Oct-14	36.10	27.95	8.15	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	21-Nov-14	36.10	27.88	8.22	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	21-Jan-15	36.10	26.90	9.20	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Apr-15	36.10	27.37	8.73	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	29-Jul-15	36.10	27.05	9.05	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	19-Oct-15	36.10	28.09	8.01	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Jan-16	36.10	28.03	8.07	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	21-Apr-16	36.10	27.73	8.37	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	27-Jul-16	36.10	27.40	8.70	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	26-Oct-16	36.10	28.28	7.82	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jan-17	36.10	27.90	8.20	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	36.10	27.84	8.26	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	36.10	28.09	8.01	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-28	5-Jun-12	35.90	28.28	7.62	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	35.90	28.20	7.70	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	35.90	28.02	7.88	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	35.90	27.73	8.17	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	35.90	27.52	8.38	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jan-14	35.90	29.64	6.26	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	28-Apr-14	35.90	28.32	7.58	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Jul-14	35.90	26.98	8.92	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	14-Aug-14	35.90	27.43	8.47	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	35.90	27.01	8.89	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	23-Oct-14	35.90	27.39	8.51	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	20-Nov-14	35.90	27.46	8.44	<1	<1	<1	<2	<2	<1	0.11	<0.1	<1	<1.4
	21-Jan-15	35.90	26.67	9.23	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Apr-15	35.90	26.85	9.05	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-Jul-15	35.90	26.65	9.25	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	19-Oct-15	35.90	27.57	8.33	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Jan-16	35.90	27.56	8.34	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	21-Apr-16	35.90	27.19	8.71	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	27-Jul-16	35.90	26.97	8.93	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	26-Oct-16	35.90	27.71	8.19	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jan-17	35.90	27.46	8.44	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.90	27.53	8.37	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.90	27.76	8.14	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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Table 1 - Groundwater Monitoring Wells - Historic Data Summary
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 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-29	5-Jun-12	35.15	28.18	6.97	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	35.15	28.16	6.99	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	35.15	27.96	7.19	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	35.15	27.68	7.47	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	35.15	27.46	7.69	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jan-14	35.15	29.57	5.58	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	28-Apr-14	35.15	28.20	6.95	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Jul-14	35.15	26.92	8.23	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	14-Aug-14	35.15	27.04	8.11	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	35.15	26.93	8.22	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<3.5
	23-Oct-14	35.15	27.29	7.86	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	20-Nov-14	35.15	27.35	7.80	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	21-Jan-15	35.15	26.59	8.56	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Apr-15	35.15	26.75	8.40	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-Jul-15	35.15	26.58	8.57	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	19-Oct-15	35.15	27.49	7.66	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Jan-16	35.15	27.43	7.72	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	21-Apr-16	35.15	27.06	8.09	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	27-Jul-16	35.15	26.86	8.29	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	26-Oct-16	35.15	27.58	7.57	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jan-17	35.15	27.33	7.82	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.15	27.41	7.74	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.15	27.64	7.51	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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 100 Brown Street
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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-31R	4-Dec-12	47.40	36.19	11.21	<1	<1	<1	<2	<2	<1	0.45	<0.1	<1	NS
	4-Mar-13	47.40	37.16	10.24	<1	<1	<1	<2	<2	1.1	<0.1	<0.1	<1	NS
	3-Jun-13	47.40	36.92	10.48	<1	<1	<1	<2	<2	4.1	<0.1	<0.1	<1	NS
	30-Jan-14	47.40	39.89	7.51	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	28-Apr-14	47.40	39.40	8.00	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Jul-14	47.40	36.74	10.66	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Oct-14	47.40	38.07	9.33	<1	<1	<1	<2	<2	1.3	<0.1	NS	<1	NS
	23-Jan-15	47.40	36.83	10.57	<1	<1	<1	<2	<2	1.8	0.68	<0.1	<1	NS
	24-Apr-15	47.40	37.56	9.84	<1	<1	<1	<2	<2	2.4	<0.1	<0.1	<1	NS
	30-Jul-15	47.40	37.05	10.35	<1	<1	<1	<2	<2	<1	0.25	<0.1	1.7	NS
	21-Oct-15	47.40	38.17	9.23	<1	<1	<1	<2	<2	2.4	<0.1	NS	<1	NS
	7-Jan-16	47.40	38.36	9.04	<1	<1	<1	<2	<2	1.1	<0.1	NS	<1	NS
	22-Apr-16	47.40	38.30	9.10	<1	<1	<1	<2	<2	1.5	<0.1	NS	<1	<1.4
	28-Jul-16	47.40	37.72	9.68	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	27-Oct-16	47.40	38.75	8.65	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jan-17	47.40	38.27	9.13	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	47.40	37.90	9.50	<1	<1	<1	<2	<2	1.2	<0.1	NS	<1	NS
	19-Jul-17	47.40	38.23	9.17	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-32	5-Jun-12	44.60	37.08	7.52	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	44.60	34.84	9.76	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	44.60	34.89	9.71	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	47.41	37.39	10.02	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	47.41	37.15	10.26	<1	<1	<1	<2	<2	1.1	<0.1	<0.1	<1	NS
	30-Jan-14	47.41	40.65	6.76	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	28-Apr-14	47.41	41.60	5.81	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Jul-14	47.41	37.02	10.39	<1	<1	<1	<2	<2	<1	0.13	NS	<1	NS
	23-Jan-15	47.41	37.45	9.96	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Apr-15	47.41	38.25	9.16	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jul-15	47.41	37.72	9.69	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	21-Oct-15	47.41	38.92	8.49	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	7-Jan-16	47.41	39.10	8.31	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Apr-16	47.41	39.14	8.27	<1	<1	<1	<2	<2	<1	0.12	NS	<1	1.51
	22-Jun-16	47.41	38.57	8.84	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	<1.4
	28-Jul-16	47.41	38.48	8.93	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jan-17	47.41	38.89	8.52	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	47.41	38.38	9.03	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jul-17	47.41	38.78	8.63	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-33	5-Jun-12	36.52	29.89	6.63	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	36.52	27.85	8.67	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	1-Oct-12	36.52	27.94	8.58	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Nov-12	36.52	27.99	8.53	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Dec-12	36.52	27.80	8.72	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	7-Jan-13	36.52	27.73	8.79	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Feb-13	36.52	27.56	8.96	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	36.52	27.54	8.98	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	8-Apr-13	36.52	27.46	9.06	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	36.52	27.32	9.20	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	17-Jun-13	36.52	28.47	8.05	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-13	36.52	30.24	6.28	NS	NS	NS	NS	NS	NS	0.31	NS	NS	NS
	21-Aug-13	36.52	30.55	5.97	NS	NS	NS	NS	NS	NS	0.25	NS	NS	NS
	24-Sep-13	36.52	30.76	5.76	NS	NS	NS	NS	NS	NS	0.17	NS	NS	NS
	21-Oct-13	36.52	30.28	6.24	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Nov-13	36.52	30.33	6.19	NS	NS	NS	NS	NS	NS	0.24	NS	NS	NS
	18-Dec-13	36.52	30.54	5.98	NS	NS	NS	NS	NS	NS	0.3	NS	NS	NS
	30-Jan-14	36.52	30.69	5.83	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Feb-14	36.52	30.41	6.11	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Mar-14	36.52	30.42	6.10	NS	NS	NS	NS	NS	NS	0.13	NS	NS	NS
	28-Apr-14	36.52	29.98	6.54	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-May-14	36.52	29.69	6.84	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jun-14	36.52	27.76	8.76	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	29-Jul-14	36.52	27.17	9.35	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	14-Aug-14	36.52	27.96	8.56	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	36.52	27.49	9.03	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	23-Oct-14	36.52	28.68	7.84	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	21-Nov-14	36.52	28.27	8.25	<1	<1	<1	<2	<2	<1	0.11	<0.1	<1	<1.4
	17-Dec-14	36.52	28.51	8.01	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Jan-15	36.52	27.13	9.39	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	18-Feb-15	36.52	28.32	8.20	<1	<1	<1	<2	<2	<1	0.13	<0.1	<1	NS
	26-Mar-15	36.52	28.10	8.42	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Apr-15	36.52	28.26	8.26	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	36.52	27.85	8.67	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Jun-15	36.52	27.54	8.98	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-33	29-Jul-15	36.52	27.70	8.82	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	36.52	27.26	9.26	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	36.52	28.60	7.92	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Oct-15	36.52	28.91	7.61	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Nov-15	36.52	28.92	7.60	<1	<1	<1	<2	<2	<1	0.35	NS	<1	NS
	17-Dec-15	36.52	29.03	7.49	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	5-Jan-16	36.52	28.71	7.81	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Feb-16	36.52	29.31	7.21	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	16-Mar-16	36.52	28.87	7.65	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Apr-16	36.52	28.60	7.92	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-May-16	36.52	27.88	8.64	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Jun-16	36.52	28.18	8.34	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Jul-16	36.52	28.15	8.37	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-Aug-16	36.52	29.01	7.51	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Sep-16	36.52	29.15	7.37	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Oct-16	36.52	29.38	7.14	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Nov-16	36.52	29.32	7.20	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Dec-16	36.52	29.40	7.12	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	36.52	28.67	7.85	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	36.52	28.16	8.36	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	36.52	28.42	8.10	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-34	5-Jun-12	36.64	29.99	6.65	<1	<1	<1	<2	<2	<1	0.14	NS	<1	NS
	27-Jul-12	36.64	28.32	8.32	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	36.64	27.99	8.65	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	1-Oct-12	36.64	28.08	8.56	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Nov-12	36.64	28.14	8.50	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Dec-12	36.64	27.95	8.69	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	7-Jan-13	36.64	27.86	8.78	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Feb-13	36.64	27.71	8.93	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	36.64	27.68	8.96	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	8-Apr-13	36.64	27.61	9.03	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	6-May-13	36.64	27.53	9.11	<1	<1	<1	<2	<2	<1	0.11	<0.1	<1	NS
	4-Jun-13	36.64	27.46	9.18	<1	<1	<1	<2	<2	<1	0.25	<0.1	<1	NS
	17-Jun-13	36.64	28.62	8.02	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-13	36.64	30.30	6.34	NS	NS	NS	NS	NS	NS	0.13	NS	NS	NS
	21-Aug-13	36.64	30.60	6.04	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Sep-13	36.64	30.81	5.83	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Oct-13	36.64	30.40	6.24	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Nov-13	36.64	30.42	6.22	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Dec-13	36.64	30.64	6.00	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	30-Jan-14	36.64	30.82	5.82	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Feb-14	36.64	30.55	6.09	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Mar-14	36.64	30.51	6.13	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Apr-14	36.64	30.05	6.59	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-May-14	36.64	29.81	6.83	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jun-14	36.64	27.90	8.74	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	29-Jul-14	36.64	27.33	9.31	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	14-Aug-14	36.64	28.06	8.58	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	36.64	27.76	8.88	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	23-Oct-14	36.64	28.76	7.88	<1	<1	<1	<2	<2	<1	0.11	<0.1	<1	<1.4
	21-Nov-14	36.64	28.41	8.23	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	17-Dec-14	36.64	28.66	7.98	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Jan-15	36.64	27.31	9.33	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	18-Feb-15	36.64	28.43	8.21	<1	<1	<1	<2	<2	<1	0.13	<0.1	<1	NS
	26-Mar-15	36.64	28.23	8.41	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Apr-15	36.64	28.38	8.26	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	36.64	27.97	8.67	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-34	23-Jun-15	36.64	27.67	8.97	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	29-Jul-15	36.64	27.85	8.79	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	36.64	27.39	9.25	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	36.64	28.70	7.94	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Oct-15	36.64	29.03	7.61	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Nov-15	36.64	29.11	7.53	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Dec-15	36.64	29.16	7.48	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	5-Jan-16	36.64	28.87	7.77	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Feb-16	36.64	29.44	7.20	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	16-Mar-16	36.64	28.98	7.66	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Apr-16	36.64	28.77	7.87	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-May-16	36.64	28.03	8.61	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Jun-16	36.64	28.31	8.33	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Jul-16	36.64	28.25	8.39	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-Aug-16	36.64	29.13	7.51	NS	NS	NS	NS	NS	NS	0.11	NS	NS	NS
	28-Sep-16	36.64	29.28	7.36	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Oct-16	36.64	29.32	7.32	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Nov-16	36.64	29.42	7.22	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Dec-16	36.64	29.43	7.21	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	36.64	28.76	7.88	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	36.64	28.31	8.33	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	36.64	28.57	8.07	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-35	5-Jun-12	38.62	31.79	6.83	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	38.62	29.63	8.99	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	1-Oct-12	38.62	29.70	8.92	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Nov-12	38.62	29.72	8.90	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Dec-12	38.62	29.60	9.02	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	7-Jan-13	38.62	29.55	9.07	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	5-Feb-13	38.62	29.38	9.24	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	38.62	29.33	9.29	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	8-Apr-13	38.62	29.28	9.34	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	6-May-13	38.62	29.22	9.40	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Jun-13	38.62	29.15	9.47	<1	<1	<1	<2	<2	<1	0.16	<0.1	<1	NS
	17-Jun-13	38.62	30.35	8.27	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-13	38.62	32.11	6.51	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Aug-13	38.62	32.42	6.20	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Sep-13	38.62	32.62	6.00	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Oct-13	38.62	32.23	6.39	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Nov-13	38.62	32.24	6.38	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Dec-13	38.62	32.48	6.14	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	30-Jan-14	38.62	32.61	6.01	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Feb-14	38.62	32.38	6.24	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Mar-14	38.62	32.35	6.27	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Apr-14	38.62	31.93	6.69	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-May-14	38.62	31.67	6.95	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jun-14	38.62	29.58	9.04	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	29-Jul-14	38.62	28.98	9.64	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	14-Aug-14	38.62	29.77	8.85	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	38.62	29.38	9.24	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<2.34
	24-Oct-14	38.62	30.57	8.05	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	21-Nov-14	38.62	30.11	8.51	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	17-Dec-14	38.62	30.45	8.17	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Jan-15	38.62	29.11	9.51	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	18-Feb-15	38.62	30.26	8.36	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	26-Mar-15	38.62	30.03	8.59	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Apr-15	38.62	30.15	8.47	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	38.62	29.75	8.87	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS

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MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-35	23-Jun-15	38.62	29.41	9.21	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	29-Jul-15	38.62	29.62	9.00	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	38.62	29.07	9.55	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	38.62	30.51	8.11	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Oct-15	38.62	30.81	7.81	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Nov-15	38.62	30.80	7.82	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Dec-15	38.62	30.98	7.64	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	5-Jan-16	38.62	30.70	7.92	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Feb-16	38.62	31.32	7.30	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	16-Mar-16	38.62	30.89	7.73	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Apr-16	38.62	30.62	8.00	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-May-16	38.62	29.80	8.82	NS	NS	NS	NS	NS	NS	0.10	NS	NS	NS
	22-Jun-16	38.62	30.15	8.47	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Jul-16	38.62	30.07	8.55	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-Aug-16	38.62	30.98	7.64	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Sep-16	38.62	31.11	7.51	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Oct-16	38.62	31.15	7.47	<1	<1	<1	<2	<2	<1	0.11	NS	<1	NS
	17-Nov-16	38.62	31.28	7.34	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Dec-16	38.62	31.34	7.28	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	38.62	30.57	8.05	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	38.62	30.07	8.55	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jul-17	38.62	30.37	8.25	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-37	5-Jun-12	50.54	41.64	8.90	<1	<1	<1	<2	<2	<1	22	NS	3.9	NS
	6-Sep-12	50.54	39.81	10.73	<1	2.9	1.7	<2	4.6	<1	100	NS	17	NS
	4-Dec-12	50.54	39.89	10.65	<1	<1	<1	<2	<2	<1	27	<0.1	6.1	NS
	4-Mar-13	50.54	39.70	10.84	<1	<1	<1	<2	<2	<1	67	0.47	7.4	NS
	4-Jun-13	50.54	39.45	11.09	<1	<1	<1	<2	<2	<1	12	<0.1	3.9	NS
	30-Jan-14	50.54	41.97	8.57	<1	<1	<1	<2	<2	<1	46	NS	2.1	NS
	28-Apr-14	50.54	41.79	8.75	<1	<1	<1	<2	<2	<1	8.8	NS	5.8	NS
	24-Jul-14	50.54	39.27	11.27	<1	<1	<1	<2	<2	<1	23	NS	5.3	NS
	24-Oct-14	50.54	40.56	9.98	<1	<1	<1	<2	<2	<1	0.13	NS	<1	NS
	23-Jan-15	50.54	39.41	11.13	<1	<1	<1	<2	<2	<1	28	<0.1	4.4	NS
	24-Apr-15	50.54	39.99	10.55	<1	<1	<1	<2	<2	<1	7.1	<0.1	1.4	NS
	30-Jul-15	50.54	39.50	11.04	<1	<1	<1	<2	<2	<1	0.35	<0.1	1.4	NS
	21-Sep-15	50.54	40.21	10.33	NS	NS	NS	NS	NS	NS	2.3	NS	NS	NS
	5-Oct-15	50.54	40.35	10.19	NS	NS	NS	NS	NS	NS	1.3	NS	NS	NS
	19-Oct-15	50.54	40.52	10.02	<5	<5	<5	<10	<10	<5	0.76	NS	<5	NS
	7-Jan-16	50.54	40.85	9.69	<1	<1	<1	<2	<2	<1	5.2	NS	<1	NS
	23-Feb-16	50.54	41.18	9.36	NS	NS	NS	NS	NS	NS	1.4	NS	NS	NS
	22-Apr-16	50.54	40.58	9.96	<1	<1	<1	<2	<2	1.4	5.2	NS	<1	<1.4
	28-Jul-16	50.54	40.08	10.46	<1	<1	<1	<2	<2	<1	5.8	NS	1.7	NS
	27-Oct-16	50.54	41.17	9.37	<1	<1	<1	<2	<2	<1	1.4	NS	<1	NS
	19-Jan-17	50.54	40.81	9.73	<1	<1	2.3	<2	2.3	<1	0.96	NS	10	NS
	20-Apr-17	50.54	40.51	10.03	<1	<1	1.7	<2	1.7	<1	2.2	NS	11	NS
	19-Jul-17	50.54	40.75	9.79	<1	<1	<1	<2	<2	<1	1.7	NS	1.3	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-40	6-Jun-12	46.85	39.96	6.89	<1	<1	<1	<2	<2	<1	12	NS	<1	NS
	6-Sep-12	46.85	36.79	10.06	<1	<1	<1	1.1e	1.1e	<1	26	NS	1.5	NS
	4-Dec-12	46.85	36.84	10.01	<1	<1	<1	1.2e	1.2e	<1	190	<0.1	2.1	NS
	4-Mar-13	48.98	38.66	10.32	<1	<1	<1	<2	<2	<1	21	<0.1	1.5	NS
	4-Jun-13	48.69	38.22	10.47	<1	<1	<1	1.9e	1.9e	<1	76	0.19	3.3	NS
	30-Jan-14	48.69	42.48	6.21	<1	<1	<1	<2	<2	<1	5.9	NS	<1	NS
	28-Apr-14	48.69	42.00	6.69	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	29-Jul-14	48.69	38.11	10.58	<1	<1	<1	<2	<2	<1	15	<0.1	<1	<1.4
	15-Aug-14	48.69	38.99	9.70	<100	<100	<100	<200	<200	<100	9.1	<0.1	<100	28.3
	19-Sep-14	48.88	39.61	9.27	<1	<1	<1	<2	<2	<1	3.6	<0.1	1.7	2.38
	24-Oct-14	48.88	40.80	8.08	<1	<1	<1	<2	<2	<1	7.6	<0.1	2.5	<1.4
	19-Nov-14	48.88	39.78	9.10	<1	<1	<1	<2	<2	<1	2.1	<0.1	<1	<1.4
	23-Jan-15	48.88	39.13	9.75	<1	<1	<1	<2	<2	<1	6.5	<0.1	<1	NS
	23-Apr-15	48.88	40.08	8.80	<1	<1	<1	<2	<2	<1	1.9	<0.1	<1	NS
	30-Jul-15	48.88	39.61	9.27	<1	<1	<1	<2	<2	<1	0.47	<0.1	<1	NS
	21-Oct-15	48.88	40.82	8.06	<1	<1	<1	<2	<2	<1	2.2	NS	<1	NS
	7-Jan-16	48.88	41.20	7.68	<1	<1	<1	<2	<2	<1	0.69	NS	<1	NS
	23-Feb-16	48.88	42.28	6.60	NS	NS	NS	NS	NS	NS	0.25	NS	NS	NS
	22-Apr-16	48.88	41.42	7.46	<1	<1	<1	<2	<2	<1	0.61	NS	<1	<1.4
	28-Jul-16	48.88	40.53	8.35	<1	<1	<1	1.1	1.1	<1	0.88	NS	2.5	NS
	27-Oct-16	48.88	41.67	7.21	<1	<1	<1	<2	<2	<1	0.18	NS	<1	NS
	19-Jan-17	48.88	40.96	7.92	<1	<1	<1	<2	<2	<1	0.16	NS	<1	NS
	20-Apr-17	48.88	40.15	8.73	<1	<1	<1	<2	<2	<1	0.43	NS	<1	NS
	19-Jul-17	48.88	40.86	8.02	<1	<1	<1	<2	<2	<1	0.30	NS	3.1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-41	6-Jun-12	42.92	36.62	6.30	<1	<1	3.4	12	15.4	<1	92	NS	46	NS
	6-Sep-12	42.92	33.31	9.61	<1	<1	1.2	5.1	7.2	<1	23	NS	24	NS
	4-Dec-12	42.92	33.29	9.63	<1	<1	9	20	29	<1	190	1.7	82	NS
	4-Mar-13	42.92	33.06	9.86	<1	<1	2.5	5.6	8.1	<1	63	0.15	23	NS
	4-Jun-13	42.92	32.81	10.11	<1	<1	1.7	6.9	8.6	<1	410	0.35	14	NS
	30-Jan-14	42.92	37.41	5.51	<1	<1	3.6	6.2	<2	<1	76	NS	30	NS
	28-Apr-14	42.92	37.18	5.74	<1	<1	<1	<2	<2	<1	0.53	NS	5.2	NS
	29-Jul-14	42.92	32.85	10.07	<1	<1	<1	<2	<2	<1	9.5	<0.1	5.7	2.8
	15-Aug-14	42.92	34.00	8.92	<100	<100	<100	<200	<200	<100	28	0.12	<100	36.2
	19-Sep-14	43.15	34.84	8.31	<1	<1	<1	1.3	1.3	<1	3.9	<0.1	11	9.56
	24-Oct-14	43.15	36.03	7.12	<1	<1	<1	<2	<2	<1	1.6	<0.1	<1	<1.4
	19-Nov-14	43.15	34.60	8.55	<1	<1	<1	<2	<2	<1	3.1	<0.1	4	2.77
	23-Jan-15	43.15	34.47	8.68	<1	<1	<1	<2	<2	<1	2.2	<0.1	1.8	NS
	23-Apr-15	43.15	35.57	7.58	<1	<1	<1	<2	<2	<1	3.7	<0.1	<1	NS
	30-Jul-15	43.15	34.87	8.28	<1	<1	<1	<2	<2	<1	1.2	<0.1	2.9	NS
	21-Oct-15	43.15	36.20	6.95	<1	<1	<1	<2	<2	<1	1.9	NS	<1	NS
	5-Jan-16	43.15	35.76	7.39	<1	<1	<1	<2	<2	<1	3.7	NS	5.4	NS
	23-Feb-16	43.15	36.94	6.21	NS	NS	NS	NS	NS	NS	0.98	NS	NS	NS
	22-Apr-16	43.15	36.96	6.19	<1	<1	1.6	<2	1.6	<1	3.6	NS	13	44.4
	25-May-16	43.15	33.97	9.18	NS	NS	NS	NS	NS	NS	4.8	NS	NS	7.80
	28-Jul-16	43.15	35.49	7.66	<1	<1	9.4	<2	9.4	<1	7.9	NS	110	3.71
	28-Sep-16	43.15	36.37	6.78	NS	NS	NS	NS	NS	NS	3.0	NS	NS	<1.4
	27-Oct-16	43.15	36.65	6.50	<10	<10	<10	<20	<20	<10	5.3	NS	67	NS
	18-Jan-17	43.15	36.06	7.09	<1	<1	4.1	<2	4.1	<1	2.7	NS	41	NS
	20-Apr-17	43.15	35.11	8.04	<1	<1	2.6	<2	2.6	<1	5.0	NS	50	NS
	19-Jul-17	43.15	35.18	7.97	<1	<1	1.2	<2	1.2	<1	6.3	NS	45	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-42	6-Jun-12	47.04	40.48	6.56	<1	<1	1.2	<2	1.2e	<1	110	NS	16	NS
	6-Sep-12	47.04	37.06	9.98	<1	<1	<1	<2	<2	<1	98	NS	6.5	NS
	4-Dec-12	46.15	36.17	9.98	<1	<1	<1	<2	<2	<1	160	<0.1	2.6	NS
	4-Mar-13	46.15	36.00	10.15	<1	<1	<1	<2	<2	<1	87	<0.1	2.8	NS
	4-Jun-13	46.15	35.72	10.43	<1	<1	<1	<2	<2	<1	55	<0.1	6.1	NS
	30-Jan-14	46.15	39.32	6.83	<1	<1	<1	<2	<2	<1	0.47	NS	1.3	NS
	28-Apr-14	46.15	39.43	6.72	<1	<1	<1	<2	<2	<1	0.30	NS	4.1	NS
	29-Jul-14	46.15	35.68	10.47	<1	<1	<1	<2	<2	<1	96	NS	2.3	<1.4
	15-Aug-14	46.15	36.67	9.48	<1	<1	<1	<2	<2	<1	9.1	<0.1	2.7	20.2
	19-Sep-14	47.11	37.83	9.28	<1	<1	<1	<2	<2	<1	1.0	<0.1	<1	4.8
	24-Oct-14	47.11	39.14	7.97	<1	<1	<1	<2	<2	<1	1.4	<0.1	<1	2.62
	20-Nov-14	47.11	37.81	9.30	<1	<1	<1	<2	<2	<1	1.2	<0.1	1.1	<1.4
	22-Jan-15	47.11	37.57	9.54	<1	<1	<1	<2	<2	<1	1.2	<0.1	<1	NS
	24-Apr-15	47.11	38.06	9.05	<1	<1	<1	<2	<2	<1	0.23	<0.1	<1	NS
	30-Jul-15	47.11	37.40	9.71	<1	<1	<1	<2	<2	<1	0.74	<0.1	1.1	NS
	21-Oct-15	47.11	38.81	8.30	<1	<1	<1	<2	<2	<1	0.23	NS	<1	NS
	5-Jan-16	47.11	38.63	8.48	<1	<1	<1	<2	<2	<1	2.5	NS	1.3	NS
	23-Feb-16	47.11	39.81	7.30	NS	NS	NS	NS	NS	NS	1.7	NS	NS	NS
	22-Apr-16	47.11	39.02	8.09	<1	<1	<1	<2	<2	<1	4.2	NS	<1	14.4
	25-May-16	47.11	37.55	9.56	NS	NS	NS	NS	NS	NS	4.0	NS	NS	<1.4
	28-Jul-16	47.11	38.34	8.77	<1	<1	<1	<2	<2	<1	3.8	NS	<1	NS
	27-Oct-16	47.11	39.76	7.35	<1	<1	<1	<2	<2	<1	0.9	NS	<1	NS
	18-Jan-17	47.11	39.20	7.91	<1	<1	<1	<2	<2	<1	0.83	NS	2.2	NS
	20-Apr-17	47.11	38.47	8.64	<1	<1	<1	<2	<2	<1	0.87	NS	2.3	NS
	19-Jul-17	47.11	38.68	8.43	<1	<1	<1	<2	<2	<1	1.7	NS	2.1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-43	6-Jun-12	46.55	39.73	6.82	<1	<1	<1	<2	<2	<1	0.21	NS	<1	NS
	6-Sep-12	46.55	36.62	9.93	<1	<1	<1	<2	<2	<1	0.21	NS	<1	NS
	4-Dec-12	46.55	36.61	9.94	<1	<1	<1	<2	<2	<1	0.22	<0.1	<1	NS
	4-Mar-13	48.03	37.92	10.11	<1	<1	<1	<2	<2	<1	0.1	<0.1	<1	NS
	4-Jun-13	47.90	37.55	10.35	<1	<1	<1	<2	<2	<1	0.23	<0.1	1.4	NS
	30-Jan-14	47.90	41.75	6.15	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-Apr-14	47.90	41.50	6.40	<1	<1	<1	<2	<2	<1	<0.1	NS	1.5	NS
	29-Jul-14	47.90	37.44	10.46	<1	<1	<1	<2	<2	<1	14	<0.1	<1	<1.4
	15-Aug-14	47.90	38.28	9.62	<1	<1	<1	<2	<2	<1	0.23	<0.1	<1	<1.4
	19-Sep-14	47.90	39.09	8.81	<1	<1	<1	<2	<2	<1	0.21	<0.1	<1	<2.69
	24-Oct-14	47.90	40.24	7.66	<1	<1	<1	<2	<2	<1	0.32	<0.1	<1	<1.4
	19-Nov-14	47.90	38.68	9.22	<1	<1	<1	<2	<2	<1	0.33	<0.1	<1	<1.4
	22-Jan-15	47.90	38.70	9.20	<1	<1	<1	<2	<2	<1	2.2	<0.1	<1	NS
	24-Apr-15	47.90	39.36	8.54	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jul-15	47.90	38.91	8.99	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	21-Oct-15	47.90	40.07	7.83	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	7-Jan-16	47.90	40.18	7.72	<1	<1	<1	<2	<2	<1	0.67	NS	<1	NS
	23-Feb-16	47.90	41.54	6.36	NS	NS	NS	NS	NS	NS	0.56	NS	NS	NS
	22-Apr-16	47.90	40.71	7.19	<1	<1	<1	<2	<2	<1	8.2	NS	<1	7.96
	25-May-16	47.90	38.74	9.16	NS	NS	NS	NS	NS	NS	9.5	NS	NS	5.00
	28-Jul-16	47.90	39.78	8.12	<1	<1	<1	<2	<2	<1	9.2	NS	<1	5.27
	28-Sep-16	47.90	40.93	6.97	NS	NS	NS	NS	NS	NS	3.9	NS	NS	4.72
	27-Oct-16	47.90	41.00	6.90	<10	<10	<10	<20	<20	<10	4.5	NS	<10	3.46
	17-Nov-16	47.90	41.14	6.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.32
	20-Dec-16	47.90	41.02	6.88	NS	NS	NS	NS	NS	NS	5.1	NS	NS	2.44
	19-Jan-17	47.90	40.40	7.50	<1	<1	<1	<2	<2	<1	5.6	NS	1.1	3.79
	23-Feb-17	47.90	40.30	7.60	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.02
	22-Mar-17	47.90	40.57	7.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.60
	20-Apr-17	47.90	39.55	8.35	<1	<1	<1	<2	<2	<1	6.2	NS	<1	1.70
	24-May-17	47.90	40.86	7.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.55
	22-Jun-17	47.90	40.63	7.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.84
	19-Jul-17	47.90	39.95	7.95	<1	<1	1.8	<2	1.8	1.0	19	NS	13	<1.4

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
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 100 Brown Street
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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-44	5-Jun-12	46.66	38.80	7.86	<1	<1	<1	<2	<2	<1	0.46	NS	<1	NS
	5-Sep-12	46.66	36.77	9.89	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	46.66	36.79	9.87	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	4-Mar-13	47.46	37.26	10.20	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	3-Jun-13	47.20	36.90	10.30	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jan-14	47.20	40.20	7.00	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-Apr-14	47.20	39.74	7.46	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Jul-14	47.20	36.77	10.43	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Oct-14	47.20	38.35	8.85	<1	<1	<1	<2	<2	<1	0.11	NS	<1	NS
	23-Jan-15	47.20	36.79	10.41	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	24-Apr-15	47.20	37.56	9.64	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jul-15	47.20	37.32	9.88	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	21-Oct-15	47.20	38.42	8.78	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	7-Jan-16	47.20	38.60	8.60	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Apr-16	47.20	38.67	8.53	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	28-Jul-16	47.20	38.03	9.17	<1	<1	<1	<2	<2	<1	0.15	NS	<1	NS
	27-Oct-16	47.20	39.09	8.11	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jan-17	47.20	38.49	8.71	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	47.20	38.02	9.18	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jul-17	47.20	38.41	8.79	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-45	5-Jun-12	40.91	33.67	7.24	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	5-Sep-12	40.91	31.59	9.32	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	4-Dec-12	40.91	31.60	9.31	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	3-Jun-13	40.91	31.11	9.80	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jan-14	40.91	34.76	6.15	<1	<1	<1	<2	<2	<1	<0.1	NS	1.8	NS
	28-Apr-14	40.91	34.22	6.69	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	29-Jul-14	40.70	30.79	9.91	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	15-Aug-14	40.70	31.56	9.14	<1	<1	<1	<2	<2	<1	0.24	<0.1	<1	<1.4
	19-Sep-14	40.70	31.41	9.29	<1	<1	<1	<2	<2	<1	1.8	<0.1	<1	<1.4
	19-Nov-14	40.70	31.47	9.23	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	23-Jan-15	40.70	30.66	10.04	<1	<1	<1	<2	<2	<1	0.21	<0.1	<1	NS
	23-Apr-15	40.70	31.81	8.89	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jul-15	40.70	31.61	9.09	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	7-Jan-16	40.70	32.38	8.32	<1	<1	<1	<2	<2	<1	3.2	NS	<1	NS
	23-Feb-16	40.70	33.51	7.19	NS	NS	NS	NS	NS	NS	3.1	NS	NS	NS
	22-Apr-16	40.70	32.95	7.75	<1	<1	<1	<2	<2	<1	5.9	NS	<1	15.7
	25-May-16	40.70	31.68	9.02	NS	NS	NS	NS	NS	NS	8.2	NS	NS	35.5
	27-Jul-16	40.70	32.19	8.51	<10	<10	<10	<20	<20	<10	9.3	NS	<10	NS
	28-Sep-16	40.70	33.26	7.44	NS	NS	NS	NS	NS	NS	3.8	NS	NS	8.12
	27-Oct-16	40.70	33.27	7.43	<10	<10	<10	<20	<20	<10	5.4	NS	<10	7.84
	18-Jan-17	40.70	32.69	8.01	<1	<1	<1	<2	<2	<1	3.2	NS	<1	2.65
	23-Feb-17	40.70	32.82	7.88	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.16
	22-Mar-17	40.70	33.03	7.67	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.12
	20-Apr-17	40.70	32.12	8.58	<1	<1	<1	<2	<2	<1	5.2	NS	<1	3.16
	24-May-17	40.70	32.68	8.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.50
	22-Jun-17	40.70	32.95	7.75	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.08
	19-Jul-17	40.70	32.92	7.78	<1	<1	<1	<2	<2	<1	12	NS	<1	2.04

NS - Not Sampled

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-46	6-Jun-12	41.08	34.67	6.41	<1	<1	1.5	6.9	8.4	<1	<0.1	NS	28	NS
	6-Sep-12	41.08	31.78	9.30	<1	<1	1.5	12	13.5	<1	9.4	NS	28	NS
	4-Dec-12	41.08	31.42	9.66	<1	<1	<1	2.3	2.3	<1	170	<0.1	6.5	NS
	4-Mar-13	41.08	31.53	9.55	<1	<1	<1	3.6	3.6	<1	100	<0.1	6.5	NS
	4-Jun-13	41.08	31.30	9.78	<1	<1	<1	1.8	1.8e	<1	14	<0.1	3.4	NS
	30-Jan-14	41.08	36.20	4.88	<1	<1	<1	1.3	<2	<1	1.5	NS	3.3	NS
	28-Apr-14	41.08	35.58	5.50	<1	<1	1.0	4.6	5.6	<1	1.1	NS	7.2	NS
	29-Jul-14	40.89	31.04	9.85	<1	<1	<1	1.7	<2	<1	5.6	<0.1	9.0	<1.4
	15-Aug-14	40.89	32.14	8.75	<1	<1	<1	3.5	3.5	<1	29	0.13	16	<1.4
	19-Sep-14	40.89	32.41	8.48	<1	<1	<1	5.2	5.2	<1	36	0.14	21	<1.4
	19-Nov-14	40.89	32.56	8.33	<1	<1	<1	<2	<2	<1	28	0.2	34	<1.4
	23-Jan-15	40.89	32.23	8.66	<1	<1	<1	4.2	4.2	<1	18	0.27	17	NS
	24-Apr-15	40.89	33.40	7.49	<1	<1	1.2	5.0	6.0	<1	37	0.22	24	NS
	30-Jul-15	40.89	32.82	8.07	<1	<1	1.2	2.1	2.1	<1	15	0.16	31	NS
	7-Jan-16	40.89	34.08	6.81	<1	<1	<1	4.9	4.9	<1	1.6	NS	13	NS
	23-Feb-16	40.89	35.34	5.55	NS	NS	NS	NS	NS	NS	1.4	NS	NS	NS
	22-Apr-16	40.89	34.30	6.59	<1	<1	<1	1.5	1.5	<1	5.7	NS	3.7	23.4
	22-Jun-16	40.89	33.60	7.29	NS	NS	NS	NS	NS	NS	0.84	NS	NS	6.64
	27-Jul-16	40.89	33.45	7.44	<1	<1	<1	4.9	4.9	<1	6.2	NS	18	4.91
	24-Aug-16	40.89	34.39	6.50	NS	NS	NS	NS	NS	NS	8.8	NS	NS	<3.5
	27-Oct-16	40.89	34.42	6.47	<1	<1	<1	5.3	5.3	<1	4.9	NS	30	NS
	18-Jan-17	40.89	32.77	8.12	<1	<1	<1	5.9	5.9	<1	3.5	NS	28	NS
	20-Apr-17	40.89	32.88	8.01	<1	<1	<1	4.0	4.0	<1	5.9	NS	30	NS
	19-Jul-17	40.89	33.09	7.80	<1	<1	<1	2.1	2.1	<1	9.8	NS	25	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-47	6-Jun-12	40.74	34.59	6.15	<1	<1	<1	2.2	2.2	<1	99	NS	8.5	NS
	4-Dec-12	40.74	31.42	9.32	<1	<1	<1	<2	<2	<1	180	0.11	1.7	NS
	4-Mar-13	40.74	31.17	9.57	1.9	<1	17	78.3	97.2	<1	6500	14	180	NS
	29-Jul-14	40.74	30.92	9.82	2.3	<1	11	23.3	36.6	<1	530	1.2	110	<1.4
	15-Aug-14	40.74	31.95	8.79	3.7	<1	7.2	15.4	26.3	<1	260	0.43	74	<1.4
	19-Sep-14	40.74	33.10	7.64	3.6	<1	8.3	19.4	31.3	<1	210	0.39	76	<1.4
	19-Nov-14	40.74	32.21	8.53	6.5	<1	14	<2	20.5	<1	260	2.4	160	<1.4
	23-Jan-15	40.74	32.55	8.19	<5	<5	14	28	42.0	<5	98	15	130	NS
	24-Apr-15	40.74	33.51	7.23	4.2	<1	2.8	5.0	12.0	<1	21	0.22	29	NS
	30-Jul-15	40.74	33.04	7.70	3.1	<1	5.9	15.5	24.5	<1	220	0.87	86	NS
	21-Sep-15	40.74	34.18	6.56	NS	NS	NS	NS	NS	NS	1.8	NS	NS	NS
	5-Oct-15	40.74	34.27	6.47	NS	NS	NS	NS	NS	NS	1.3	NS	NS	NS
	19-Oct-15	40.74	34.42	6.32	<5	<5	5.6	13.0	18.6	<5	0.92	NS	53	NS
	5-Jan-16	40.74	34.06	6.68	<1	<1	<1	2.2	2.2	<1	1.9	NS	8.8	NS
	23-Feb-16	40.74	35.02	5.72	NS	NS	NS	NS	NS	NS	1.4	NS	NS	NS
	22-Apr-16	40.74	34.18	6.56	3.5	<1	2.4	2.4	7.9	<1	7.2	NS	6.9	9.19
	25-May-16	40.74	32.22	8.52	NS	NS	NS	NS	NS	NS	9.7	NS	NS	5.08
	28-Jul-16	40.74	33.58	7.16	8.7	<1	8.0	8.4	25.1	<1	12	NS	30	<3.5
	27-Oct-16	40.74	34.61	6.13	6.7	<1	10	9.5	26.2	<1	5.6	NS	30	NS
	18-Jan-17	40.74	34.03	6.71	11	<1	17	28.9	56.9	<1	4.7	NS	71	NS
	20-Apr-17	40.74	33.18	7.56	7.6	<1	14	17.8	39.4	<1	7.0	NS	56	NS
	19-Jul-17	40.74	33.28	7.46	6.6	<1	13	14.9	34.5	<1	23	NS	70	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-48	8-Apr-13	36.22	27.26	8.96	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	6-May-13	36.22	27.20	9.02	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	3-Jun-13	36.22	27.13	9.09	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	17-Jun-13	36.22	28.02	8.20	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-13	36.22	29.53	6.69	NS	NS	NS	NS	NS	NS	0.11	NS	NS	NS
	21-Aug-13	36.22	29.77	6.45	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Sep-13	36.22	30.00	6.22	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Oct-13	36.22	29.71	6.51	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Nov-13	36.22	29.68	6.54	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Dec-13	36.22	29.90	6.32	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	30-Jan-14	36.22	30.15	6.07	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Feb-14	36.22	29.91	6.31	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Mar-14	36.22	29.75	6.47	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Apr-14	36.22	29.34	6.88	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-May-14	36.22	29.07	7.15	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jun-14	36.22	28.46	7.76	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-14	36.22	26.87	9.35	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	14-Aug-14	36.22	27.48	8.74	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	36.22	27.11	9.11	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	20-Nov-14	36.22	27.76	8.46	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	17-Dec-14	36.22	27.89	8.33	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	25-Mar-15	36.22	27.51	8.71	<1	<1	<1	<2	<2	<1	0.15	<0.1	<1	NS
	24-Apr-15	36.22	28.62	7.60	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	36.22	27.28	8.94	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Jun-15	36.22	27.07	9.15	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jul-15	36.22	27.15	9.07	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	36.22	26.80	9.42	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	36.22	27.95	8.27	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Oct-15	36.22	28.31	7.91	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Nov-15	36.22	28.38	7.84	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Dec-15	36.22	28.45	7.77	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	16-Mar-16	36.22	28.24	7.98	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Apr-16	36.22	28.02	8.20	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-May-16	36.22	27.50	8.72	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Jun-16	36.22	27.59	8.63	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-48	27-Jul-16	36.22	27.98	8.24	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Aug-16	36.22	28.39	7.83	NS	NS	NS	NS	NS	NS	0.15	NS	NS	NS
	28-Sep-16	36.22	28.56	7.66	NS	NS	NS	NS	NS	NS	0.14	NS	NS	NS
	27-Oct-16	36.22	28.59	7.63	<1	<1	<1	<2	<2	<1	NS	NS	<1	NS
	17-Nov-16	36.22	28.69	7.53	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	36.22	28.08	8.14	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	36.22	27.77	8.45	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	36.22	27.94	8.28	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-49	8-Apr-13	35.49	26.80	8.69	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	6-May-13	35.49	26.75	8.74	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	3-Jun-13	35.49	26.68	8.81	<1	<1	<1	<2	<2	<1	0.32	<0.1	<1	NS
	17-Jun-13	35.49	27.37	8.12	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-13	35.49	28.72	6.77	NS	NS	NS	NS	NS	NS	0.11	NS	NS	NS
	21-Aug-13	35.49	28.98	6.51	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Sep-13	35.49	29.22	6.27	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Oct-13	35.49	28.97	6.52	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Nov-13	35.49	28.95	6.54	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Dec-13	35.49	29.15	6.34	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	30-Jan-14	35.49	29.48	6.01	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Feb-14	35.49	29.20	6.29	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Mar-14	35.49	28.97	6.52	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Apr-14	35.49	28.56	6.93	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-May-14	35.49	28.29	7.20	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jun-14	35.49	26.92	8.57	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-14	35.49	27.40	8.09	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	14-Aug-14	35.49	26.90	8.59	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	35.49	26.53	8.96	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	20-Nov-14	35.49	27.22	8.27	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	17-Dec-14	35.49	27.22	8.27	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Jan-15	35.49	26.19	9.30	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	26-Mar-15	35.49	26.82	8.67	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	24-Apr-15	35.49	26.92	8.57	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	35.49	26.60	8.89	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Jun-15	35.49	26.40	9.09	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jul-15	35.49	26.49	9.00	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	35.49	26.23	9.26	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	35.49	27.24	8.25	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Oct-15	35.49	27.57	7.92	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Nov-15	35.49	27.65	7.84	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Dec-15	35.49	27.75	7.74	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Feb-16	35.49	27.86	7.63	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	16-Mar-16	35.49	27.48	8.01	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Apr-16	35.49	27.27	8.22	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-May-16	35.49	26.88	8.61	NS	NS	NS	NS	NS	NS	0.10	NS	NS	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-49	22-Jun-16	35.49	26.90	8.59	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Jul-16	35.49	26.89	8.60	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Aug-16	35.49	27.61	7.88	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Sep-16	35.49	27.81	7.68	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Oct-16	35.49	27.82	7.67	<1	<1	<1	<2	<2	<1	0.12	NS	<1	NS
	17-Nov-16	35.49	27.93	7.56	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	35.49	27.39	8.10	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.49	27.17	8.32	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.49	27.42	8.07	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-50	8-Apr-13	35.64	26.86	8.78	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	6-May-13	35.64	26.81	8.83	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	3-Jun-13	35.64	26.74	8.90	<1	<1	<1	<2	<2	<1	0.35	<0.1	<1	NS
	17-Jun-13	35.64	27.57	8.07	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-13	35.64	29.07	6.57	NS	NS	NS	NS	NS	NS	0.14	NS	NS	NS
	21-Aug-13	35.64	29.33	6.31	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Sep-13	35.64	29.55	6.09	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	21-Oct-13	35.64	29.25	6.39	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Nov-13	35.64	29.25	6.39	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Dec-13	35.64	29.43	6.21	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	30-Jan-14	35.64	29.70	5.94	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Feb-14	35.64	29.43	6.21	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Mar-14	35.64	29.25	6.39	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Apr-14	35.64	28.87	6.77	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-May-14	35.64	28.59	7.05	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jun-14	35.64	27.04	8.60	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	24-Jul-14	35.64	26.51	9.13	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	14-Aug-14	35.64	27.07	8.57	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	19-Sep-14	35.64	26.69	8.95	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	24-Oct-14	35.64	27.62	8.02	<1	<1	<1	<2	<2	<1	0.58	<0.1	<1	<1.4
	21-Nov-14	35.64	27.39	8.25	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	<1.4
	17-Dec-14	35.64	27.46	8.18	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Jan-15	35.64	26.16	9.48	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	18-Feb-15	35.64	27.26	8.38	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	25-Mar-15	35.64	27.08	8.56	<1	<1	<1	<2	<2	<1	0.11	<0.1	<1	NS
	24-Apr-15	35.64	26.90	8.74	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	28-May-15	35.64	26.85	8.79	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	23-Jun-15	35.64	26.66	8.98	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	30-Jul-15	35.64	26.71	8.93	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	20-Aug-15	35.64	26.39	9.25	<1	<1	<1	<2	<2	<1	<0.1	<0.1	<1	NS
	22-Sep-15	35.64	27.50	8.14	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Oct-15	35.64	27.84	7.80	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Nov-15	35.64	27.92	7.72	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Dec-15	35.64	27.98	7.66	NS	NS	NS	NS	NS	NS	0.16	NS	NS	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-50	5-Jan-16	35.64	27.67	7.97	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	22-Feb-16	35.64	28.16	7.48	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	16-Mar-16	35.64	27.76	7.88	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	22-Apr-16	35.64	27.54	8.10	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-May-16	35.64	27.06	8.58	NS	NS	NS	NS	NS	NS	0.12	NS	NS	NS
	22-Jun-16	35.64	27.07	8.57	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Jul-16	35.64	27.14	8.50	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	24-Aug-16	35.64	27.93	7.71	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Sep-16	35.64	28.09	7.55	NS	NS	NS	NS	NS	NS	0.19	NS	NS	NS
	26-Oct-16	35.64	28.10	7.54	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	17-Nov-16	35.64	28.22	7.42	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Dec-16	35.64	28.34	7.30	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	35.64	27.81	7.83	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.64	27.34	8.30	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.64	27.59	8.05	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-51	28-Jul-16	60.55	50.05	10.50	<1	<1	<1	<2	<2	<1	3.0	NS	<1	<1.4
	24-Aug-16	60.55	50.95	9.60	NS	NS	NS	NS	NS	NS	6.9	NS	NS	NS
	28-Sep-16	60.55	50.81	9.74	NS	NS	NS	NS	NS	NS	1.9	NS	NS	NS
	27-Oct-16	60.55	51.00	9.55	<1	<1	<1	<2	<2	<1	2.4	NS	<1	NS
	17-Nov-16	60.55	51.19	9.36	NS	NS	NS	NS	NS	NS	1.2	NS	NS	NS
	20-Dec-16	60.55	51.30	9.25	NS	NS	NS	NS	NS	NS	1.3	NS	NS	NS
	19-Jan-17	60.55	50.73	9.82	<1	<1	<1	<2	<2	<1	1.6	NS	<1	NS
	20-Apr-17	60.55	50.56	9.99	<1	<1	<1	<2	<2	<1	3.1	NS	<1	NS
	19-Jul-17	60.55	50.80	9.75	<1	<1	<1	<2	<2	<1	5.1	NS	<1	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-52	28-Jul-16	47.25	39.05	8.20	<1	<1	<1	<2	<2	<1	1.5	NS	4.7	<1.4
	24-Aug-16	47.25	40.43	6.82	NS	NS	NS	NS	NS	NS	1.2	NS	NS	NS
	28-Sep-16	47.25	39.93	7.32	NS	NS	NS	NS	NS	NS	0.19	NS	NS	NS
	27-Oct-16	47.25	40.40	6.85	<1	<1	<1	<2	<2	<1	0.25	NS	3.3	NS
	17-Nov-16	47.25	40.57	6.68	NS	NS	NS	NS	NS	NS	0.15	NS	NS	NS
	20-Dec-16	47.25	40.54	6.71	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	19-Jan-17	47.25	39.87	7.38	<1	<1	<1	<2	<2	<1	<0.1	NS	1.0	NS
	20-Apr-17	47.25	39.13	8.12	<1	<1	<1	<2	<2	<1	0.17	NS	1.9	NS
	19-Jul-17	47.25	39.35	7.90	<1	<1	<1	<2	<2	<1	0.16	NS	<1	NS

NS - Not Sampled

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-53	28-Jul-16	47.69	40.13	7.56	<1	<1	1.9	<2.0	1.9	<1	4.1	NS	21	<1.4
	24-Aug-16	47.69	41.47	6.22	NS	NS	NS	NS	NS	NS	4.6	NS	NS	NS
	28-Sep-16	47.69	41.27	6.42	NS	NS	NS	NS	NS	NS	1.4	NS	NS	NS
	27-Oct-16	47.69	41.19	6.50	<1	<1	9.8	6.4	16.2	<1	1.6	NS	87	NS
	17-Nov-16	47.69	41.25	6.44	NS	NS	NS	NS	NS	NS	0.92	NS	NS	NS
	20-Dec-16	47.69	40.95	6.74	NS	NS	NS	NS	NS	NS	1.1	NS	NS	NS
	19-Jan-17	47.69	40.30	7.39	<1	<1	<1	<2	<2	<1	0.77	NS	8.8	NS
	20-Apr-17	47.69	39.49	8.20	<1	<1	<1	<2	<2	<1	1.0	NS	<1	NS
	19-Jul-17	47.69	40.37	7.32	<1	<1	5.1	<2	<2	<1	1.4	NS	51	NS

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Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-54	28-Jul-16	42.99	36.13	6.86	<1	<1	9.1	5.9	15	<1	6.1	NS	42	<1.4
	24-Aug-16	42.99	37.43	5.56	NS	NS	NS	NS	NS	NS	5.2	NS	NS	NS
	28-Sep-16	42.99	36.97	6.02	NS	NS	NS	NS	NS	NS	6.0	NS	NS	NS
	27-Oct-16	42.99	37.30	5.69	<1	<1	4.5	8.9	13.4	<1	2.0	NS	15	NS
	17-Nov-16	42.99	37.35	5.64	NS	NS	NS	NS	NS	NS	1.5	NS	NS	NS
	20-Dec-16	42.99	37.21	5.78	NS	NS	NS	NS	NS	NS	3.8	NS	NS	NS
	19-Jan-17	42.99	36.47	6.52	<1	<1	6.3	16.2	22.5	<1	2.2	NS	16	NS
	20-Apr-17	42.99	35.64	7.35	<1	<1	4.1	3	7.1	<1	1.7	NS	9.4	NS
	19-Jul-17	42.99	35.82	7.17	<1	<1	2.8	<2	2.8	<1	8.9	NS	9.4	NS

NS - Not Sampled

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-55	28-Jul-16	42.78	35.80	6.98	<1	<1	<1	<2	<2	<1	0.46	NS	1.9	<1.4
	24-Aug-16	42.78	35.88	6.90	NS	NS	NS	NS	NS	NS	0.16	NS	NS	NS
	28-Sep-16	42.78	35.85	6.93	NS	NS	NS	NS	NS	NS	0.31	NS	NS	NS
	27-Oct-16	42.78	35.88	6.90	<1	<1	<1	2.5	2.5	<1	0.29	NS	4.3	NS
	17-Nov-16	42.78	34.99	7.79	NS	NS	NS	NS	NS	NS	0.11	NS	NS	NS
	20-Dec-16	42.78	35.90	6.88	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	19-Jan-17	42.78	35.24	7.54	<1	<1	<1	<2	<2	<1	<0.1	NS	1.3	NS
	20-Apr-17	42.78	34.61	8.17	<1	<1	<1	<2	<2	<1	0.25	NS	1.3	NS
	19-Jul-17	42.78	35.05	7.73	<1	<1	<1	<2	<2	<1	0.38	NS	8.8	NS

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 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
MW-56	27-Jul-16	37.82	30.22	7.60	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	<1.4
	24-Aug-16	37.82	31.15	6.67	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	28-Sep-16	37.82	31.26	6.56	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	27-Oct-16	37.82	31.31	6.51	<1	<1	<1	<2	<2	<1	0.14	NS	<1	NS
	17-Nov-16	37.82	31.43	6.39	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	20-Dec-16	37.82	31.53	6.29	NS	NS	NS	NS	NS	NS	<0.1	NS	NS	NS
	18-Jan-17	37.82	30.73	7.09	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	37.82	30.12	7.70	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	19-Jul-17	37.82	30.36	7.46	<1	<1	<1	<2	<2	<1	<1	NS	<1	NS

NS - Not Sampled

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
S-01	26-Oct-16	34.90	27.93	6.97	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jan-17	34.90	27.62	7.28	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	34.90	27.63	7.27	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	34.90	27.87	7.03	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
S-02	26-Oct-16	35.01	27.87	7.14	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jan-17	35.01	27.59	7.42	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.01	27.65	7.36	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.01	27.88	7.13	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
S-03	26-Oct-16	35.09	27.73	7.36	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jan-17	35.09	27.51	7.58	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	35.09	27.64	7.45	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	18-Jul-17	35.09	27.83	7.26	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
RW-2D	4-Mar-13	40.54	30.95	9.59	<1	<1	<1	<2	<2	<1	100	<0.1	<1	NS
	4-Jun-13	40.54	30.72	9.82	<1	<1	<1	<2	<2	<1	23	<0.1	<1	NS
	30-Jan-14	40.54	43.23	-2.69	<1	<1	<1	<2	<2	<1	17	NS	<1	NS
	28-Apr-14	40.54	43.70	-3.16	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	25-Jul-14	40.54	29.66	10.88	<1	<1	<1	<2	<2	<1	0.33	NS	1.2	NS
	24-Oct-14	40.54	31.57	8.97	<1	<1	<1	<2	<2	<1	0.18	NS	3.6	NS
	23-Jan-15	40.54	40.58	-0.04	<1	<1	<1	<2	<2	<1	0.12	<0.1	2.8	NS
	24-Apr-15	40.54	40.90	-0.36	<1	<1	<1	<2	<2	<1	0.20	<0.1	2.1	NS
	30-Jul-15	40.54	40.41	0.13	<1	<1	<1	<2	<2	<1	<0.1	<0.1	2.2	NS
	21-Oct-15	40.54	40.82	-0.28	<1	<1	<1	<2	<2	<1	0.20	NS	2.4	NS
	7-Jan-16	40.54	40.75	-0.21	<1	<1	<1	<2	<2	<1	0.11	NS	2.6	NS
	21-Apr-16	40.54	40.91	-0.37	<1	<1	<1	<2	<2	<1	<0.1	NS	1.6	NS
	28-Jul-16	40.54	44.80	-4.26	<1	<1	<1	<2	<2	<1	0.14	NS	2.8	NS
	27-Oct-16	40.54	41.28	-0.74	<1	<1	<1	<2	<2	<1	0.11	NS	1.8	NS
	19-Jan-17	40.54	42.35	-1.81	<1	<1	<1	<2	<2	<1	<0.1	NS	1.9	NS
	20-Apr-17	40.54	41.78	-1.24	<1	<1	<1	<2	<2	<1	<0.1	NS	3.0	NS
	19-Jul-17	40.54	42.81	-2.27	<1	<1	<1	<2	<2	<1	0.19	NS	1.5	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
RW-3B	5-Sep-12	39.45	30.15	9.30	<1	<1	<1	<2	<2	<1	280	NS	4.1	NS
	5-Dec-12	39.45	31.14	8.31	<1	<1	9.7	29.6	39.3	<1	3000	0.66	120	NS
	4-Mar-13	39.45	29.94	9.53	<1	<1	7.6	26.9	34.5	<1	1100	24	110	NS
	30-Jan-14	39.45	40.72	-1.24	<1	<1	<1	<2	<2	<1	0.12	NS	<1	NS
	28-Apr-14	39.45	40.92	-1.45	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	25-Jul-14	39.45	29.49	9.96	<1	<1	<1	<2	<2	<1	0.22	NS	<1	NS
	24-Oct-14	39.45	42.19	-2.74	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	23-Jan-15	39.45	40.75	-1.30	<1	<1	<1	<2	<2	<1	0.18	<0.1	1.8	NS
	24-Apr-15	39.45	40.98	-1.53	<1	<1	<1	<2	<2	<1	0.17	<0.1	<1	NS
	30-Jul-15	39.45	41.02	-1.57	<1	<1	<1	<2	<2	<1	0.15	<0.1	<1	NS
	21-Oct-15	39.45	40.12	-0.67	<1	<1	<1	<2	<2	<1	0.15	NS	1.2	NS
	7-Jan-16	39.45	40.52	-1.07	<1	<1	<1	<2	<2	<1	0.14	NS	1.1	NS
	21-Apr-16	39.45	47.01	-7.56	<1	<1	<1	<2	<2	<1	0.19	NS	<1	NS
	28-Jul-16	39.45	40.58	-1.13	<1	<1	<1	<2	<2	<1	0.23	NS	<1	NS
	27-Oct-16	39.45	41.49	-2.04	<1	<1	<1	<2	<2	<1	0.16	NS	<1	NS
	19-Jan-17	39.45	41.86	-2.41	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	39.45	41.16	-1.71	<1	<1	<1	<2	<2	<1	0.10	NS	<1	NS
	19-Jul-17	39.45	42.92	-3.47	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

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 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
RW-4	5-Sep-12	45.69	35.65	10.04	<1	<1	<1	<2	<2	<1	4.7	NS	<1	NS
	5-Dec-12	45.69	35.68	10.01	<1	<1	<1	2	2	<1	3.5	<0.1	35	NS
	4-Mar-13	48.18	38.02	10.16	<1	<1	<1	<2	<2	<1	1.7	<0.1	<1	NS
	4-Jun-13	48.18	37.77	10.41	<1	<1	<1	<2	<2	<1	0.54	<0.1	<1	NS
	30-Jan-14	48.18	44.90	3.28	<1	<1	<1	<2	<2	<1	0.14	NS	1.1	NS
	28-Apr-14	NS	NS	NS	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	25-Jul-14	48.15	38.82	9.33	<1	<1	<1	<2	<2	<1	0.16	NS	1.0	NS
	24-Oct-14	48.15	42.65	5.50	<1	<1	<1	<2	<2	<1	<0.1	NS	1.6	NS
	23-Jan-15	48.15	41.08	7.07	<1	<1	<1	<2	<2	<1	0.16	<0.1	1.7	NS
	24-Apr-15	48.15	41.79	6.36	<1	<1	<1	<2	<2	<1	0.16	<0.1	1.2	NS
	30-Jul-15	48.15	41.25	6.90	<1	<1	<1	<2	<2	<1	<0.1	<0.1	1.9	NS
	21-Oct-15	48.15	43.33	4.82	<1	<1	<1	<2	<2	<1	<0.1	NS	1.9	NS
	7-Jan-16	48.15	47.62	0.53	<1	<1	<1	<2	<2	<1	0.14	NS	1.4	NS
	21-Apr-16	48.15	47.44	0.71	<1	<1	<1	<2	<2	<1	0.18	NS	1.3	NS
	28-Jul-16	48.15	44.85	3.30	<1	<1	<1	<2	<2	<1	0.38	NS	1.5	NS
	27-Oct-16	48.15	46.75	1.40	<1	<1	<1	<2	<2	<1	0.26	NS	1.2	NS
	19-Jan-17	48.15	43.53	4.62	<1	<1	<1	<2	<2	<1	0.21	NS	2.0	NS
	20-Apr-17	48.15	41.39	6.76	<1	<1	<1	<2	<2	<1	0.19	NS	1.8	NS
	19-Jul-17	48.15	48.30	-0.15	<1	<1	<1	<2	<2	<1	0.21	NS	<1	NS

NS - Not Sampled

Table 1 - Groundwater Monitoring Wells - Historic Data Summary
 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
RW-5	5-Sep-12	43.34	33.50	9.84	<1	<1	<1	<2	<2	<1	26	NS	<1	NS
	5-Dec-12	43.34	33.52	9.82	<1	<1	<1	<2	<2	<1	52a	1.5	1.6	NS
	4-Mar-13	43.34	33.30	10.04	<1	<1	<1	<2	<2	<1	9.9	<0.1	<1	NS
	4-Jun-13	43.34	33.05	10.29	<1	<1	<1	<2	<2	<1	40	<0.1	<1	NS
	30-Jan-14	43.34	41.75	1.59	<1	<1	<1	<2	<2	<1	0.17	NS	1	NS
	28-Apr-14	43.34	42.33	1.01	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	25-Jul-14	43.34	33.97	9.37	<1	<1	<1	<2	<2	<1	0.30	NS	<1	NS
	24-Oct-14	43.34	41.22	2.12	<1	<1	<1	<2	<2	<1	0.13	NS	<1	NS
	23-Jan-15	43.34	39.81	3.53	<1	<1	<1	<2	<2	<1	0.12	<0.1	1.1	NS
	24-Apr-15	43.34	38.91	4.43	<1	<1	<1	<2	<2	<1	0.20	<0.1	<1	NS
	30-Jul-15	43.34	39.91	3.43	<1	<1	<1	<2	<2	<1	0.18	<0.1	<1	NS
	21-Oct-15	43.34	41.21	2.13	<1	<1	<1	<2	<2	<1	0.13	NS	<1	NS
	7-Jan-16	43.34	40.79	2.55	<1	<1	<1	<2	<2	<1	0.11	NS	<1	NS
	21-Apr-16	43.34	42.43	0.91	<1	<1	<1	<2	<2	<1	0.21	NS	<1	NS
	28-Jul-16	43.34	42.41	0.93	<1	<1	<1	<2	<2	<1	0.24	NS	<1	NS
	27-Oct-16	43.34	42.92	0.42	<1	<1	<1	<2	<2	<1	0.23	NS	<1	NS
	19-Jan-17	43.34	42.54	0.80	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS
	20-Apr-17	43.34	41.13	2.21	<1	<1	<1	<2	<2	<1	0.21	NS	<1	NS
	19-Jul-17	43.34	41.15	2.19	<1	<1	<1	<2	<2	<1	0.20	NS	<1	NS

NS - Not Sampled

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 Chester River Hospital Center
 100 Brown Street
 Chestertown, MD 21620

Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					5	1,000	700	10,000	NA	20	0.047	0.047	0.65	NA
RW-6	5-Jun-12	47.22	47.48	-0.26	<1	<1	2.4	4.1	6.5	<1	16	NS	33	NS
	5-Sep-12	47.22	36.95	10.27	<1	<1	<1	<2	<2	<1	22	NS	<1	NS
	5-Dec-12	47.22	37.01	10.21	<1	<1	<1	<2	<2	<1	1.4	<0.1	<1	NS
	4-Mar-13	47.22	36.81	10.41	<1	<1	<1	<2	<2	<1	0.53	<0.1	1.1	NS
	4-Jun-13	47.22	36.55	10.67	<1	<1	<1	<2	<2	<1	0.65	<0.1	<1	NS
	28-Apr-14	47.22	46.78	0.44	<1	<1	<1	<2	<2	<1	<0.1	NS	1.3	NS
	25-Jul-14	47.22	36.57	10.65	<1	<1	<1	<2	<2	<1	0.19	NS	1.1	NS
	24-Oct-14	47.22	44.67	2.55	<1	<1	<1	<2	<2	<1	<0.1	NS	3.3	NS
	23-Jan-15	47.22	43.02	4.20	<1	<1	<1	<2	<2	<1	0.12	<0.1	2.0	NS
	24-Apr-15	47.22	43.35	3.87	<1	<1	<1	<2	<2	<1	<0.1	<0.1	1.1	NS
	30-Jul-15	47.22	42.20	5.02	<1	<1	<1	<2	<2	<1	0.12	<0.1	1.4	NS
	21-Oct-15	47.22	43.08	4.14	<1	<1	<1	<2	<2	<1	<0.1	NS	1.7	NS
	7-Jan-16	47.22	43.63	3.59	<1	<1	<1	<2	<2	<1	0.12	NS	1.7	NS
	21-Apr-16	47.22	41.54	5.68	<1	<1	<1	<2	<2	<1	<0.1	NS	1.1	NS
	28-Jul-16	47.22	39.74	7.48	<1	<1	<1	<2	<2	<1	0.14	NS	1.2	NS
	27-Oct-16	47.22	45.29	1.93	<1	<1	<1	<2	<2	<1	0.20	NS	1.2	NS
	19-Jan-17	47.22	44.31	2.91	<1	<1	<1	<2	<2	<1	<0.1	NS	1.4	NS
	20-Apr-17	47.22	43.59	3.63	<1	<1	<1	<2	<2	<1	0.12	NS	1.3	NS
	19-Jul-17	47.22	43.84	3.38	<1	<1	<1	<2	<2	<1	<0.1	NS	<1	NS

NS - Not Sampled

TABLE 2

Silica Gel Data Summary

Table 2 - Silica Gel Data Summary
 Chester River Hospital Center
 100 Brown Street

Sampling Event		Monitoring Wells													
Date	Analysis	MW-9	MW-10R	MW-11	MW-13	MW-14	MW-20	MW-37	MW-41	MW-43	MW-45	MW-46	MW-47	MW-51	MW-54
19-Jul-17	TPH-DRO (mg/L)	3.2	6.7	7.7	11	5.3	11	1.7	6.3	19	12	9.8	23	5.1	8.9
19-Jul-17	TPH-DRO (With Silica Gel) (mg/L)	0.89	<0.110	0.049	0.17	4.4	0.096	7.9	1.1	0.85	<0.099	0.95	3.9	1.2	16
19-Jul-17	Percent Reduction	72%	99%	99%	98%	17%	99%	-365%	83%	96%	99%	90%	83%	76%	-80%

APPENDIX A
EUROFINS LABORATORY ACCREDITATION



**DEPARTMENT OF THE ENVIRONMENT
WATER SUPPLY PROGRAM**

Certifies That

***Eurofins Lancaster Laboratories
Environmental LLC***

2425 New Holland Pike, Lancaster, PA 17601

Having duly met the requirements of the regulations governing Laboratory Certification and Standards of Performance in accordance with The Annotated Code of Maryland, is hereby approved as a


State Certified Water Quality Laboratory

*to perform the analyses indicated on the Annual Certified Parameter List,
which must accompany this certificate.*

MD Lab ID # _____ 100 _____

Date Issued _____ March 29, 2017 _____

Expiration Date _____ June 30, 2018 _____
(Not Transferable)



Administrator, Water Supply Program

This certification is subject to unannounced laboratory inspections

CONSPICUOUSLY DISPLAY IN THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST.

MDE01356



SDWA ANNUAL CERTIFIED PARAMETER LIST

Issue Date: March 29, 2017

Expiration Date: June 30, 2018

Eurofins Lancaster Laboratories Environmental, LLC
2425 New Holland Pike
Lancaster, PA 17601-5994

Duane Luckenbill
MD Lab # 100
EPA ID # PA00009

<i>ANALYTE</i>	<i>METHOD</i>	<i>STATUS</i>
1,1,1-Trichloroethane	EPA 524.2, Rev. 4.1	Certified
1,1,2-Trichloroethane	EPA 524.2, Rev. 4.1	Certified
1,1-Dichloroethylene	EPA 524.2, Rev. 4.1	Certified
1,2,4-Trichlorobenzene	EPA 524.2, Rev. 4.1	Certified
1,2-Dichlorobenzene	EPA 524.2, Rev. 4.1	Certified
1,2-Dichloroethane	EPA 524.2, Rev. 4.1	Certified
1,2-Dichloropropane	EPA 524.2, Rev. 4.1	Certified
1,4-Dichlorobenzene	EPA 524.2, Rev. 4.1	Certified
2,3,7,8-TCDD (Dioxin)	EPA 1613, October 1994	Certified
Alachlor	EPA 525.2, Rev. 2.0	Certified
Aldicarb	EPA 531.1, Rev. 3.1	Certified
Aldicarb Sulfone	EPA 531.1, Rev. 3.1	Certified
Aldicarb Sulfoxide	EPA 531.1, Rev. 3.1	Certified
Antimony	EPA 200.8, Rev. 5.4	Certified
Arsenic	EPA 200.8, Rev. 5.4	Certified
Atrazine	EPA 525.2, Rev. 2.0	Certified
Barium	EPA 200.7, Rev. 4.4	Certified
Barium	EPA 200.8, Rev. 5.4	Certified
Benzene	EPA 524.2, Rev. 4.1	Certified
Benzo(a)pyrene	EPA 525.2, Rev. 2.0	Certified
Beryllium	EPA 200.7, Rev. 4.4	Certified
Beryllium	EPA 200.8, Rev. 5.4	Certified
Bromodichloromethane	EPA 524.2, Rev. 4.1	Certified



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2425 New Holland Pike
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Duane Luckenbill
MD Lab # 100
EPA ID # PA00009

<i>ANALYTE</i>	<i>METHOD</i>	<i>STATUS</i>
Bromoform	EPA 524.2, Rev. 4.1	Certified
Cadmium	EPA 200.7, Rev. 4.4	Certified
Cadmium	EPA 200.8, Rev. 5.4	Certified
Carbofuran	EPA 531.1, Rev. 3.1	Certified
Carbon Tetrachloride	EPA 524.2, Rev. 4.1	Certified
Chlorobenzene	EPA 524.2, Rev. 4.1	Certified
Chlorodibromomethane	EPA 524.2, Rev. 4.1	Certified
Chloroform	EPA 524.2, Rev. 4.1	Certified
Chromium	EPA 200.7, Rev. 4.4	Certified
Chromium	EPA 200.8, Rev. 5.4	Certified
cis-1,2-Dichloroethene	EPA 524.2, Rev. 4.1	Certified
Copper	EPA 200.7, Rev. 4.4	Certified
Copper	EPA 200.8, Rev. 5.4	Certified
Cyanide	EPA 335.4, Rev. 1.0	Certified
Di(2-ethylhexyl)adipate	EPA 525.2, Rev. 2.0	Certified
Di(2-ethylhexyl)phthalate	EPA 525.2, Rev. 2.0	Certified
Dibromochloropropane (DBCP)	EPA 504.1, Rev. 1.1	Certified
Dichloromethane	EPA 524.2, Rev. 4.1	Certified
E. coli	SM 9223 Colilert, 20 th ed.	Certified
Endrin	EPA 525.2, Rev. 2.0	Certified
Ethylbenzene	EPA 524.2, Rev. 4.1	Certified
Ethylene Dibromide (EDB)	EPA 504.1, Rev. 1.1	Certified
Fluoride	EPA 300.0, Rev. 2.1	Certified



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Fluoride	SM 4500 F ⁻ C, 20 th ed.	Certified
Heptachlor	EPA 525.2, Rev. 2.0	Certified
Heptachlor Epoxide	EPA 525.2, Rev. 2.0	Certified
Heterotrophic Plate Count	SM 9215 B, 20 th ed.	Certified
Hexachlorobenzene	EPA 525.2, Rev. 2.0	Certified
Hexachlorocyclopentadiene	EPA 525.2, Rev. 2.0	Certified
Lead	EPA 200.8, Rev. 5.4	Certified
Lindane	EPA 525.2, Rev. 2.0	Certified
Mercury	EPA 245.1, Rev. 3.0	Certified
Methoxychlor	EPA 525.2, Rev. 2.0	Certified
Nitrate	EPA 300.0, Rev. 2.1	Certified
Nitrate	EPA 353.2, Rev. 2.0	Certified
Nitrite	EPA 300.0, Rev. 2.1	Certified
Nitrite	EPA 353.2, Rev. 2.0	Certified
Oxamyl (Vydate)	EPA 531.1, Rev. 3.1	Certified
Selenium	EPA 200.8, Rev. 5.4	Certified
Simazine	EPA 525.2, Rev. 2.0	Certified
Styrene	EPA 524.2, Rev. 4.1	Certified
Tetrachloroethylene	EPA 524.2, Rev. 4.1	Certified
Thallium	EPA 200.8, Rev. 5.4	Certified
Toluene	EPA 524.2, Rev. 4.1	Certified
Total Coliforms	SM 9223 Colilert, 20 th ed.	Certified
Total Trihalomethanes	EPA 524.2, Rev. 4.1	Certified



Maryland
Department of
the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

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trans-1,2-Dichloroethene	EPA 524.2, Rev. 4.1	Certified
Trichloroethylene	EPA 524.2, Rev. 4.1	Certified
Vinyl Chloride	EPA 524.2, Rev. 4.1	Certified
(total) Xylenes	EPA 524.2, Rev. 4.1	Certified
