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July 17, 2015

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

Subject: Chester River Hospital Center – 2015 Second Quarter Monitoring

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 first quarter monitoring report for period of April 1st through June 30th. Monitoring activities were performed in accordance with MDE's "Post Remedial Monitoring Modifications" letter dated September 5, 2012.

EBA has reviewed the site data collected by BrightFields, Inc. and laboratory results performed by Phase Separation Science Inc. (PSS). A summary of these activities are presented below.

- April Monthly Monitoring
  - Gauging of all monitoring and recovery wells.
  - Sampling of all monitoring and recovery wells for the presence of Total Petroleum Hydrocarbons - Diesel Range Organics/Gasoline Range Organics (TPH-DRO/GRO) using EPA Method 8015, Volatile Organic Compounds (VOCs), including oxygenates, using EPA Method 8260B.

- May Monthly Monitoring
  - Gauging of all monitoring and recovery wells.
  - Sampling of 11 targeted monitoring wells (MW-15, MW-16, MW-19, MW-20, MW-24, MW-33, MW-34, MW-35, MW48, MW-49, and MW-50) for the presence of Total Petroleum Hydrocarbons - Diesel Range Organics/Gasoline Range Organics (TPH-DRO/GRO) using EPA Method 8015, and Volatile Organic Compounds (VOCs), including oxygenates, using EPA Method 8260B.

- June Monthly Monitoring
    - Gauging of all monitoring and recovery wells.
    - Sampling of 11 targeted monitoring wells (MW-15, MW-16, MW-19, MW-20, MW-24, MW-33, MW-34, MW-35, MW48, MW-49, and MW-50) for the presence of Total Petroleum Hydrocarbons - Diesel Range Organics/Gasoline Range Organics (TPH-DRO/GRO) using EPA Method 8015, and Volatile Organic Compounds (VOCs), including oxygenates, using EPA Method 8260B. Note: MW-15 was inaccessible.

Based upon the field data collected and results of the laboratory analysis, we offer the following attachments for your review:

- Table 1 – Groundwater Monitoring Wells & Recovery Wells – Historic Data Summary
- Figure 1 – Water Table Contour Maps for April, May, and June
- Figure 2 – Water Quality Map of TPH-DRO & TPH-GRO for April, May, and June
- Figure 3 – Water Quality Maps of Benzene, Tolulene, Ethylbenzene, Xylenes, and Naphthalene for April, May, and June
- Appendix A – Laboratory Analytical Reports for April, May, and June
- Appendix B – Well Gauging & Field Reports for April, May, and June

Groundwater monitoring well data for all monitoring and recovery wells is included in **Table 1**. The table includes gauging and analytical data since June 2012.

Natural groundwater flow direction is towards the southeast and the Chester River. The water-table contour map, **Figure 1**, shows a depression in the upper parking lot (source area) created by groundwater recovery/containment system. The system has remained in service throughout the second quarter.

With respect to the eleven targeted monitoring wells, (MW-15, MW-16, MW-19, MW-20, MW-24, MW-33, MW-34, MW-35, MW48, MW-49, and MW-50) the results of laboratory analysis show detectable levels of TPH-DRO, the primary constituent of concern, was present at MW-20 during June's monthly monitoring event. The remaining ten targeted wells (MW-15, MW-16, MW-19, MW-24, MW-33, MW-34, MW-35, MW48, MW-49, and MW-50) were below laboratory detection limits during all three monthly monitoring events. Site maps showing concentrations of TPH-DRO is included in **Figure 2**.

With respect to the eleven targeted monitoring wells, the results of laboratory analysis for TPH-GRO, Benzene, Toluene, Ethylbenzene, Xylenes, and Naphthalene were below laboratory detection limits during all three monthly monitoring events. Site maps showing concentrations of TPH-GRO is included in **Figure 2**. Site maps showing concentrations of Benzene, Toluene, Ethylbenzene, Xylenes, and Naphthalene is included in **Figure 3**.

In reviewing all monitoring and recovery wells, the results of laboratory analysis shows detectable levels of TPH-DRO, TPH-GRO, Benzene, Ethylbenzene, Xylenes, and

Naphthalene are present at the site. The locations of monitoring wells with detectable levels of TPH-DRO, with the exception of MW-20, are north of Brown Street and within the area of hydraulic control imposed by the pump and treat system. MW-20 is located south of Brown Street but still within the area of hydraulic control imposed by the pump and treat system.

The locations of all monitoring wells with detectable levels of TPH-GRO, Benzene, Ethylbenzene, Xylenes, and Naphthalene are north of Brown Street and within the area of hydraulic control imposed by the pump and treat system. Furthermore, none of the detectable levels of Benzene, Ethylbenzene, and Xylenes exceeded MDE's Groundwater Cleanup Standard during any of the three monthly monitoring events.

Gauging of monitoring and recovery wells was performed on multiple occasions from April through June. Although sheen was detected on several occasions, none of the monitoring and recovery wells showed a measurable thickness (>0.01') of liquid phase hydrocarbons during gauging activities. Well gauging and field reports are included in **Appendix B**.

In reviewing the laboratory results and gauging data from the second quarter of 2015, the following generalizations can be made:

1) The groundwater recovery/containment system has maintained hydraulic control within the upper parking lot (source area) and portions of the lower parking lot.
2) The presence of TPH-DRO, TPH-GRO, and Naphthalene detected within monitoring wells are located within the limits of Chester River Hospital Center.
3) All of the detectable levels for Benzene, Ethylbenzene, and Xylenes were below MDE's Groundwater Cleanup Standard.
4) Ten of the eleven targeted monitoring wells sampled on a monthly basis were below laboratory detection limits for TPH-DRO.
5) All of the eleven targeted monitoring wells sampled on a monthly basis were below laboratory detection limits for TPH-GRO, BTEX, and Naphthalene.

All of the above findings are consistent with the historical results since June 2012. It is anticipated that implementation of the Proposed 2015 Action Plan will occur within the third quarter of 2015. Following the implementation, we anticipate a further reduction in the analytical concentrations leading towards case closure.

The next monitoring event is scheduled for July 2015. Should you have any questions regarding this report, do not hesitate to call upon me at 410-504-6112.

Sincerely,

EBA Engineering, Inc.

James P. Sines, CHMM
Project Manager

Amar Sokhey, P.E., F.ASCE
Associate

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 Forlini
Mr. Michael Powell, Esq. (Gordon-Fineblatt)

TABLE

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**	**NA**	**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**	<0.1	<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

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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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**	<01	<1	NS
	30-Jan-14	61.08	51.93	9.15	<1	<1	<1	<2	<2	<1	**36**	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

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**	**NA**	**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

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**	**NA**	**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	**0.20**	<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

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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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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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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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
	23-Jun-15	38.72	30.03	8.69	<1	<1	<1	<2	<2	<1	**0.15**	<0.1	<1	NS

NS - Not Sampled

EBA ENGINEERING

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**	**NA**	**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

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**	**NA**	**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

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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**	**NA**	**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

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Chester River Hospital Center
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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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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

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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**	**NA**	**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

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**	**NA**	**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

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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**	**NA**	**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

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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**	**NA**	**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**	**NA**	**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
	23-Jun-15	36.64	27.67	8.97	<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**	**NA**	**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
	23-Jun-15	38.62	29.41	9.21	<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**	**NA**	**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

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**	**NA**	**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

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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**	**NA**	**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

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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**	**NA**	**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

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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**	**NA**	**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

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**	**NA**	**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

NS - Not Sampled

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**	**NA**	**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

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**	**NA**	**NA**
MW-46	6-Jun-12	41.08	34.67	6.41	<1	<1	1.5	6.9	8.4	<1	**130**	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

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**	**NA**	**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

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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**	**NA**	**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

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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**	**NA**	**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

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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**	**NA**	**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

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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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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

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**	**NA**	**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

NS - Not Sampled

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

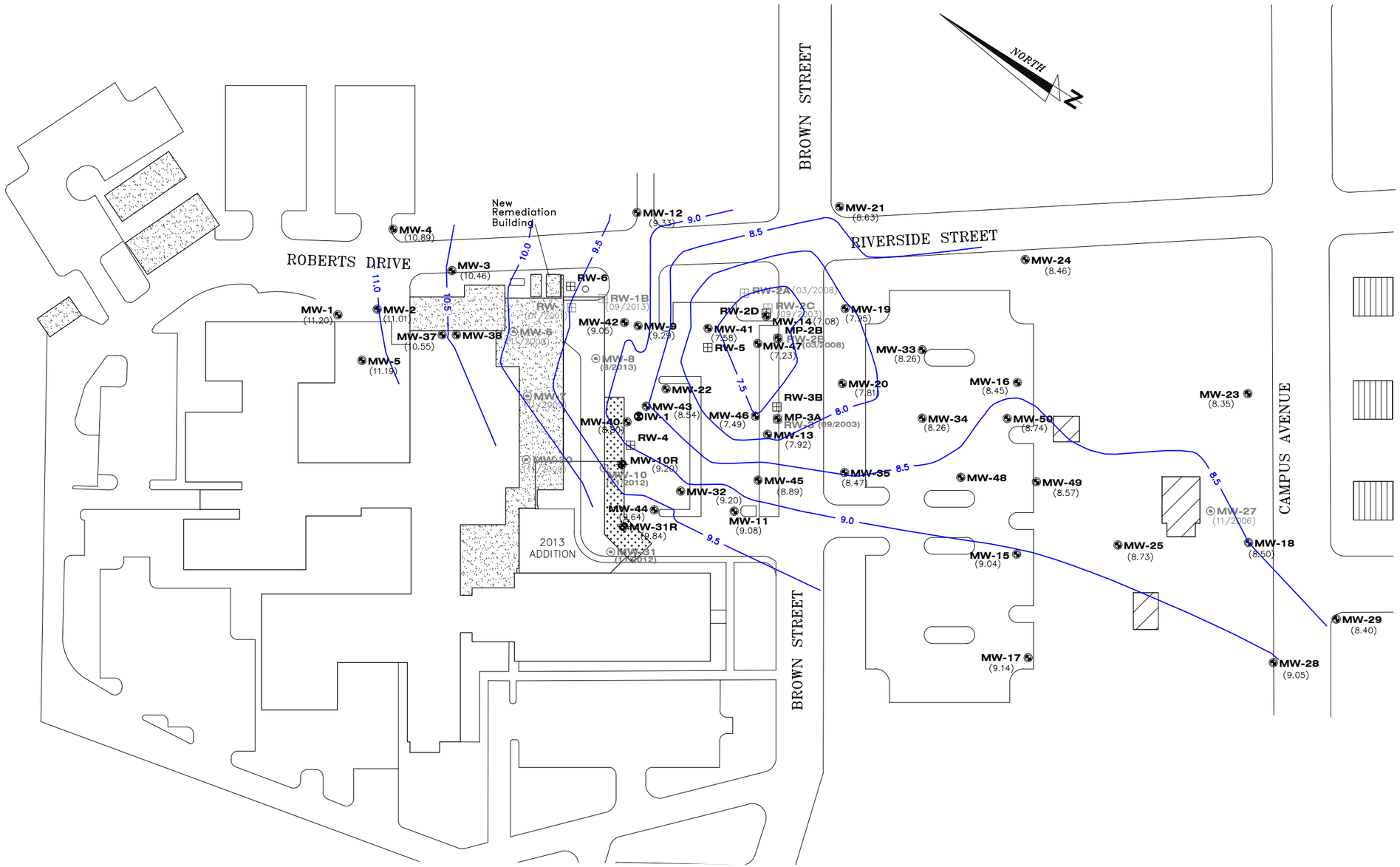
Well No.	Date	Top of Casing Elevation (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Naphthalene (µg/L)	Surfactant (mg/L)
MDE GW Cleanup Standards for Type I and II Aquifers					**5**	**1,000**	**700**	**10,000**	**NA**	**20**	**0.047**	**0.047**	**NA**	**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

NS - Not Sampled

FIGURES

FIGURE 1

Water Table Contour Maps – April, May, June



LEGEND

MW-40	MONITORING WELL
RW-3B	RECOVERY WELL
IW-1	INJECTION WELL
MW-30	ABANDONED MONITORING WELL
(09/2003)	DATE OF ABANDONMENT
RW-3	ABANDONED RECOVERY WELL
(09/2003)	DATE OF ABANDONMENT
—— 5.50 ——	WATER TABLE CONTOUR (FT. MSL)

EXCLUDES GAUGING DATA FROM ACTIVE RECOVERY WELLS (RW-2D, RW-3B, RW-4, RW-5, RW-6, MW-22)

80 0 40 80
GRAPHIC SCALE (FEET)

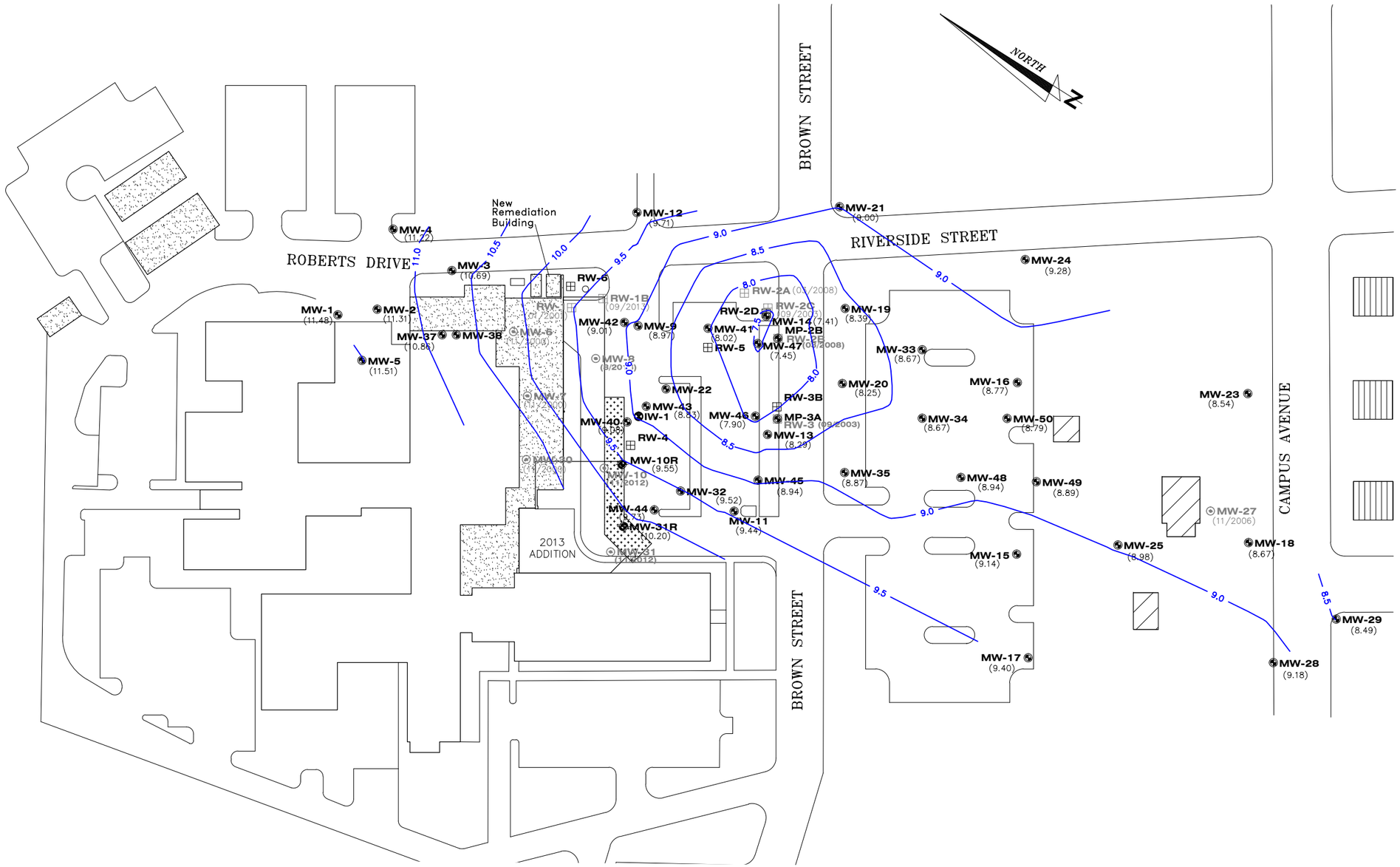
FIGURE 1
WATER TABLE CONTOUR MAP
FOR
CHESTER RIVER HOSPITAL CENTER
CHESTERTOWN, MARYLAND

PROJECT: 4070-00	SCALE: AS SHOWN
DRAWN BY: DK	DATE: 04/29/2015

EBA ENGINEERING, INC.
4813 SETON DRIVE
BALTIMORE, MD. 21215
Tel: (410) 358-7171 Fax: (410) 358-7213
www.ebaengineering.com

X:\DAN-WORK FOR OTHERS\JAMES\4070-00-00\2781-JAN 2014\2015\2781-APRIL.dwg

Figure 1 - Water table contour map April 22, 2015 - Chester River Hospital Center, Chestertown, Maryland.



LEGEND

MW-40	MONITORING WELL
RW-3B	RECOVERY WELL
IW-1	INJECTION WELL
MW-30	ABANDONED MONITORING WELL
(09/2003)	DATE OF ABANDONMENT
RW-3	ABANDONED RECOVERY WELL
(09/2003)	DATE OF ABANDONMENT
5.50	WATER TABLE CONTOUR (FT. MSL)

EXCLUDES GAUGING DATA FROM ACTIVE RECOVERY WELLS (RW-2D, RW-3B, RW-4, RW-5, RW-6, MW-22)

80 0 40 80
GRAPHIC SCALE (FEET)

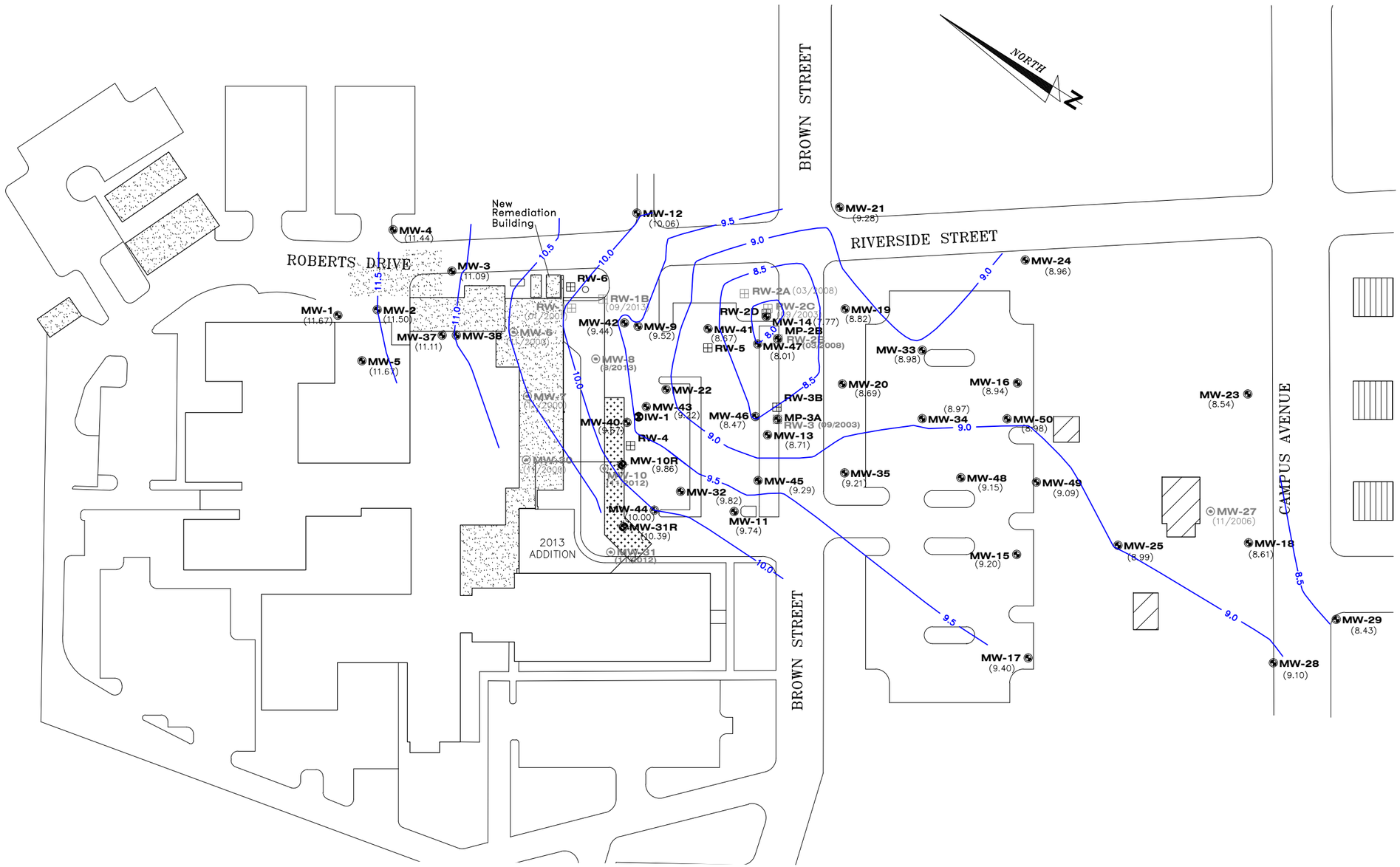
FIGURE 1
WATER TABLE CONTOUR MAP
FOR
CHESTER RIVER HOSPITAL CENTER
CHESTERTOWN, MARYLAND

PROJECT: 4070-00	SCALE: AS SHOWN
DRAWN BY: DK	DATE: 06/02/2015

EBA ENGINEERING, INC.
4813 SETON DRIVE
BALTIMORE, MD. 21215
Tel: (410) 358-7171 Fax: (410) 358-7213
www.ebaengineering.com

X:\DAN-WORK FOR OTHERS\JAMES\4070-00-00\2781-JAN 2014\2015\2781-MA□.dwg

Figure 1 - Water table contour map May 27, 2015 - Chester River Hospital Center, Chestertown, Maryland.



LEGEND

MW-40	MONITORING WELL
RW-3B	RECOVERY WELL
IW-1	INJECTION WELL
MW-30	ABANDONED MONITORING WELL
(09/2003)	DATE OF ABANDONMENT
RW-3	ABANDONED RECOVERY WELL
(09/2003)	DATE OF ABANDONMENT
5.50	WATER TABLE CONTOUR (FT. MSL)

EXCLUDES GAUGING DATA FROM ACTIVE RECOVERY WELLS (RW-2D, RW-3B, RW-4, RW-5, RW-6, MW-22)

80 0 40 80

GRAPHIC SCALE (FEET)

FIGURE 1

WATER TABLE CONTOUR MAP FOR

CHESTER RIVER HOSPITAL CENTER

CHESTERTOWN, MARYLAND

PROJECT:	SCALE:
4070-00	AS SHOWN
DRAWN BY:	DATE:
DK	07/06/2015

EBA ENGINEERING, INC.
4813 SETON DRIVE
BALTIMORE, MD. 21215
Tel: (410) 358-7171 Fax: (410) 358-7213
www.ebaengineering.com

X:\DAN-WORK FOR OTHERS\JAMES\4070-00-00\2781-JAN 2014\2015\2781-JUNE.dwg

Figure 1 – Water table contour map June 22, 2015 – Chester River Hospital Center, Chestertown, Maryland.

FIGURE 2

Water Quality Maps of TPH-DRO & TPH-GRO - April, May, June

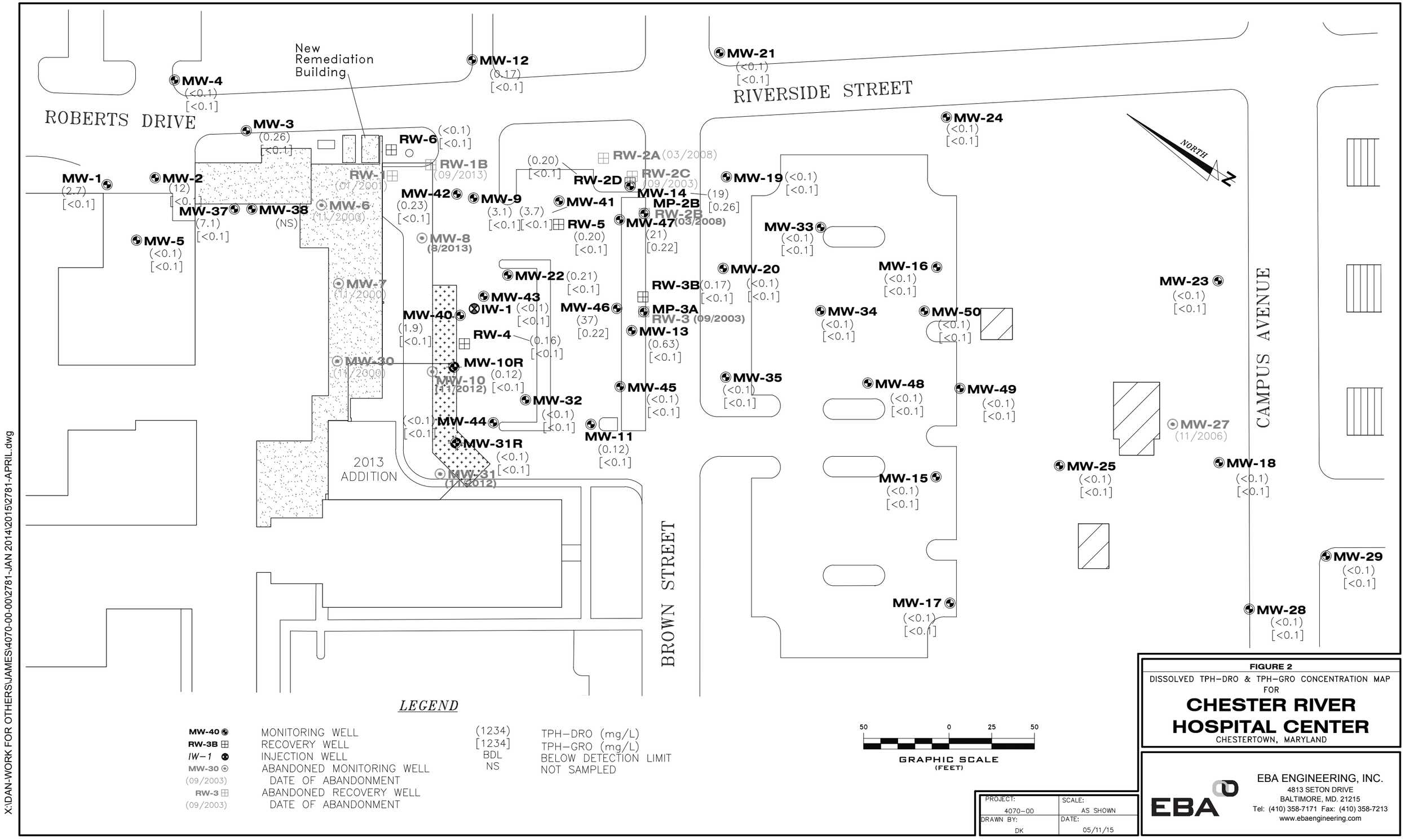


FIGURE 2
DISSOLVED TPH-DRO & TPH-GRO CONCENTRATION MAP FOR
CHESTER RIVER HOSPITAL CENTER
CHESTERTOWN, MARYLAND

Figure 2- Site map showing total petroleum hydrocarbon (TPH) concentrations, April 23-24, 2015 Chester River Hospital Center, Chestertown, Maryland.

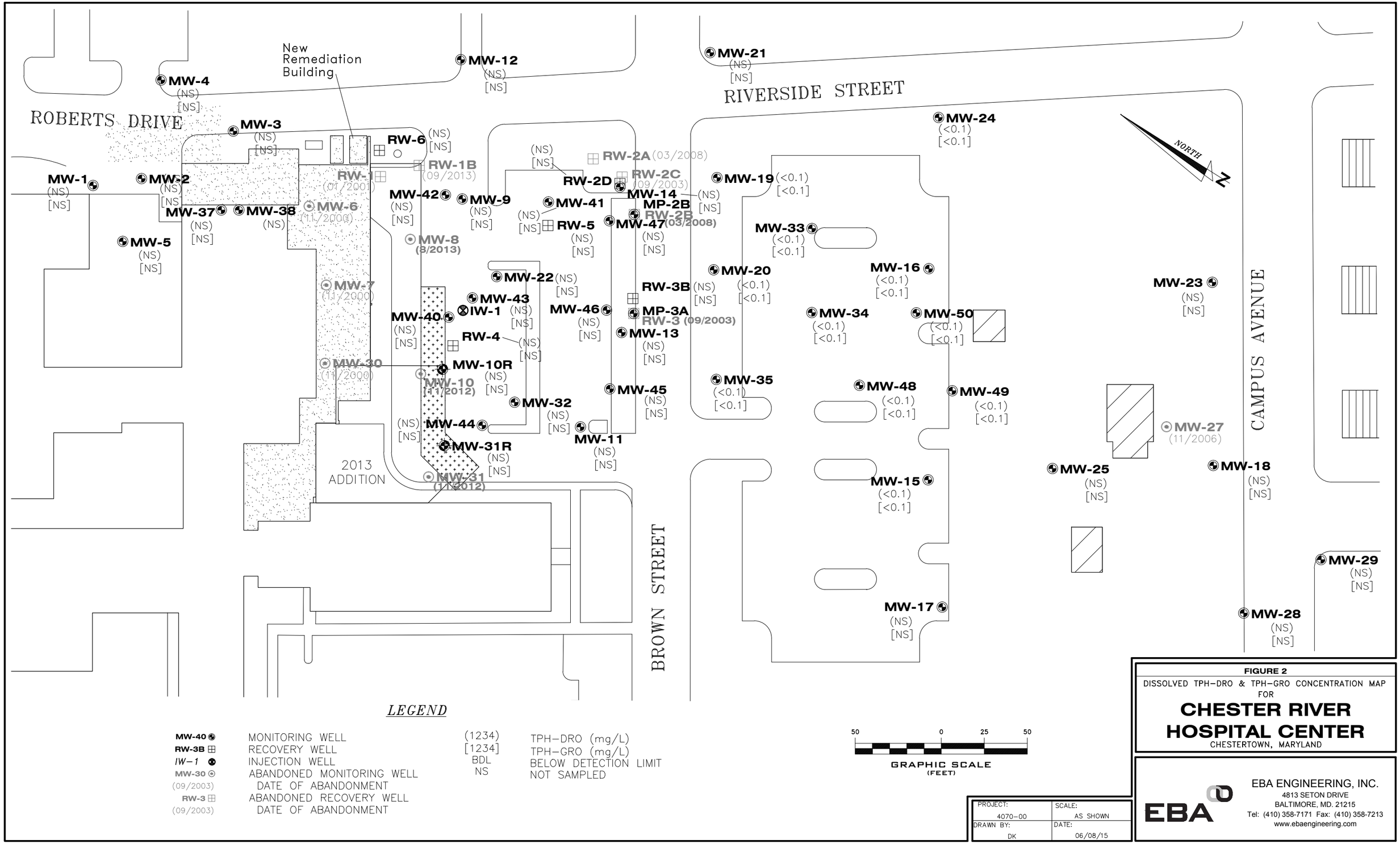


Figure 2– Site map showing total petroleum hydrocarbon (TPH) concentrations, May 28, 2015 Chester River Hospital Center, Chestertown, Maryland.

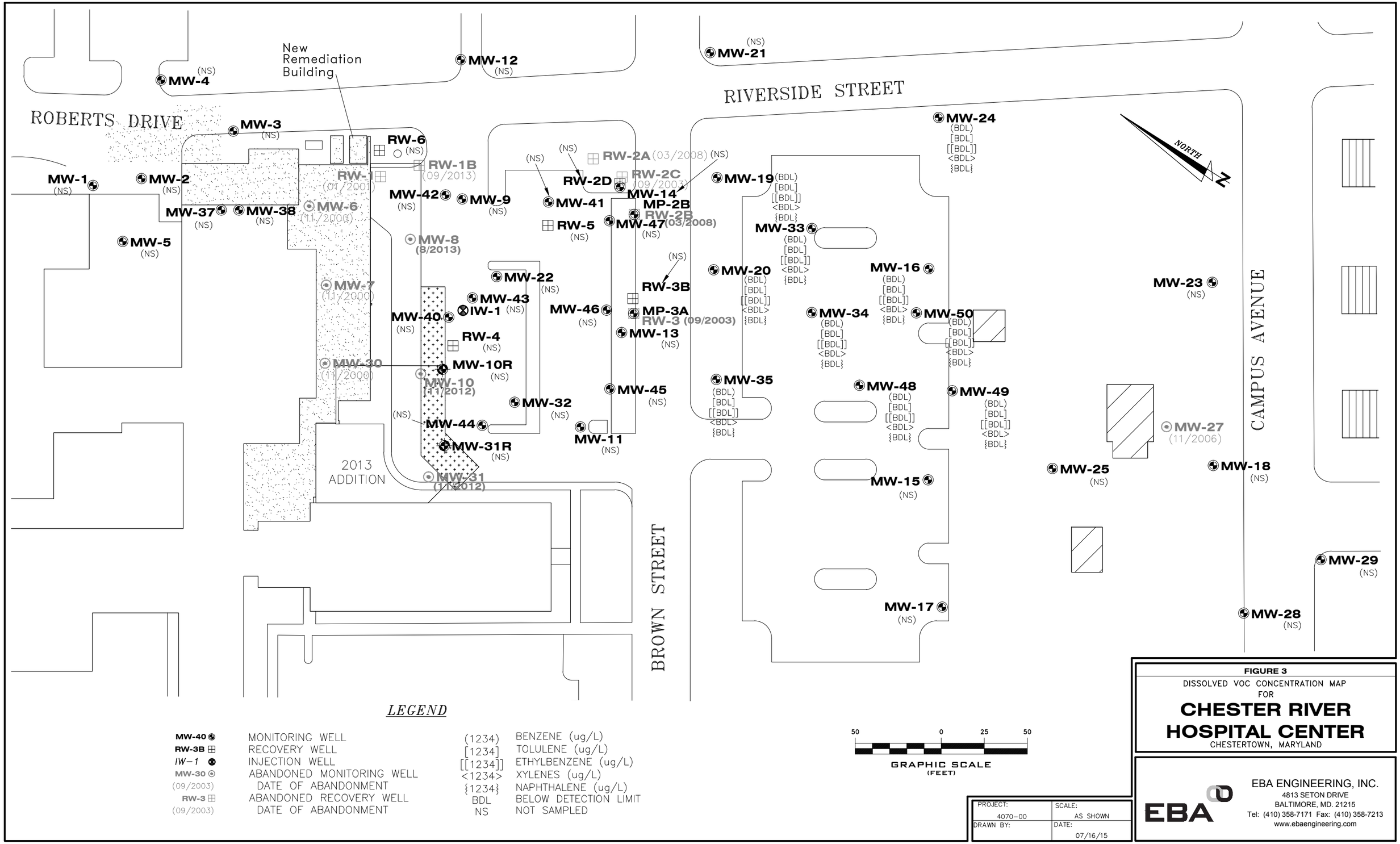


Figure 3– Site map showing volatile organic compounds (VOC) concentrations, June 23, 2015 Chester River Hospital Center, Chestertown, Maryland.

FIGURE 3

Water Quality Maps of BTEX and Naphthalene - April, May, June

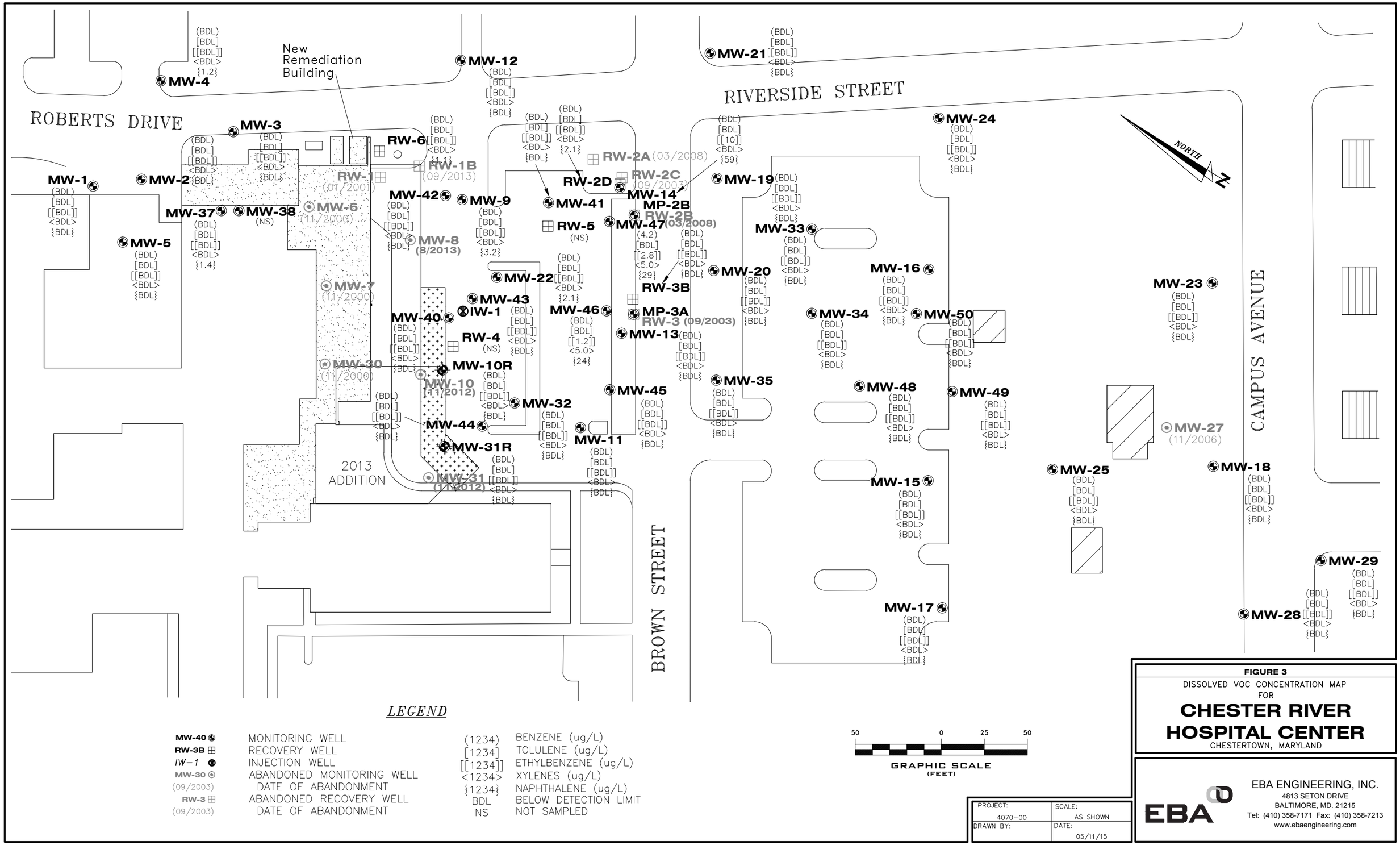


Figure 3– Site map showing volatile organic compounds (VOC) concentrations, April 23–24, 2015 Chester River Hospital Center, Chestertown, Maryland.

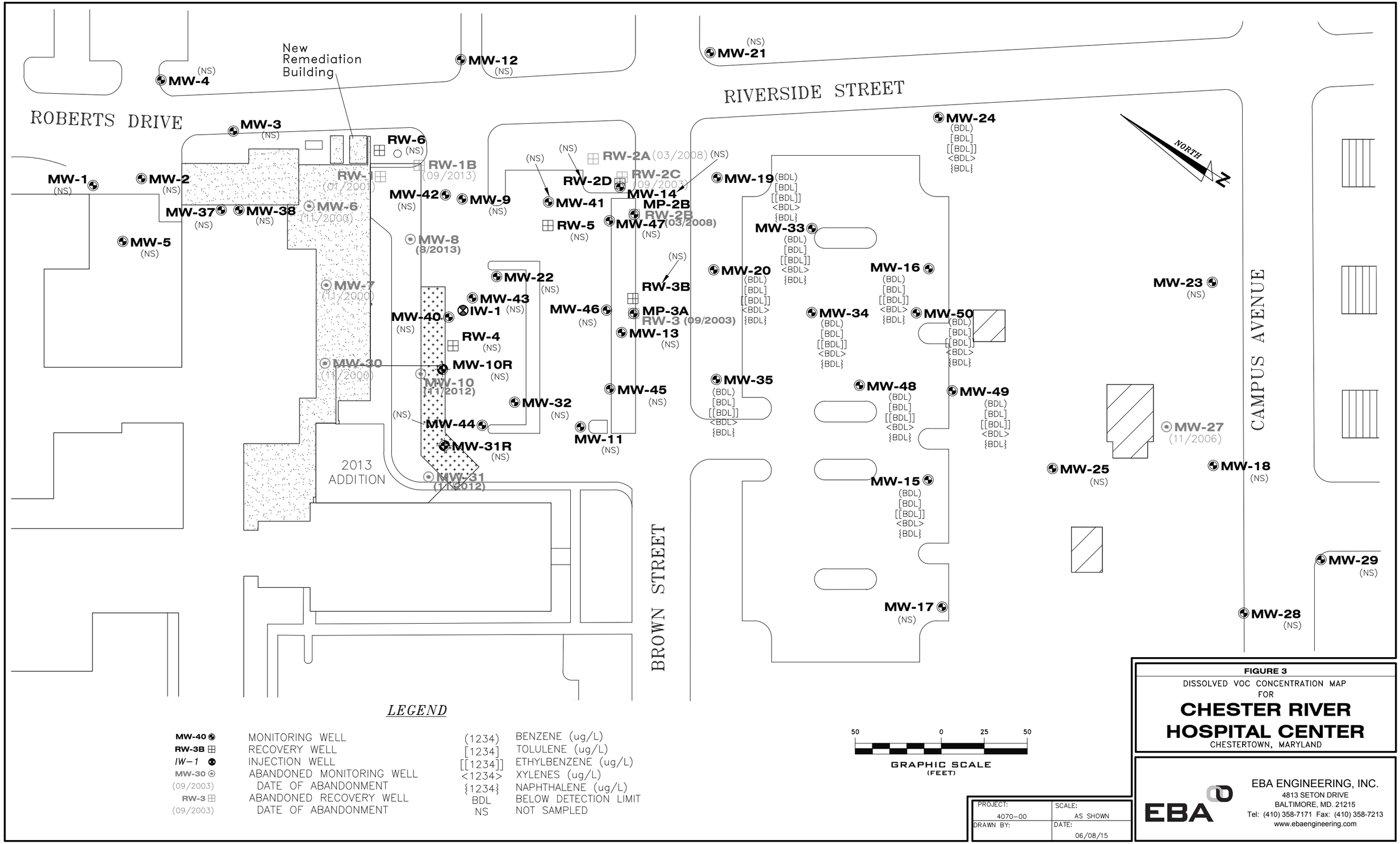


Figure 3– Site map showing volatile organic compounds (VOC) concentrations, May 28, 2015 Chester River Hospital Center, Chestertown, Maryland.

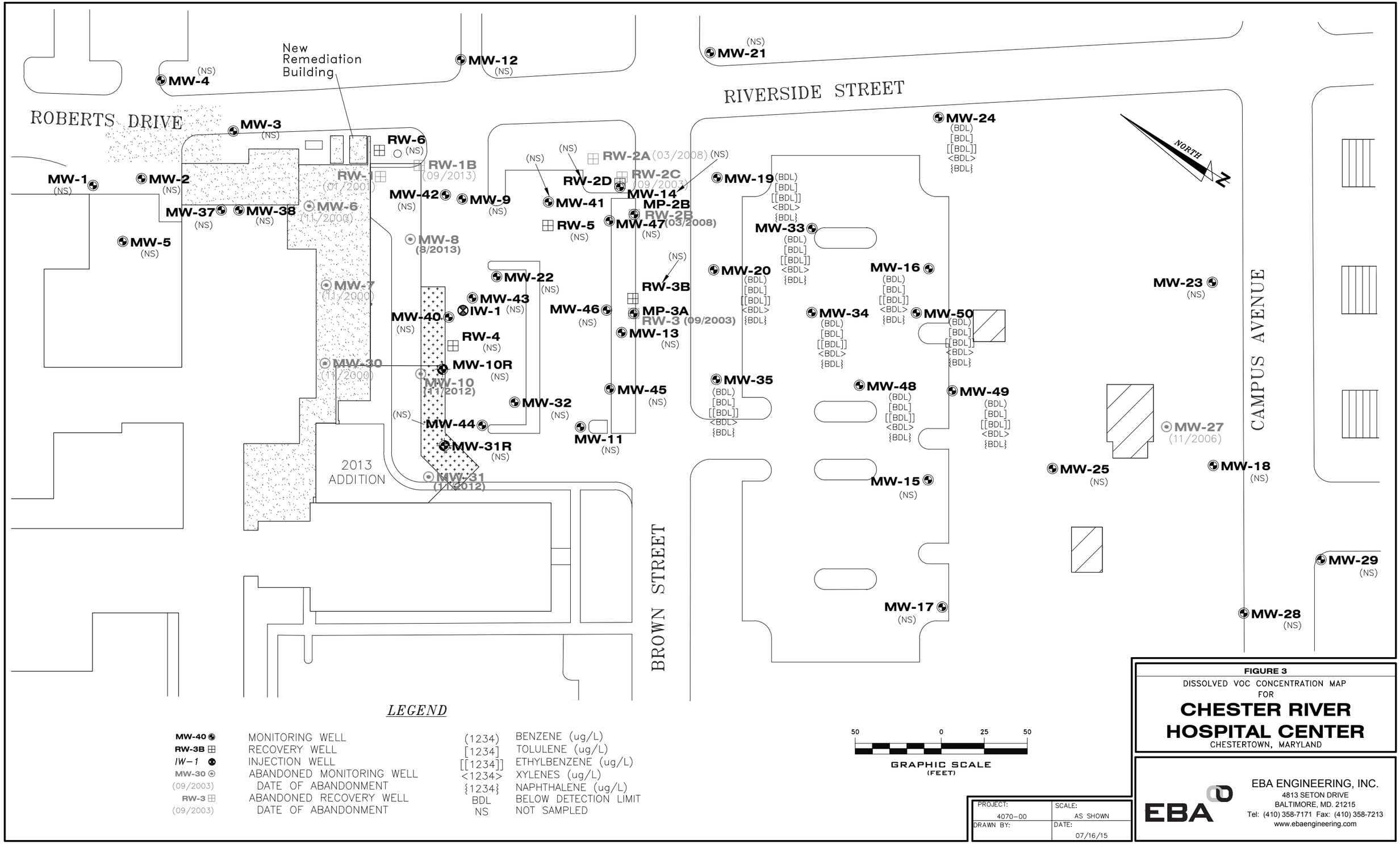


Figure 3– Site map showing volatile organic compounds (VOC) concentrations, June 23, 2015 Chester River Hospital Center, Chestertown, Maryland.

APPENDIX A

LABORATORY RESULTS

Analytical Report for

UMM Shore Regional Health at Chestertown

Certificate of Analysis No.: 15042314

Project Manager: Ken Hannon

Project Name : CRHC

Project Location: Chestertown, MD

May 1, 2015

Phase Separation Science, Inc.

6630 Baltimore National Pike
Baltimore, MD 21228
Phone: (410) 747-8770
Fax: (410) 788-8723

OFFICES:
6630 BALTIMORE NATIONAL PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
410-747-8770
800-932-9047
FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.

May 1, 2015

Ken Hannon
UMM Shore Regional Health at Chestertown
100 Brown Street
Chestertown, MD 21620

Reference: PSS Work Order(s) No: **15042314**
Project Name: CRHC
Project Location: Chestertown, MD

Dear Ken Hannon :

This report includes the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order(s) numbered **15042314**.

All work reported herein has been performed in accordance with current NELAP standards, referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual unless otherwise noted in the Case Narrative Summary. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on May 28, 2015. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 5 years, after which time it will be disposed of without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Sincerely,

Dan Prucnal
Laboratory Manager

Sample Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15042314

The following samples were received under chain of custody by Phase Separation Science (PSS) on 04/23/2015 at 06:45 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
15042314-001	MW29	GROUND WATER	04/22/15 12:35
15042314-002	MW28	GROUND WATER	04/22/15 12:35
15042314-003	MW18	GROUND WATER	04/22/15 12:45
15042314-004	MW25	GROUND WATER	04/22/15 12:45
15042314-005	MW23	GROUND WATER	04/22/15 12:55
15042314-006	MW24	GROUND WATER	04/22/15 12:55
15042314-007	MW16	GROUND WATER	04/23/15 11:50
15042314-008	MW15	GROUND WATER	04/23/15 11:50
15042314-009	MW17	GROUND WATER	04/23/15 12:05
15042314-010	MW33	GROUND WATER	04/23/15 12:05
15042314-011	MW34	GROUND WATER	04/23/15 12:25
15042314-012	MW35	GROUND WATER	04/23/15 12:25
15042314-013	MW20	GROUND WATER	04/23/15 12:45
15042314-014	MW19	GROUND WATER	04/23/15 12:45
15042314-015	MW21	GROUND WATER	04/23/15 13:10
15042314-016	MW32	GROUND WATER	04/23/15 13:10

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in Case Narrative Summary.

Notes:

1. The presence of a common laboratory contaminant such as methylene chloride may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. Unless otherwise noted in the case narrative, results are reported on a dry weight basis with the exception of pH, flashpoint, moisture, and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].
4. The analyses of 1,2-dibromo-3-chloropropane (DBCP) and 1,2-dibromoethane (EDB) by EPA 524.2 and calcium, magnesium, sodium and iron by EPA 200.8 are not currently promulgated for use in testing to meet the Safe Drinking Water Act and as such cannot be used for compliance purposes. The listings of the current promulgated methods for testing in compliance with the Safe Drinking Water Act can be found in the 40 CFR part 141.1, for the primary drinking water contaminates, and part 141.3, for the secondary drinking water contaminates.
5. Sample prepared under EPA 3550C with concentrations greater than 20 mg/Kg should employ the microtip extraction procedure if required to meet data quality objectives.
6. The analysis of acrolein by EPA 624 must be analyzed within three days of sampling unless pH is adjusted to 4-5 units [40 CFR part 136.3(e)].
7. Method 180.1, The Determination of Turbidity by Nephelometry, recommends samples over 40 NTU be diluted until the turbidity falls below 40 units. Routine samples over 40 NTU may not be diluted as long as the data quality objectives are not affected.
8. Alkalinity results analyzed by EPA 310.2 that are reported by dilution are estimated and are not in compliance with method requirements.

Sample Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15042314

Standard Flags/Abbreviations:

B	A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C	Results Pending Final Confirmation.
E	The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
Fail	The result exceeds the regulatory level for Toxicity Characteristic (TCLP) as cited in 40 CFR 261.24 Table 1.
J	The target analyte was positively identified below the reporting limit but greater than the MDL.
MDL	This is the Laboratory Method Detection Limit which is equivalent to the Limit of Detection (LOD). The LOD is an estimate of the minimum amount of a substance that an analytical process can reliably detect. This value will remain constant across multiple similar instrumentation and among different analysts. An LOD is analyte and matrix specific.
ND	Not Detected at or above the reporting limit.
RL	PSS Reporting Limit.
U	Not detected.

Certifications:

NELAP Certifications: PA 68-03330, VA 460156
State Certifications: MD 179, WV 303
Regulated Soil Permit: P330-12-00268
NSWC USCG Accepted Laboratory
LDBE MWAA LD1997-0041-2015

OFFICES:
6630 BALTIMORE NATIONAL PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
410-747-8770
800-932-9047
FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW29 **Date/Time Sampled: 04/22/2015 12:35** **PSS Sample ID: 15042314-001**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 18:41	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 13:49	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW29 **Date/Time Sampled: 04/22/2015 12:35** **PSS Sample ID: 15042314-001**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 18:17	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 18:17	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 18:17	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW29 **Date/Time Sampled: 04/22/2015 12:35** **PSS Sample ID: 15042314-001**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 18:17	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 18:17	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 18:17	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 18:17	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:17	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW28 **Date/Time Sampled: 04/22/2015 12:35** **PSS Sample ID: 15042314-002**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 18:41	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 14:15	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW28 **Date/Time Sampled: 04/22/2015 12:35** **PSS Sample ID: 15042314-002**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 18:56	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 18:56	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 18:56	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW28 **Date/Time Sampled: 04/22/2015 12:35** **PSS Sample ID: 15042314-002**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 18:56	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 18:56	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 18:56	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 18:56	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 18:56	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW18 **Date/Time Sampled: 04/22/2015 12:45** **PSS Sample ID: 15042314-003**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 19:12	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 14:40	1035

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW18 **Date/Time Sampled: 04/22/2015 12:45** **PSS Sample ID: 15042314-003**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 19:36	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 19:36	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 19:36	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW18 **Date/Time Sampled: 04/22/2015 12:45** **PSS Sample ID: 15042314-003**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 19:36	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 19:36	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 19:36	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 19:36	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:36	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW25 **Date/Time Sampled: 04/22/2015 12:45** **PSS Sample ID: 15042314-004**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 19:12	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 15:06	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW25 **Date/Time Sampled: 04/22/2015 12:45** **PSS Sample ID: 15042314-004**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 20:15	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 20:15	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 20:15	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW25 **Date/Time Sampled: 04/22/2015 12:45** **PSS Sample ID: 15042314-004**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 20:15	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 20:15	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 20:15	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 20:15	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:15	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW23 **Date/Time Sampled: 04/22/2015 12:55** **PSS Sample ID: 15042314-005**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 19:43	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 15:31	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW23 **Date/Time Sampled: 04/22/2015 12:55** **PSS Sample ID: 15042314-005**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 01:30	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 01:30	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 01:30	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW23 **Date/Time Sampled: 04/22/2015 12:55** **PSS Sample ID: 15042314-005**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 01:30	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 01:30	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 01:30	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 01:30	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 01:30	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW24 **Date/Time Sampled: 04/22/2015 12:55** **PSS Sample ID: 15042314-006**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 19:43	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 15:56	1035

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW24 **Date/Time Sampled: 04/22/2015 12:55** **PSS Sample ID: 15042314-006**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 04:09	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 04:09	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 04:09	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Chloroform	**1.6**	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW24 **Date/Time Sampled: 04/22/2015 12:55** **PSS Sample ID: 15042314-006**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 04:09	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 04:09	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 04:09	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 04:09	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:09	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW16 **Date/Time Sampled: 04/23/2015 11:50** **PSS Sample ID: 15042314-007**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 20:14	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 16:30	1035

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW16 **Date/Time Sampled: 04/23/2015 11:50** **PSS Sample ID: 15042314-007**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 04:48	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 04:48	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 04:48	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW16 **Date/Time Sampled: 04/23/2015 11:50** **PSS Sample ID: 15042314-007**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 04:48	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 04:48	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 04:48	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 04:48	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:48	1011

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW15 **Date/Time Sampled: 04/23/2015 11:50** **PSS Sample ID: 15042314-008**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 20:14	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 16:56	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW15 **Date/Time Sampled: 04/23/2015 11:50** **PSS Sample ID: 15042314-008**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 05:28	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 05:28	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 05:28	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW15 **Date/Time Sampled: 04/23/2015 11:50** **PSS Sample ID: 15042314-008**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 05:28	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 05:28	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 05:28	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 05:28	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:28	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW17 **Date/Time Sampled: 04/23/2015 12:05** **PSS Sample ID: 15042314-009**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 20:46	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 17:22	1035

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW17 **Date/Time Sampled: 04/23/2015 12:05** **PSS Sample ID: 15042314-009**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 06:07	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 06:07	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 06:07	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW17 **Date/Time Sampled: 04/23/2015 12:05** **PSS Sample ID: 15042314-009**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 06:07	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 06:07	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 06:07	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 06:07	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:07	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW33 **Date/Time Sampled: 04/23/2015 12:05** **PSS Sample ID: 15042314-010**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 20:46	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 17:47	1035

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW33 **Date/Time Sampled: 04/23/2015 12:05** **PSS Sample ID: 15042314-010**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 06:47	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 06:47	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 06:47	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Chloroform	**1.8**	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW33 **Date/Time Sampled: 04/23/2015 12:05** **PSS Sample ID: 15042314-010**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 06:47	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 06:47	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 06:47	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 06:47	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:47	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW34 **Date/Time Sampled: 04/23/2015 12:25** **PSS Sample ID: 15042314-011**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 21:17	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 18:13	1035

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW34 **Date/Time Sampled: 04/23/2015 12:25** **PSS Sample ID: 15042314-011**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 07:26	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 07:26	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 07:26	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW34 **Date/Time Sampled: 04/23/2015 12:25** **PSS Sample ID: 15042314-011**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 07:26	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 07:26	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 07:26	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 07:26	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:26	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW35 **Date/Time Sampled: 04/23/2015 12:25** **PSS Sample ID: 15042314-012**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 21:17	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 18:38	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW35 **Date/Time Sampled: 04/23/2015 12:25** **PSS Sample ID: 15042314-012**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 08:06	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 08:06	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 08:06	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW35 **Date/Time Sampled: 04/23/2015 12:25** **PSS Sample ID: 15042314-012**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 08:06	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 08:06	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 08:06	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 08:06	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:06	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW20 **Date/Time Sampled: 04/23/2015 12:45** **PSS Sample ID: 15042314-013**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 21:48	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 19:04	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW20 **Date/Time Sampled: 04/23/2015 12:45** **PSS Sample ID: 15042314-013**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 08:45	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 08:45	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 08:45	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW20 **Date/Time Sampled: 04/23/2015 12:45** **PSS Sample ID: 15042314-013**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 08:45	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 08:45	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 08:45	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 08:45	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:45	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW19 **Date/Time Sampled: 04/23/2015 12:45** **PSS Sample ID: 15042314-014**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 21:48	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 19:29	1035

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW19 **Date/Time Sampled: 04/23/2015 12:45** **PSS Sample ID: 15042314-014**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 13:29	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/26/15 13:29	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 13:29	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW19 **Date/Time Sampled: 04/23/2015 12:45** **PSS Sample ID: 15042314-014**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 13:29	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/26/15 13:29	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/26/15 13:29	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/26/15 13:29	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/26/15 13:29	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW21 **Date/Time Sampled: 04/23/2015 13:10** **PSS Sample ID: 15042314-015**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 22:19	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 19:55	1035

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW21 **Date/Time Sampled: 04/23/2015 13:10** **PSS Sample ID: 15042314-015**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 18:10	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/26/15 18:10	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 18:10	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW21 **Date/Time Sampled: 04/23/2015 13:10** **PSS Sample ID: 15042314-015**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 18:10	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/26/15 18:10	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/26/15 18:10	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/26/15 18:10	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:10	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW32 **Date/Time Sampled: 04/23/2015 13:10** **PSS Sample ID: 15042314-016**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/24/15	04/24/15 22:19	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/24/15	04/24/15 20:20	1035

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CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW32 **Date/Time Sampled: 04/23/2015 13:10** **PSS Sample ID: 15042314-016**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 18:45	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/26/15 18:45	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 18:45	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042314

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW32 **Date/Time Sampled: 04/23/2015 13:10** **PSS Sample ID: 15042314-016**
Matrix: GROUND WATER **Date/Time Received: 04/23/2015 18:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 18:45	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/26/15 18:45	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/26/15 18:45	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/26/15 18:45	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/26/15 18:45	1011

Case Narrative Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15042314

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

The analyses of chlorine, pH, dissolved oxygen, temperature and sulfite for drinking water and non-potable samples tested for compliance have a maximum holding time of 15 minutes. As such, all laboratory analyses for these analytes exceed holding times.

Matrix spike and matrix spike duplicate analyses may not be performed due to insufficient sample quantity. In these instances, a laboratory control sample and laboratory control sample duplicate are analyzed unless otherwise noted or specified in the method.

Sample Receipt:

All sample receipt conditions were acceptable.

Analytical:

TCL Volatiles plus Oxygenates

Batch: 122139
Laboratory control sample and/or laboratory control sample duplicate (LCS/LCSD) exceedances identified; see LCS summary form.

Volatile Organic Compounds

Batch: 122138
Laboratory control sample and/or laboratory control sample duplicate (LCS/LCSD) exceedances identified; see LCS summary form.

NELAP accreditation was held for all analyses performed unless noted below. See www.phaseonline.com for complete PSS scope of accreditation.

Analytical Data Package Information Summary

Work Order(s): 15042314
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8015 C	MW29	Initial	15042314-001	1055	W	55140	122161	04/22/2015	04/24/2015 08:46	04/24/2015 18:41
	MW28	Initial	15042314-002	1055	W	55140	122161	04/22/2015	04/24/2015 08:46	04/24/2015 18:41
	MW18	Initial	15042314-003	1055	W	55140	122161	04/22/2015	04/24/2015 08:46	04/24/2015 19:12
	MW25	Initial	15042314-004	1055	W	55140	122161	04/22/2015	04/24/2015 08:46	04/24/2015 19:12
	MW23	Initial	15042314-005	1055	W	55140	122161	04/22/2015	04/24/2015 08:46	04/24/2015 19:43
	MW24	Initial	15042314-006	1055	W	55140	122161	04/22/2015	04/24/2015 08:46	04/24/2015 19:43
	MW16	Initial	15042314-007	1055	W	55140	122161	04/23/2015	04/24/2015 08:46	04/24/2015 20:14
	MW15	Initial	15042314-008	1055	W	55140	122161	04/23/2015	04/24/2015 08:46	04/24/2015 20:14
	MW17	Initial	15042314-009	1055	W	55140	122161	04/23/2015	04/24/2015 08:46	04/24/2015 20:46
	MW33	Initial	15042314-010	1055	W	55140	122161	04/23/2015	04/24/2015 08:46	04/24/2015 20:46
	MW34	Initial	15042314-011	1055	W	55140	122161	04/23/2015	04/24/2015 08:46	04/24/2015 21:17
	MW35	Initial	15042314-012	1055	W	55140	122161	04/23/2015	04/24/2015 08:46	04/24/2015 21:17
	MW20	Initial	15042314-013	1055	W	55140	122161	04/23/2015	04/24/2015 08:46	04/24/2015 21:48
	MW19	Initial	15042314-014	1055	W	55140	122161	04/23/2015	04/24/2015 08:46	04/24/2015 21:48
	MW21	Initial	15042314-015	1055	W	55140	122161	04/23/2015	04/24/2015 08:46	04/24/2015 22:19
	MW32	Initial	15042314-016	1055	W	55140	122161	04/23/2015	04/24/2015 08:46	04/24/2015 22:19
	55140-1-BKS	BKS	55140-1-BKS	1055	W	55140	122161	--------	04/24/2015 08:46	04/24/2015 13:00
	55140-1-BLK	BLK	55140-1-BLK	1055	W	55140	122161	--------	04/24/2015 08:46	04/24/2015 12:29
	55140-1-BSD	BSD	55140-1-BSD	1055	W	55140	122161	--------	04/24/2015 08:46	04/24/2015 13:31
SW-846 8015C	MW29	Initial	15042314-001	1035	W	55169	122142	04/22/2015	04/24/2015 09:36	04/24/2015 13:49
	MW28	Initial	15042314-002	1035	W	55169	122142	04/22/2015	04/24/2015 09:36	04/24/2015 14:15
	MW18	Initial	15042314-003	1035	W	55169	122142	04/22/2015	04/24/2015 09:36	04/24/2015 14:40
	MW25	Initial	15042314-004	1035	W	55169	122142	04/22/2015	04/24/2015 09:36	04/24/2015 15:06
	MW23	Initial	15042314-005	1035	W	55169	122142	04/22/2015	04/24/2015 09:36	04/24/2015 15:31
	MW24	Initial	15042314-006	1035	W	55169	122142	04/22/2015	04/24/2015 09:36	04/24/2015 15:56
	MW16	Initial	15042314-007	1035	W	55169	122142	04/23/2015	04/24/2015 09:36	04/24/2015 16:30
	MW15	Initial	15042314-008	1035	W	55169	122142	04/23/2015	04/24/2015 09:36	04/24/2015 16:56
	MW17	Initial	15042314-009	1035	W	55169	122142	04/23/2015	04/24/2015 09:36	04/24/2015 17:22
	MW33	Initial	15042314-010	1035	W	55169	122142	04/23/2015	04/24/2015 09:36	04/24/2015 17:47

Analytical Data Package Information Summary

Work Order(s): 15042314
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8015C	MW34	Initial	15042314-011	1035	W	55169	122142	04/23/2015	04/24/2015 09:36	04/24/2015 18:13
	MW35	Initial	15042314-012	1035	W	55169	122142	04/23/2015	04/24/2015 09:36	04/24/2015 18:38
	MW20	Initial	15042314-013	1035	W	55169	122142	04/23/2015	04/24/2015 09:36	04/24/2015 19:04
	MW19	Initial	15042314-014	1035	W	55169	122142	04/23/2015	04/24/2015 09:36	04/24/2015 19:29
	MW21	Initial	15042314-015	1035	W	55169	122142	04/23/2015	04/24/2015 09:36	04/24/2015 19:55
	MW32	Initial	15042314-016	1035	W	55169	122142	04/23/2015	04/24/2015 09:36	04/24/2015 20:20
	55169-2-BKS	BKS	55169-2-BKS	1035	W	55169	122142	--------	04/24/2015 09:36	04/24/2015 12:58
	55169-2-BLK	BLK	55169-2-BLK	1035	W	55169	122142	--------	04/24/2015 09:36	04/24/2015 11:16
	MW29 S	MS	15042314-001 S	1035	W	55169	122142	04/22/2015	04/24/2015 09:36	04/24/2015 21:11
	MW29 SD	MSD	15042314-001 SD	1035	W	55169	122142	04/22/2015	04/24/2015 09:36	04/24/2015 21:37
SW-846 8260 B	MW29	Initial	15042314-001	1011	W	55163	122138	04/22/2015	04/25/2015 08:32	04/25/2015 18:17
	MW28	Initial	15042314-002	1011	W	55163	122138	04/22/2015	04/25/2015 08:32	04/25/2015 18:56
	MW18	Initial	15042314-003	1011	W	55163	122138	04/22/2015	04/25/2015 08:32	04/25/2015 19:36
	MW25	Initial	15042314-004	1011	W	55163	122138	04/22/2015	04/25/2015 08:32	04/25/2015 20:15
	55163-1-BKS	BKS	55163-1-BKS	1011	W	55163	122138	--------	04/25/2015 08:32	04/25/2015 11:02
	55163-1-BLK	BLK	55163-1-BLK	1011	W	55163	122138	--------	04/25/2015 08:32	04/25/2015 12:21
	MW-8A S	MS	15042313-006 S	1011	W	55163	122138	04/23/2015	04/25/2015 08:32	04/25/2015 13:40
	MW-8A SD	MSD	15042313-006 SD	1011	W	55163	122138	04/23/2015	04/25/2015 08:32	04/25/2015 14:20
	MW23	Initial	15042314-005	1011	W	55164	122139	04/22/2015	04/25/2015 21:34	04/26/2015 01:30
	MW24	Initial	15042314-006	1011	W	55164	122139	04/22/2015	04/25/2015 21:34	04/26/2015 04:09
	MW16	Initial	15042314-007	1011	W	55164	122139	04/23/2015	04/25/2015 21:34	04/26/2015 04:48
	MW15	Initial	15042314-008	1011	W	55164	122139	04/23/2015	04/25/2015 21:34	04/26/2015 05:28
	MW17	Initial	15042314-009	1011	W	55164	122139	04/23/2015	04/25/2015 21:34	04/26/2015 06:07
	MW33	Initial	15042314-010	1011	W	55164	122139	04/23/2015	04/25/2015 21:34	04/26/2015 06:47
	MW34	Initial	15042314-011	1011	W	55164	122139	04/23/2015	04/25/2015 21:34	04/26/2015 07:26
	MW35	Initial	15042314-012	1011	W	55164	122139	04/23/2015	04/25/2015 21:34	04/26/2015 08:06
	MW20	Initial	15042314-013	1011	W	55164	122139	04/23/2015	04/25/2015 21:34	04/26/2015 08:45
	55164-1-BKS	BKS	55164-1-BKS	1011	W	55164	122139	--------	04/25/2015 21:34	04/25/2015 23:32
	55164-1-BLK	BLK	55164-1-BLK	1011	W	55164	122139	--------	04/25/2015 21:34	04/26/2015 00:51

Analytical Data Package Information Summary

Work Order(s): 15042314
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8260 B	MW23 S	MS	15042314-005 S	1011	W	55164	122139	04/22/2015	04/25/2015 21:34	04/26/2015 02:10
	MW23 SD	MSD	15042314-005 SD	1011	W	55164	122139	04/22/2015	04/25/2015 21:34	04/26/2015 02:49
	MW19	Initial	15042314-014	1011	W	55174	122146	04/23/2015	04/26/2015 10:05	04/26/2015 13:29
	MW21	Initial	15042314-015	1011	W	55174	122146	04/23/2015	04/26/2015 10:05	04/26/2015 18:10
	MW32	Initial	15042314-016	1011	W	55174	122146	04/23/2015	04/26/2015 10:05	04/26/2015 18:45
	55174-1-BKS	BKS	55174-1-BKS	1011	W	55174	122146	--------	04/26/2015 10:05	04/26/2015 11:44
	55174-1-BLK	BLK	55174-1-BLK	1011	W	55174	122146	--------	04/26/2015 10:05	04/26/2015 12:54
	MW19 S	MS	15042314-014 S	1011	W	55174	122146	04/23/2015	04/26/2015 10:05	04/26/2015 14:04
	MW19 SD	MSD	15042314-014 SD	1011	W	55174	122146	04/23/2015	04/26/2015 10:05	04/26/2015 14:39

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	80		37-136	%	04/24/15 18:41

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122138 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	95		81-133	%	04/25/15 18:17
Dibromofluoromethane	104		84-110	%	04/25/15 18:17
Toluene-D8	100		94-109	%	04/25/15 18:17

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	66		65-111	%	04/24/15 13:49

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	91		37-136	%	04/24/15 18:41

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122138 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	95		81-133	%	04/25/15 18:56
Dibromofluoromethane	107		84-110	%	04/25/15 18:56
Toluene-D8	100		94-109	%	04/25/15 18:56

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/24/15 14:15

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	82		37-136	%	04/24/15 19:12

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122138 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	95		81-133	%	04/25/15 19:36
Dibromofluoromethane	106		84-110	%	04/25/15 19:36
Toluene-D8	100		94-109	%	04/25/15 19:36

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/24/15 14:40

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	103		37-136	%	04/24/15 19:12

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122138 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	95		81-133	%	04/25/15 20:15
Dibromofluoromethane	107		84-110	%	04/25/15 20:15
Toluene-D8	99		94-109	%	04/25/15 20:15

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/24/15 15:06

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	85		37-136	%	04/24/15 19:43

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	94		81-133	%	04/26/15 01:30
Dibromofluoromethane	108		84-110	%	04/26/15 01:30
Toluene-D8	99		94-109	%	04/26/15 01:30

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/24/15 15:31

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	106		37-136	%	04/24/15 19:43

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	94		81-133	%	04/26/15 04:09
Dibromofluoromethane	109		84-110	%	04/26/15 04:09
Toluene-D8	98		94-109	%	04/26/15 04:09

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/24/15 15:56

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	83		37-136	%	04/24/15 20:14

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	93		81-133	%	04/26/15 04:48
Dibromofluoromethane	107		84-110	%	04/26/15 04:48
Toluene-D8	100		94-109	%	04/26/15 04:48

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/24/15 16:30

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	97		37-136	%	04/24/15 20:14

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	95		81-133	%	04/26/15 05:28
Dibromofluoromethane	106		84-110	%	04/26/15 05:28
Toluene-D8	101		94-109	%	04/26/15 05:28

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/24/15 16:56

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	96		37-136	%	04/24/15 20:46

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	93		81-133	%	04/26/15 06:07
Dibromofluoromethane	108		84-110	%	04/26/15 06:07
Toluene-D8	99		94-109	%	04/26/15 06:07

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/24/15 17:22

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	101		37-136	%	04/24/15 20:46

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	93		81-133	%	04/26/15 06:47
Dibromofluoromethane	106		84-110	%	04/26/15 06:47
Toluene-D8	100		94-109	%	04/26/15 06:47

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/24/15 17:47

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	90		37-136	%	04/24/15 21:17

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	94		81-133	%	04/26/15 07:26
Dibromofluoromethane	107		84-110	%	04/26/15 07:26
Toluene-D8	99		94-109	%	04/26/15 07:26

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/24/15 18:13

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-012

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	104		37-136	%	04/24/15 21:17

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-012

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	94		81-133	%	04/26/15 08:06
Dibromofluoromethane	107		84-110	%	04/26/15 08:06
Toluene-D8	100		94-109	%	04/26/15 08:06

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-012

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/24/15 18:38

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-013

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	88		37-136	%	04/24/15 21:48

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042314-013

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	95		81-133	%	04/26/15 08:45
Dibromofluoromethane	108		84-110	%	04/26/15 08:45
Toluene-D8	100		94-109	%	04/26/15 08:45

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-013

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/24/15 19:04

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-014

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	106		37-136	%	04/24/15 21:48

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-014

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	66		65-111	%	04/24/15 19:29

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122146 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042314-014

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		81-133	%	04/26/15 13:29
Dibromofluoromethane	100		84-110	%	04/26/15 13:29
Toluene-D8	98		94-109	%	04/26/15 13:29

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-015

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	79		37-136	%	04/24/15 22:19

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-015

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/24/15 19:55

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122146 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042314-015

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	98		81-133	%	04/26/15 18:10
Dibromofluoromethane	102		84-110	%	04/26/15 18:10
Toluene-D8	97		94-109	%	04/26/15 18:10

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QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	86		37-136	%	04/24/15 22:19

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/2015
PSS Sample ID: 15042314-016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	69		65-111	%	04/24/15 20:20

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122146 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042314-016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		81-133	%	04/26/15 18:45
Dibromofluoromethane	102		84-110	%	04/26/15 18:45
Toluene-D8	97		94-109	%	04/26/15 18:45

F = RPD exceeded the laboratory control limits
X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits
L = Recovery of BS,BSD or both below the laboratory control limits

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122161 Matrix: Water Date Prep: 04/24/15
MB Sample Id: 55140-1-BLK LCS Sample Id: 55140-1-BKS LCSD Sample Id: 55140-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-DRO (Diesel Range Organics)	<0.1000	1.000	1.154	115	1.104	110	61-119	4	20	mg/L	04/24/15 13:00	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	LCSD Result	LCSD Flag	Limits	Units	Analysis Date
o-Terphenyl	81		89		87		37-136	%	04/24/15 13:00

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Water Date Prep: 04/24/15
MB Sample Id: 55169-2-BLK LCS Sample Id: 55169-2-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
TPH-GRO (Gasoline Range Organic:	<100	5000	5649	113	61-138	ug/L	04/24/15 12:58	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		75		65-111	%	04/24/15 12:58

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122142 Matrix: Ground Water Date Prep: 04/24/15
Parent Sample Id: 15042314-001 MS Sample Id: 15042314-001 S MSD Sample Id: 15042314-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-GRO (Gasoline Range Organic:	<100	5000	4690	94	4468	89	58-136	5	25	ug/L	04/24/15 21:11	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	72		71		65-111	%	04/24/15 21:11

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122138 Matrix: Water Date Prep: 04/25/15
MB Sample Id: 55163-1-BLK LCS Sample Id: 55163-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<10.00	50.00	49.99	100	53-146	ug/L	04/25/15 11:02	
tert-Amyl alcohol	<20.00	50.00	32.07	64	27-139	ug/L	04/25/15 11:02	
tert-Amyl ethyl ether	<10.00	50.00	27.14	54	60-121	ug/L	04/25/15 11:02	L
tert-Amyl methyl ether	<10.00	50.00	28.88	58	61-129	ug/L	04/25/15 11:02	L
Benzene	<1.000	50.00	59.69	119	77-122	ug/L	04/25/15 11:02	
Bromochloromethane	<1.000	50.00	63.28	127	71-122	ug/L	04/25/15 11:02	H
Bromodichloromethane	<1.000	50.00	56.00	112	76-122	ug/L	04/25/15 11:02	
Bromoform	<5.000	50.00	53.56	107	69-115	ug/L	04/25/15 11:02	
Bromomethane	<1.000	50.00	39.53	79	40-147	ug/L	04/25/15 11:02	
tert-Butyl alcohol	<20.00	50.00	41.53	83	15-150	ug/L	04/25/15 11:02	
2-Butanone (MEK)	<10.00	50.00	52.13	104	56-133	ug/L	04/25/15 11:02	
tert-Butyl ethyl ether	<10.00	50.00	31.32	63	62-137	ug/L	04/25/15 11:02	
Carbon Disulfide	<10.00	50.00	59.85	120	62-134	ug/L	04/25/15 11:02	
Carbon Tetrachloride	<1.000	50.00	46.56	93	74-127	ug/L	04/25/15 11:02	
Chlorobenzene	<1.000	50.00	57.41	115	76-116	ug/L	04/25/15 11:02	
Chloroethane	<1.000	50.00	44.10	88	59-132	ug/L	04/25/15 11:02	
Chloroform	<1.000	50.00	53.93	108	71-118	ug/L	04/25/15 11:02	
Chloromethane	<1.000	50.00	41.35	83	62-131	ug/L	04/25/15 11:02	
Cyclohexane	<10.00	50.00	56.72	113	46-150	ug/L	04/25/15 11:02	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	54.52	109	59-135	ug/L	04/25/15 11:02	
Dibromochloromethane	<1.000	50.00	52.82	106	75-114	ug/L	04/25/15 11:02	
1,2-Dibromoethane (EDB)	<1.000	50.00	54.27	109	78-121	ug/L	04/25/15 11:02	
1,2-Dichlorobenzene	<1.000	50.00	61.89	124	80-122	ug/L	04/25/15 11:02	H
1,3-Dichlorobenzene	<1.000	50.00	61.11	122	80-122	ug/L	04/25/15 11:02	
1,4-Dichlorobenzene	<1.000	50.00	61.23	122	77-118	ug/L	04/25/15 11:02	H
Dichlorodifluoromethane	<1.000	50.00	49.08	98	54-139	ug/L	04/25/15 11:02	
1,1-Dichloroethane	<1.000	50.00	53.65	107	51-136	ug/L	04/25/15 11:02	
1,2-Dichloroethane	<1.000	50.00	52.65	105	64-130	ug/L	04/25/15 11:02	
1,1-Dichloroethene	<1.000	50.00	48.84	98	59-123	ug/L	04/25/15 11:02	
cis-1,2-Dichloroethene	<1.000	50.00	61.93	124	77-119	ug/L	04/25/15 11:02	H
1,2-Dichloropropane	<1.000	50.00	53.94	108	75-125	ug/L	04/25/15 11:02	
cis-1,3-Dichloropropene	<1.000	50.00	50.94	102	74-123	ug/L	04/25/15 11:02	
trans-1,3-Dichloropropene	<1.000	50.00	50.17	100	73-116	ug/L	04/25/15 11:02	
trans-1,2-Dichloroethene	<1.000	50.00	64.96	130	58-134	ug/L	04/25/15 11:02	
Diisopropyl ether	<10.00	50.00	53.37	107	48-146	ug/L	04/25/15 11:02	
Ethylbenzene	<1.000	50.00	55.17	110	79-122	ug/L	04/25/15 11:02	
2-Hexanone	<10.00	50.00	42.47	85	56-134	ug/L	04/25/15 11:02	
Isopropylbenzene	<1.000	50.00	53.06	106	80-128	ug/L	04/25/15 11:02	
Methyl Acetate	<10.00	50.00	47.87	96	47-145	ug/L	04/25/15 11:02	
Methylcyclohexane	<10.00	50.00	58.63	117	61-155	ug/L	04/25/15 11:02	
Methylene Chloride	<1.000	50.00	54.07	108	61-126	ug/L	04/25/15 11:02	
4-Methyl-2-Pentanone	<5.000	50.00	50.46	101	45-145	ug/L	04/25/15 11:02	
Methyl-t-butyl ether	<1.000	50.00	37.20	74	30-168	ug/L	04/25/15 11:02	
Naphthalene	<1.000	50.00	57.28	115	46-154	ug/L	04/25/15 11:02	
Styrene	<1.000	50.00	50.49	101	73-118	ug/L	04/25/15 11:02	
1,1,2,2-Tetrachloroethane	<1.000	50.00	56.72	113	71-126	ug/L	04/25/15 11:02	
Tetrachloroethene	<1.000	50.00	61.45	123	78-113	ug/L	04/25/15 11:02	H
Toluene	<1.000	50.00	57.45	115	77-123	ug/L	04/25/15 11:02	
1,2,3-Trichlorobenzene	<1.000	50.00	58.17	116	66-140	ug/L	04/25/15 11:02	
1,2,4-Trichlorobenzene	<1.000	50.00	59.23	118	72-143	ug/L	04/25/15 11:02	
1,1,1-Trichloroethane	<1.000	50.00	55.93	112	66-133	ug/L	04/25/15 11:02	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B

Prep Method: SW5030B

Seq Number: 122138

Matrix: Water

Date Prep: 04/25/15

MB Sample Id: 55163-1-BLK

LCS Sample Id: 55163-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	55.46	111	72-128	ug/L	04/25/15 11:02	
Trichloroethene	<1.000	50.00	58.37	117	72-127	ug/L	04/25/15 11:02	
Trichlorofluoromethane	<5.000	50.00	48.23	96	45-130	ug/L	04/25/15 11:02	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	47.71	95	56-126	ug/L	04/25/15 11:02	
Vinyl Chloride	<1.000	50.00	47.05	94	64-132	ug/L	04/25/15 11:02	
m,p-Xylenes	<2.000	100	114.7	115	78-119	ug/L	04/25/15 11:02	
o-Xylene	<1.000	50.00	52.40	105	79-123	ug/L	04/25/15 11:02	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	95		96		81-133	%	04/25/15 11:02
Dibromofluoromethane	104		103		84-110	%	04/25/15 11:02
Toluene-D8	100		96		94-109	%	04/25/15 11:02

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Water Date Prep: 04/25/15
MB Sample Id: 55164-1-BLK LCS Sample Id: 55164-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<10.00	50.00	43.62	87	53-146	ug/L	04/25/15 23:32	
tert-Amyl alcohol	<20.00	50.00	28.36	57	27-139	ug/L	04/25/15 23:32	
tert-Amyl ethyl ether	<10.00	50.00	23.85	48	60-121	ug/L	04/25/15 23:32	L
tert-Amyl methyl ether	<10.00	50.00	24.31	49	61-129	ug/L	04/25/15 23:32	L
Benzene	<1.000	50.00	57.04	114	77-122	ug/L	04/25/15 23:32	
Bromochloromethane	<1.000	50.00	58.57	117	71-122	ug/L	04/25/15 23:32	
Bromodichloromethane	<1.000	50.00	53.28	107	76-122	ug/L	04/25/15 23:32	
Bromoform	<5.000	50.00	47.47	95	69-115	ug/L	04/25/15 23:32	
Bromomethane	<1.000	50.00	39.36	79	40-147	ug/L	04/25/15 23:32	
tert-Butyl alcohol	<20.00	50.00	39.65	79	15-150	ug/L	04/25/15 23:32	
2-Butanone (MEK)	<10.00	50.00	47.74	95	56-133	ug/L	04/25/15 23:32	
tert-Butyl ethyl ether	<10.00	50.00	26.60	53	62-137	ug/L	04/25/15 23:32	L
Carbon Disulfide	<10.00	50.00	57.32	115	62-134	ug/L	04/25/15 23:32	
Carbon Tetrachloride	<1.000	50.00	46.75	94	74-127	ug/L	04/25/15 23:32	
Chlorobenzene	<1.000	50.00	54.80	110	76-116	ug/L	04/25/15 23:32	
Chloroethane	<1.000	50.00	42.83	86	59-132	ug/L	04/25/15 23:32	
Chloroform	<1.000	50.00	52.35	105	71-118	ug/L	04/25/15 23:32	
Chloromethane	<1.000	50.00	40.11	80	62-131	ug/L	04/25/15 23:32	
Cyclohexane	<10.00	50.00	52.96	106	46-150	ug/L	04/25/15 23:32	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	43.72	87	59-135	ug/L	04/25/15 23:32	
Dibromochloromethane	<1.000	50.00	48.50	97	75-114	ug/L	04/25/15 23:32	
1,2-Dibromoethane (EDB)	<1.000	50.00	48.38	97	78-121	ug/L	04/25/15 23:32	
1,2-Dichlorobenzene	<1.000	50.00	58.83	118	80-122	ug/L	04/25/15 23:32	
1,3-Dichlorobenzene	<1.000	50.00	58.46	117	80-122	ug/L	04/25/15 23:32	
1,4-Dichlorobenzene	<1.000	50.00	57.66	115	77-118	ug/L	04/25/15 23:32	
Dichlorodifluoromethane	<1.000	50.00	44.62	89	54-139	ug/L	04/25/15 23:32	
1,1-Dichloroethane	<1.000	50.00	51.41	103	51-136	ug/L	04/25/15 23:32	
1,2-Dichloroethane	<1.000	50.00	48.74	97	64-130	ug/L	04/25/15 23:32	
1,1-Dichloroethene	<1.000	50.00	48.50	97	59-123	ug/L	04/25/15 23:32	
cis-1,2-Dichloroethene	<1.000	50.00	59.29	119	77-119	ug/L	04/25/15 23:32	
1,2-Dichloropropane	<1.000	50.00	50.62	101	75-125	ug/L	04/25/15 23:32	
cis-1,3-Dichloropropene	<1.000	50.00	44.21	88	74-123	ug/L	04/25/15 23:32	
trans-1,3-Dichloropropene	<1.000	50.00	42.19	84	73-116	ug/L	04/25/15 23:32	
trans-1,2-Dichloroethene	<1.000	50.00	62.79	126	58-134	ug/L	04/25/15 23:32	
Diisopropyl ether	<10.00	50.00	49.47	99	48-146	ug/L	04/25/15 23:32	
Ethylbenzene	<1.000	50.00	51.91	104	79-122	ug/L	04/25/15 23:32	
2-Hexanone	<10.00	50.00	35.74	71	56-134	ug/L	04/25/15 23:32	
Isopropylbenzene	<1.000	50.00	51.08	102	80-128	ug/L	04/25/15 23:32	
Methyl Acetate	<10.00	50.00	39.99	80	47-145	ug/L	04/25/15 23:32	
Methylcyclohexane	<10.00	50.00	53.60	107	61-155	ug/L	04/25/15 23:32	
Methylene Chloride	<1.000	50.00	51.38	103	61-126	ug/L	04/25/15 23:32	
4-Methyl-2-Pentanone	<5.000	50.00	44.52	89	45-145	ug/L	04/25/15 23:32	
Methyl-t-butyl ether	<1.000	50.00	30.29	61	30-168	ug/L	04/25/15 23:32	
Naphthalene	<1.000	50.00	47.57	95	46-154	ug/L	04/25/15 23:32	
Styrene	<1.000	50.00	47.88	96	73-118	ug/L	04/25/15 23:32	
1,1,2,2-Tetrachloroethane	<1.000	50.00	47.05	94	71-126	ug/L	04/25/15 23:32	
Tetrachloroethene	<1.000	50.00	58.25	117	78-113	ug/L	04/25/15 23:32	H
Toluene	<1.000	50.00	54.17	108	77-123	ug/L	04/25/15 23:32	
1,2,3-Trichlorobenzene	<1.000	50.00	51.90	104	66-140	ug/L	04/25/15 23:32	
1,2,4-Trichlorobenzene	<1.000	50.00	54.53	109	72-143	ug/L	04/25/15 23:32	
1,1,1-Trichloroethane	<1.000	50.00	54.87	110	66-133	ug/L	04/25/15 23:32	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B

Seq Number: 122139 Matrix: Water Date Prep: 04/25/15

MB Sample Id: 55164-1-BLK LCS Sample Id: 55164-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	49.96	100	72-128	ug/L	04/25/15 23:32	
Trichloroethene	<1.000	50.00	56.68	113	72-127	ug/L	04/25/15 23:32	
Trichlorofluoromethane	<5.000	50.00	47.02	94	45-130	ug/L	04/25/15 23:32	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	45.55	91	56-126	ug/L	04/25/15 23:32	
Vinyl Chloride	<1.000	50.00	45.06	90	64-132	ug/L	04/25/15 23:32	
m,p-Xylenes	<2.000	100	109.5	110	78-119	ug/L	04/25/15 23:32	
o-Xylene	<1.000	50.00	49.83	100	79-123	ug/L	04/25/15 23:32	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	94		94		81-133	%	04/25/15 23:32
Dibromofluoromethane	106		104		84-110	%	04/25/15 23:32
Toluene-D8	100		95		94-109	%	04/25/15 23:32

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122146 Matrix: Water Date Prep: 04/26/15
MB Sample Id: 55174-1-BLK LCS Sample Id: 55174-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<10.00	50.00	40.43	81	53-146	ug/L	04/26/15 11:44	
tert-Amyl alcohol	<20.00	50.00	26.68	53	27-139	ug/L	04/26/15 11:44	
tert-Amyl ethyl ether	<10.00	50.00	31.10	62	60-121	ug/L	04/26/15 11:44	
tert-Amyl methyl ether	<10.00	50.00	35.65	71	61-129	ug/L	04/26/15 11:44	
Benzene	<1.000	50.00	54.46	109	77-122	ug/L	04/26/15 11:44	
Bromochloromethane	<1.000	50.00	50.82	102	71-122	ug/L	04/26/15 11:44	
Bromodichloromethane	<1.000	50.00	52.38	105	76-122	ug/L	04/26/15 11:44	
Bromoform	<5.000	50.00	48.13	96	69-115	ug/L	04/26/15 11:44	
Bromomethane	<1.000	50.00	48.37	97	40-147	ug/L	04/26/15 11:44	
tert-Butyl alcohol	<20.00	50.00	38.27	77	15-150	ug/L	04/26/15 11:44	
2-Butanone (MEK)	<10.00	50.00	44.65	89	56-133	ug/L	04/26/15 11:44	
tert-Butyl ethyl ether	<10.00	50.00	40.85	82	62-137	ug/L	04/26/15 11:44	
Carbon Disulfide	<10.00	50.00	51.27	103	62-134	ug/L	04/26/15 11:44	
Carbon Tetrachloride	<1.000	50.00	50.78	102	74-127	ug/L	04/26/15 11:44	
Chlorobenzene	<1.000	50.00	54.12	108	76-116	ug/L	04/26/15 11:44	
Chloroethane	<1.000	50.00	46.49	93	59-132	ug/L	04/26/15 11:44	
Chloroform	<1.000	50.00	50.17	100	71-118	ug/L	04/26/15 11:44	
Chloromethane	<1.000	50.00	44.06	88	62-131	ug/L	04/26/15 11:44	
Cyclohexane	<10.00	50.00	50.62	101	46-150	ug/L	04/26/15 11:44	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	43.99	88	59-135	ug/L	04/26/15 11:44	
Dibromochloromethane	<1.000	50.00	47.71	95	75-114	ug/L	04/26/15 11:44	
1,2-Dibromoethane (EDB)	<1.000	50.00	51.20	102	78-121	ug/L	04/26/15 11:44	
1,2-Dichlorobenzene	<1.000	50.00	55.71	111	80-122	ug/L	04/26/15 11:44	
1,3-Dichlorobenzene	<1.000	50.00	56.08	112	80-122	ug/L	04/26/15 11:44	
1,4-Dichlorobenzene	<1.000	50.00	55.10	110	77-118	ug/L	04/26/15 11:44	
Dichlorodifluoromethane	<1.000	50.00	55.41	111	54-139	ug/L	04/26/15 11:44	
1,1-Dichloroethane	<1.000	50.00	49.74	99	51-136	ug/L	04/26/15 11:44	
1,2-Dichloroethane	<1.000	50.00	49.73	99	64-130	ug/L	04/26/15 11:44	
1,1-Dichloroethene	<1.000	50.00	50.95	102	59-123	ug/L	04/26/15 11:44	
cis-1,2-Dichloroethene	<1.000	50.00	53.22	106	77-119	ug/L	04/26/15 11:44	
1,2-Dichloropropane	<1.000	50.00	49.76	100	75-125	ug/L	04/26/15 11:44	
cis-1,3-Dichloropropene	<1.000	50.00	51.35	103	74-123	ug/L	04/26/15 11:44	
trans-1,3-Dichloropropene	<1.000	50.00	51.19	102	73-116	ug/L	04/26/15 11:44	
trans-1,2-Dichloroethene	<1.000	50.00	53.32	107	58-134	ug/L	04/26/15 11:44	
Diisopropyl ether	<10.00	50.00	48.16	96	48-146	ug/L	04/26/15 11:44	
Ethylbenzene	<1.000	50.00	54.19	108	79-122	ug/L	04/26/15 11:44	
2-Hexanone	<10.00	50.00	40.08	80	56-134	ug/L	04/26/15 11:44	
Isopropylbenzene	<1.000	50.00	57.85	116	80-128	ug/L	04/26/15 11:44	
Methyl Acetate	<10.00	50.00	41.51	83	47-145	ug/L	04/26/15 11:44	
Methylcyclohexane	<10.00	50.00	53.29	107	61-155	ug/L	04/26/15 11:44	
Methylene Chloride	<1.000	50.00	44.86	90	61-126	ug/L	04/26/15 11:44	
4-Methyl-2-Pentanone	<5.000	50.00	46.10	92	45-145	ug/L	04/26/15 11:44	
Methyl-t-butyl ether	<1.000	50.00	44.65	89	30-168	ug/L	04/26/15 11:44	
Naphthalene	<1.000	50.00	40.35	81	46-154	ug/L	04/26/15 11:44	
Styrene	<1.000	50.00	55.09	110	73-118	ug/L	04/26/15 11:44	
1,1,2,2-Tetrachloroethane	<1.000	50.00	51.51	103	71-126	ug/L	04/26/15 11:44	
Tetrachloroethene	<1.000	50.00	52.08	104	78-113	ug/L	04/26/15 11:44	
Toluene	<1.000	50.00	53.28	107	77-123	ug/L	04/26/15 11:44	
1,2,3-Trichlorobenzene	<1.000	50.00	48.86	98	66-140	ug/L	04/26/15 11:44	
1,2,4-Trichlorobenzene	<1.000	50.00	52.57	105	72-143	ug/L	04/26/15 11:44	
1,1,1-Trichloroethane	<1.000	50.00	51.14	102	66-133	ug/L	04/26/15 11:44	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B

Prep Method: SW5030B

Seq Number: 122146

Matrix: Water

Date Prep: 04/26/15

MB Sample Id: 55174-1-BLK

LCS Sample Id: 55174-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	49.42	99	72-128	ug/L	04/26/15 11:44	
Trichloroethene	<1.000	50.00	52.12	104	72-127	ug/L	04/26/15 11:44	
Trichlorofluoromethane	<5.000	50.00	54.20	108	45-130	ug/L	04/26/15 11:44	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	48.92	98	56-126	ug/L	04/26/15 11:44	
Vinyl Chloride	<1.000	50.00	48.18	96	64-132	ug/L	04/26/15 11:44	
m,p-Xylenes	<2.000	100	109.2	109	78-119	ug/L	04/26/15 11:44	
o-Xylene	<1.000	50.00	55.13	110	79-123	ug/L	04/26/15 11:44	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	103		99		81-133	%	04/26/15 11:44
Dibromofluoromethane	99		100		84-110	%	04/26/15 11:44
Toluene-D8	97		97		94-109	%	04/26/15 11:44

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/15
Parent Sample Id: 15042314-005 MS Sample Id: 15042314-005 S MSD Sample Id: 15042314-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<10.00	50.00	47.30	95	54.31	109	41-161	14	25	ug/L	04/26/15 02:10	
tert-Amyl alcohol	<20.00	50.00	23.70	47	31.71	63	5-149	29	25	ug/L	04/26/15 02:10	F
tert-Amyl ethyl ether	<10.00	50.00	23.09	46	23.37	47	48-129	1	25	ug/L	04/26/15 02:10	X
tert-Amyl methyl ether	<10.00	50.00	24.09	48	26.03	52	50-139	8	25	ug/L	04/26/15 02:10	X
Benzene	<1.000	50.00	58.16	116	55.41	111	75-132	5	25	ug/L	04/26/15 02:10	
Bromochloromethane	<1.000	50.00	58.92	118	60.88	122	67-130	3	25	ug/L	04/26/15 02:10	
Bromodichloromethane	<1.000	50.00	54.00	108	52.87	106	69-134	2	25	ug/L	04/26/15 02:10	
Bromoform	<5.000	50.00	48.21	96	50.14	100	65-115	4	25	ug/L	04/26/15 02:10	
Bromomethane	<1.000	50.00	38.47	77	36.76	74	29-154	5	25	ug/L	04/26/15 02:10	
tert-Butyl alcohol	<20.00	50.00	37.99	76	40.81	82	1-183	7	25	ug/L	04/26/15 02:10	
2-Butanone (MEK)	<10.00	50.00	46.17	92	54.68	109	47-140	17	25	ug/L	04/26/15 02:10	
tert-Butyl ethyl ether	<10.00	50.00	25.84	52	27.36	55	55-141	6	25	ug/L	04/26/15 02:10	X
Carbon Disulfide	<10.00	50.00	58.58	117	55.39	111	59-146	6	25	ug/L	04/26/15 02:10	
Carbon Tetrachloride	<1.000	50.00	47.60	95	42.96	86	74-136	10	25	ug/L	04/26/15 02:10	
Chlorobenzene	<1.000	50.00	54.29	109	52.40	105	78-115	4	25	ug/L	04/26/15 02:10	
Chloroethane	<1.000	50.00	42.23	84	39.60	79	40-150	6	25	ug/L	04/26/15 02:10	
Chloroform	<1.000	50.00	52.86	106	51.25	103	67-130	3	25	ug/L	04/26/15 02:10	
Chloromethane	<1.000	50.00	39.49	79	36.79	74	59-144	7	25	ug/L	04/26/15 02:10	
Cyclohexane	<10.00	50.00	55.37	111	50.05	100	34-161	10	25	ug/L	04/26/15 02:10	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	43.93	88	48.51	97	45-125	10	25	ug/L	04/26/15 02:10	
Dibromochloromethane	<1.000	50.00	48.80	98	49.55	99	73-114	2	25	ug/L	04/26/15 02:10	
1,2-Dibromoethane (EDB)	<1.000	50.00	48.68	97	50.68	101	72-126	4	25	ug/L	04/26/15 02:10	
1,2-Dichlorobenzene	<1.000	50.00	56.79	114	55.31	111	73-117	3	25	ug/L	04/26/15 02:10	
1,3-Dichlorobenzene	<1.000	50.00	55.71	111	54.12	108	73-117	3	25	ug/L	04/26/15 02:10	
1,4-Dichlorobenzene	<1.000	50.00	55.63	111	53.93	108	72-111	3	25	ug/L	04/26/15 02:10	
Dichlorodifluoromethane	<1.000	50.00	47.40	95	41.30	83	47-159	14	25	ug/L	04/26/15 02:10	
1,1-Dichloroethane	<1.000	50.00	52.05	104	51.22	102	44-152	2	25	ug/L	04/26/15 02:10	
1,2-Dichloroethane	<1.000	50.00	49.97	100	50.32	101	60-142	1	25	ug/L	04/26/15 02:10	
1,1-Dichloroethene	<1.000	50.00	48.72	97	46.63	93	50-136	4	25	ug/L	04/26/15 02:10	
cis-1,2-Dichloroethene	<1.000	50.00	58.68	117	58.98	118	76-127	1	25	ug/L	04/26/15 02:10	
1,2-Dichloropropane	<1.000	50.00	51.19	102	49.46	99	70-139	3	25	ug/L	04/26/15 02:10	
cis-1,3-Dichloropropene	<1.000	50.00	43.85	88	42.72	85	64-127	3	25	ug/L	04/26/15 02:10	
trans-1,3-Dichloropropene	<1.000	50.00	42.33	85	42.11	84	62-123	1	25	ug/L	04/26/15 02:10	
trans-1,2-Dichloroethene	<1.000	50.00	62.16	124	61.73	123	54-144	1	25	ug/L	04/26/15 02:10	
Diisopropyl ether	<10.00	50.00	48.51	97	48.55	97	49-150	0	25	ug/L	04/26/15 02:10	
Ethylbenzene	<1.000	50.00	52.25	105	49.38	99	74-129	6	25	ug/L	04/26/15 02:10	
2-Hexanone	<10.00	50.00	36.72	73	41.23	82	50-130	12	25	ug/L	04/26/15 02:10	
Isopropylbenzene	<1.000	50.00	49.46	99	46.88	94	72-130	5	25	ug/L	04/26/15 02:10	
Methyl Acetate	<10.00	50.00	35.56	71	41.45	83	37-143	15	25	ug/L	04/26/15 02:10	
Methylcyclohexane	<10.00	50.00	55.15	110	50.15	100	55-148	9	25	ug/L	04/26/15 02:10	
Methylene Chloride	<1.000	50.00	51.80	104	50.53	101	56-137	2	25	ug/L	04/26/15 02:10	
4-Methyl-2-Pentanone	<5.000	50.00	43.93	88	49.43	99	44-133	12	25	ug/L	04/26/15 02:10	
Methyl-t-butyl ether	<1.000	50.00	30.55	61	33.27	67	22-182	9	25	ug/L	04/26/15 02:10	
Naphthalene	<1.000	50.00	46.14	92	51.88	104	7-137	12	25	ug/L	04/26/15 02:10	
Styrene	<1.000	50.00	46.95	94	45.70	91	67-121	3	25	ug/L	04/26/15 02:10	
1,1,2,2-Tetrachloroethane	<1.000	50.00	48.09	96	50.55	101	68-127	5	25	ug/L	04/26/15 02:10	
Tetrachloroethene	<1.000	50.00	58.36	117	54.19	108	69-126	7	25	ug/L	04/26/15 02:10	
Toluene	<1.000	50.00	54.84	110	52.22	104	74-132	5	25	ug/L	04/26/15 02:10	
1,2,3-Trichlorobenzene	<1.000	50.00	48.94	98	52.37	105	9-139	7	25	ug/L	04/26/15 02:10	
1,2,4-Trichlorobenzene	<1.000	50.00	50.70	101	51.97	104	31-135	2	25	ug/L	04/26/15 02:10	
1,1,1-Trichloroethane	<1.000	50.00	55.49	111	52.47	105	70-138	6	25	ug/L	04/26/15 02:10	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B

Seq Number: 122139 Matrix: Ground Water Date Prep: 04/25/15

Parent Sample Id: 15042314-005 MS Sample Id: 15042314-005 S MSD Sample Id: 15042314-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	51.57	103	51.80	104	65-143	0	25	ug/L	04/26/15 02:10	
Trichloroethene	<1.000	50.00	56.73	113	53.92	108	67-139	5	25	ug/L	04/26/15 02:10	
Trichlorofluoromethane	<5.000	50.00	49.39	99	45.37	91	37-147	8	25	ug/L	04/26/15 02:10	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	46.69	93	43.63	87	47-139	7	25	ug/L	04/26/15 02:10	
Vinyl Chloride	<1.000	50.00	45.23	90	40.21	80	60-146	12	25	ug/L	04/26/15 02:10	
m,p-Xylenes	<2.000	100	108.2	108	102.2	102	78-119	6	25	ug/L	04/26/15 02:10	
o-Xylene	<1.000	50.00	49.54	99	47.32	95	80-123	5	25	ug/L	04/26/15 02:10	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	94		93		81-133	%	04/26/15 02:10
Dibromofluoromethane	105		107		84-110	%	04/26/15 02:10
Toluene-D8	97		96		94-109	%	04/26/15 02:10

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122146 Matrix: Ground Water Date Prep: 04/26/15
Parent Sample Id: 15042314-014 MS Sample Id: 15042314-014 S MSD Sample Id: 15042314-014 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<10.00	50.00	41.54	83	40.57	81	41-161	2	25	ug/L	04/26/15 14:04	
tert-Amyl alcohol	<20.00	50.00	23.57	47	22.91	46	5-149	3	25	ug/L	04/26/15 14:04	
tert-Amyl ethyl ether	<10.00	50.00	29.39	59	27.69	55	48-129	6	25	ug/L	04/26/15 14:04	
tert-Amyl methyl ether	<10.00	50.00	33.84	68	32.30	65	50-139	5	25	ug/L	04/26/15 14:04	
Benzene	<1.000	50.00	53.00	106	49.33	99	75-132	7	25	ug/L	04/26/15 14:04	
Bromochloromethane	<1.000	50.00	49.83	100	46.95	94	67-130	6	25	ug/L	04/26/15 14:04	
Bromodichloromethane	<1.000	50.00	51.48	103	48.15	96	69-134	7	25	ug/L	04/26/15 14:04	
Bromoform	<5.000	50.00	47.25	95	45.08	90	65-115	5	25	ug/L	04/26/15 14:04	
Bromomethane	<1.000	50.00	48.46	97	44.22	88	29-154	9	25	ug/L	04/26/15 14:04	
tert-Butyl alcohol	<20.00	50.00	37.58	75	34.49	69	1-183	9	25	ug/L	04/26/15 14:04	
2-Butanone (MEK)	<10.00	50.00	45.53	91	44.82	90	47-140	2	25	ug/L	04/26/15 14:04	
tert-Butyl ethyl ether	<10.00	50.00	37.84	76	36.42	73	55-141	4	25	ug/L	04/26/15 14:04	
Carbon Disulfide	<10.00	50.00	49.47	99	46.13	92	59-146	7	25	ug/L	04/26/15 14:04	
Carbon Tetrachloride	<1.000	50.00	51.31	103	47.86	96	74-136	7	25	ug/L	04/26/15 14:04	
Chlorobenzene	<1.000	50.00	52.99	106	49.18	98	78-115	7	25	ug/L	04/26/15 14:04	
Chloroethane	<1.000	50.00	45.21	90	41.00	82	40-150	10	25	ug/L	04/26/15 14:04	
Chloroform	<1.000	50.00	50.47	101	47.00	94	67-130	7	25	ug/L	04/26/15 14:04	
Chloromethane	<1.000	50.00	43.80	88	40.42	81	59-144	8	25	ug/L	04/26/15 14:04	
Cyclohexane	<10.00	50.00	49.99	100	46.90	94	34-161	6	25	ug/L	04/26/15 14:04	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	43.81	88	41.69	83	45-125	5	25	ug/L	04/26/15 14:04	
Dibromochloromethane	<1.000	50.00	46.94	94	44.07	88	73-114	6	25	ug/L	04/26/15 14:04	
1,2-Dibromoethane (EDB)	<1.000	50.00	49.81	100	47.86	96	72-126	4	25	ug/L	04/26/15 14:04	
1,2-Dichlorobenzene	<1.000	50.00	53.89	108	50.79	102	73-117	6	25	ug/L	04/26/15 14:04	
1,3-Dichlorobenzene	<1.000	50.00	53.40	107	50.25	101	73-117	6	25	ug/L	04/26/15 14:04	
1,4-Dichlorobenzene	<1.000	50.00	52.97	106	49.64	99	72-111	6	25	ug/L	04/26/15 14:04	
Dichlorodifluoromethane	<1.000	50.00	56.37	113	53.76	108	47-159	5	25	ug/L	04/26/15 14:04	
1,1-Dichloroethane	<1.000	50.00	48.68	97	45.11	90	44-152	8	25	ug/L	04/26/15 14:04	
1,2-Dichloroethane	<1.000	50.00	49.01	98	46.58	93	60-142	5	25	ug/L	04/26/15 14:04	
1,1-Dichloroethene	<1.000	50.00	47.66	95	43.70	87	50-136	9	25	ug/L	04/26/15 14:04	
cis-1,2-Dichloroethene	<1.000	50.00	51.06	102	48.30	97	76-127	6	25	ug/L	04/26/15 14:04	
1,2-Dichloropropane	<1.000	50.00	48.30	97	45.32	91	70-139	6	25	ug/L	04/26/15 14:04	
cis-1,3-Dichloropropene	<1.000	50.00	48.72	97	45.84	92	64-127	6	25	ug/L	04/26/15 14:04	
trans-1,3-Dichloropropene	<1.000	50.00	49.04	98	46.38	93	62-123	6	25	ug/L	04/26/15 14:04	
trans-1,2-Dichloroethene	<1.000	50.00	51.99	104	48.52	97	54-144	7	25	ug/L	04/26/15 14:04	
Diisopropyl ether	<10.00	50.00	43.80	88	41.58	83	49-150	5	25	ug/L	04/26/15 14:04	
Ethylbenzene	<1.000	50.00	53.24	106	49.17	98	74-129	8	25	ug/L	04/26/15 14:04	
2-Hexanone	<10.00	50.00	42.53	85	41.97	84	50-130	1	25	ug/L	04/26/15 14:04	
Isopropylbenzene	<1.000	50.00	55.07	110	51.09	102	72-130	7	25	ug/L	04/26/15 14:04	
Methyl Acetate	<10.00	50.00	37.55	75	36.87	74	37-143	2	25	ug/L	04/26/15 14:04	
Methylcyclohexane	<10.00	50.00	53.14	106	51.21	102	55-148	4	25	ug/L	04/26/15 14:04	
Methylene Chloride	<1.000	50.00	43.56	87	40.71	81	56-137	7	25	ug/L	04/26/15 14:04	
4-Methyl-2-Pentanone	<5.000	50.00	46.21	92	45.75	92	44-133	1	25	ug/L	04/26/15 14:04	
Methyl-t-butyl ether	<1.000	50.00	41.73	83	40.26	81	22-182	4	25	ug/L	04/26/15 14:04	
Naphthalene	<1.000	50.00	38.77	78	37.79	76	7-137	3	25	ug/L	04/26/15 14:04	
Styrene	<1.000	50.00	53.04	106	49.35	99	67-121	7	25	ug/L	04/26/15 14:04	
1,1,2,2-Tetrachloroethane	<1.000	50.00	50.24	100	47.93	96	68-127	5	25	ug/L	04/26/15 14:04	
Tetrachloroethene	<1.000	50.00	51.18	102	47.97	96	69-126	6	25	ug/L	04/26/15 14:04	
Toluene	<1.000	50.00	51.82	104	48.07	96	74-132	8	25	ug/L	04/26/15 14:04	
1,2,3-Trichlorobenzene	<1.000	50.00	46.13	92	44.97	90	9-139	3	25	ug/L	04/26/15 14:04	
1,2,4-Trichlorobenzene	<1.000	50.00	50.22	100	47.46	95	31-135	6	25	ug/L	04/26/15 14:04	
1,1,1-Trichloroethane	<1.000	50.00	52.35	105	48.99	98	70-138	7	25	ug/L	04/26/15 14:04	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042314

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B

Seq Number: 122146 Matrix: Ground Water Date Prep: 04/26/15

Parent Sample Id: 15042314-014 MS Sample Id: 15042314-014 S MSD Sample Id: 15042314-014 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	43.69	87	46.18	92	65-143	6	25	ug/L	04/26/15 14:04	
Trichloroethene	<1.000	50.00	51.88	104	48.54	97	67-139	7	25	ug/L	04/26/15 14:04	
Trichlorofluoromethane	<5.000	50.00	57.30	115	52.69	105	37-147	8	25	ug/L	04/26/15 14:04	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	48.99	98	46.37	93	47-139	5	25	ug/L	04/26/15 14:04	
Vinyl Chloride	<1.000	50.00	48.38	97	44.39	89	60-146	9	25	ug/L	04/26/15 14:04	
m,p-Xylenes	<2.000	100	107	107	98.91	99	78-119	8	25	ug/L	04/26/15 14:04	
o-Xylene	<1.000	50.00	54.14	108	49.81	100	80-123	8	25	ug/L	04/26/15 14:04	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	98		98		81-133	%	04/26/15 14:04
Dibromofluoromethane	102		102		84-110	%	04/26/15 14:04
Toluene-D8	98		98		94-109	%	04/26/15 14:04

F = RPD exceeded the laboratory control limits
X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits
L = Recovery of BS,BSD or both below the laboratory control limits

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)

*CLIENT: AMM *OFFICE LOC. WILMINGTON

*PROJECT MGR: KEN HANNON *PHONE NO.: (302) 656-9600

EMAIL: K.HANNON@BRIGHTFIELD FAX NO.: ( )

*PROJECT NAME: CRHC PROJECT NO.:

SITE LOCATION: CHESTERTOWN, MD P.O. NO.:

SAMPLER(S): R. MORTEL, M. ATTERBURY DW CERT NO.:

PSS Work Order #: 15042314 PAGE 1 OF 2

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	DRO VIA 8015	GRO VIA 8015	VOC VIA 8260	FUEL OXYGENATES								REMARKS
	Preservatives Used																	
	Analysis/ Method Required (3) *																	
1	MW29	4/22/15	1235	GW	5	G	X	X	X	X								
2	MW28		1235				X	X	X	X								
3	MW18		1245				X	X	X	X								
4	MW25		1245				X	X	X	X								
5	MW13		1255				X	X	X	X								
6	MW24		1255				X	X	X	X								
7	MW16	4/23/15	1150				X	X	X	X								8°
8	MW15		1150				X	X	X	X								
9	MW17		1205				X	X	X	X								
10	MW33		1205				X	X	X	X								COT 4/23/15

(5)

Relinquished By: (1)	Date	Time	Received By:
R. Mortel	4/23/15	1510	B. Broome
Relinquished By: (2)	Date	Time	Received By:
B. Broome	"	1845	COT
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

*Requested TAT (One TAT per COC)
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:
COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER _____

Special Instructions:

DW COMPLIANCE? YES ☐

EDD FORMAT TYPE _____

STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER _____

# of Coolers: 3

Custody Seal: absent

Ice Present: Yes Temp: 6, 3, 8

Shipping Carrier: TTE

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary. * = REQUIRED

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)
*CLIENT: UMM *OFFICE LOC. WILMINGTON, DE
*PROJECT MGR: KEN HANNON *PHONE NO.: 302 656-9600
EMAIL: KHANNON@BRIGHTFIELDS FAX NO.: ( )
*PROJECT NAME: CRHC PROJECT NO.:
SITE LOCATION: CHESTERTOWN, MD P.O. NO.:
SAMPLER(S): R MORTL, M ATTERBURY DW CERT NO.:

PSS Work Order #: 15042314 PAGE 2 OF 2

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	DRO VA 8015	GRO VA 8015	VOC VA 8260	FULL OXYGENATES								REMARKS
Preservatives Used																		
Analysis/ Method Required (3) *																		
11	MW34	4/23/15	1225	GW	5	G	X	X	X	X								8° cot
12	MW35	↓	1225	↓	↓	↓	X	X	X	X								8° cot 4/23/15
13	MW20		1245				X	X	X	X								
14	MW19		1245				X	X	X	X								
15	MW21		1310				X	X	X	X								
16	MW32	↓	1310	↓	↓	↓	X	X	X	X								

(5)

Relinquished By: (1)	Date	Time	Received By:
[signature]	4/23/15	1540	D. Broome
Relinquished By: (2)	Date	Time	Received By:
D. Broome	"	1845	[signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)
*Requested TAT (One TAT per COC): ☑ 5-Day ☐ 3-Day ☐ 2-Day ☐ Next Day ☐ Emergency ☐ Other
Data Deliverables Required: COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER ____
# of Coolers: 3
Custody Seal: absent
Ice Present: Yes Temp: 6, 3, 8
Shipping Carrier: TTE
Special Instructions:
DW COMPLIANCE? YES ☐
EDD FORMAT TYPE ____
STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER ____

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary. * = REQUIRED

Phase Separation Science, Inc

Sample Receipt Checklist

Work Order #	15042314	**Received By**	Cathy Thompson
Client Name	UMM Shore Regional Health at Ches	**Date Received**	04/23/2015 06:45:00 PM
Project Name	CRHC	**Delivered By**	Trans Time Express
Disposal Date	05/28/2015	**Tracking No**	Not Applicable
		Logged In By	Rachel Davis

Shipping Container(s)

No. of Coolers 3

		Ice	Present
Custody Seal(s) Intact?	N/A	Temp (deg C)	3
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No
		Ice	Present
Custody Seal(s) Intact?	N/A	Temp (deg C)	6
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No
		Ice	Present
Custody Seal(s) Intact?	N/A	Temp (deg C)	8
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No

Documentation

		Sampler Name	R. Mortel
COC agrees with sample labels?	Yes	MD DW Cert. No.	N/A
Chain of Custody	Yes		

Sample Container

		Custody Seal(s) Intact?	Not Applicable
Appropriate for Specified Analysis?	Yes	Seal(s) Signed / Dated	Not Applicable
Intact?	Yes		
Labeled and Labels Legible?	Yes		

Total No. of Samples Received 16

Total No. of Containers Received 80

Preservation

Metals	(pH<2)	N/A
Cyanides	(pH>12)	N/A
Sulfide	(pH>9)	N/A
TOC, COD, Phenols	(pH<2)	N/A
TOX, TKN, NH3, Total Phos	(pH<2)	N/A
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	Yes
Do VOA vials have zero headspace?		Yes
624 VOC (Rcvd at least one unpreserved VOA vial)		N/A

Phase Separation Science, Inc

Sample Receipt Checklist

Work Order #	15042314	**Received By**	Cathy Thompson
Client Name	UMM Shore Regional Health at Ches	**Date Received**	04/23/2015 06:45:00 PM
Project Name	CRHC	**Delivered By**	Trans Time Express
Disposal Date	05/28/2015	**Tracking No**	Not Applicable
		Logged In By	Rachel Davis

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling. Samples which require thermal preservation shall be considered acceptable when received at a temperature above freezing to 6°C. Samples that are hand delivered on the day that they are collected may not meet these criteria but shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice.

Samples Inspected/Checklist Completed By: Rachel Davis — Date: 04/24/2015

PM Review and Approval: Lynn Jackson — Date: 04/27/2015

Analytical Report for

UMM Shore Regional Health at Chestertown

Certificate of Analysis No.: 15042407

Project Manager: Ken Hannon

Project Name : CRHC

Project Location: Chestertown, MD

May 1, 2015

Phase Separation Science, Inc.

6630 Baltimore National Pike
Baltimore, MD 21228
Phone: (410) 747-8770
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6630 BALTIMORE NATIONAL PIKE
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BALTIMORE, MD 21228
410-747-8770
800-932-9047
FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.

May 1, 2015

Ken Hannon
UMM Shore Regional Health at Chestertown
100 Brown Street
Chestertown, MD 21620

Reference: PSS Work Order(s) No: **15042407**
Project Name: CRHC
Project Location: Chestertown, MD

Dear Ken Hannon :

This report includes the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order(s) numbered **15042407**.

All work reported herein has been performed in accordance with current NELAP standards, referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual unless otherwise noted in the Case Narrative Summary. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on May 29, 2015. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 5 years, after which time it will be disposed of without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Sincerely,

Dan Prucnal
Laboratory Manager

Sample Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15042407

The following samples were received under chain of custody by Phase Separation Science (PSS) on 04/24/2015 at 02:15 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
15042407-001	MW11	GROUND WATER	04/23/15 14:10
15042407-002	MW45	GROUND WATER	04/23/15 14:10
15042407-003	MW13	GROUND WATER	04/23/15 14:30
15042407-004	MW14	GROUND WATER	04/23/15 15:00
15042407-005	MW41	GROUND WATER	04/23/15 15:00
15042407-006	MW12	GROUND WATER	04/23/15 15:15
15042407-007	MW40	GROUND WATER	04/23/15 15:15
15042407-008	MW43	GROUND WATER	04/24/15 09:05
15042407-009	MW46	GROUND WATER	04/24/15 09:05
15042407-010	MW42	GROUND WATER	04/24/15 09:25
15042407-011	MW9	GROUND WATER	04/24/15 09:25
15042407-012	MW10R	GROUND WATER	04/24/15 09:35
15042407-013	MW31R	GROUND WATER	04/24/15 09:35
15042407-014	MW44	GROUND WATER	04/24/15 09:40
15042407-015	MW48	GROUND WATER	04/24/15 10:00
15042407-016	MW50	GROUND WATER	04/24/15 10:00
15042407-017	MW47	GROUND WATER	04/24/15 10:10
15042407-018	MW49	GROUND WATER	04/24/15 10:10
15042407-019	MW4	GROUND WATER	04/24/15 10:30
15042407-020	MW3	GROUND WATER	04/24/15 10:35
15042407-021	MW1	GROUND WATER	04/24/15 10:40
15042407-022	MW2	GROUND WATER	04/24/15 10:45
15042407-023	MW5	GROUND WATER	04/24/15 10:50
15042407-024	MW37	GROUND WATER	04/24/15 11:00
15042407-025	RW2D	GROUND WATER	04/24/15 11:15
15042407-026	RW3B	GROUND WATER	04/24/15 11:20
15042407-027	RW4	GROUND WATER	04/24/15 11:25
15042407-028	RW5	GROUND WATER	04/24/15 11:30
15042407-029	RW6	GROUND WATER	04/24/15 11:35
15042407-030	MW22	GROUND WATER	04/24/15 11:40
15042407-031	SYS EFF	GROUND WATER	04/24/15 11:45

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in Case Narrative Summary.

Sample Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15042407

Notes:

1. The presence of a common laboratory contaminant such as methylene chloride may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. Unless otherwise noted in the case narrative, results are reported on a dry weight basis with the exception of pH, flashpoint, moisture, and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].
4. The analyses of 1,2-dibromo-3-chloropropane (DBCP) and 1,2-dibromoethane (EDB) by EPA 524.2 and calcium, magnesium, sodium and iron by EPA 200.8 are not currently promulgated for use in testing to meet the Safe Drinking Water Act and as such cannot be used for compliance purposes. The listings of the current promulgated methods for testing in compliance with the Safe Drinking Water Act can be found in the 40 CFR part 141.1, for the primary drinking water contaminates, and part 141.3, for the secondary drinking water contaminates.
5. Sample prepared under EPA 3550C with concentrations greater than 20 mg/Kg should employ the microtip extraction procedure if required to meet data quality objectives.
6. The analysis of acrolein by EPA 624 must be analyzed within three days of sampling unless pH is adjusted to 4-5 units [40 CFR part 136.3(e)].
7. Method 180.1, The Determination of Turbidity by Nephelometry, recommends samples over 40 NTU be diluted until the turbidity falls below 40 units. Routine samples over 40 NTU may not be diluted as long as the data quality objectives are not affected.
8. Alkalinity results analyzed by EPA 310.2 that are reported by dilution are estimated and are not in compliance with method requirements.

Standard Flags/Abbreviations:

B	A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C	Results Pending Final Confirmation.
E	The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
Fail	The result exceeds the regulatory level for Toxicity Characteristic (TCLP) as cited in 40 CFR 261.24 Table 1.
J	The target analyte was positively identified below the reporting limit but greater than the MDL.
MDL	This is the Laboratory Method Detection Limit which is equivalent to the Limit of Detection (LOD). The LOD is an estimate of the minimum amount of a substance that an analytical process can reliably detect. This value will remain constant across multiple similar instrumentation and among different analysts. An LOD is analyte and matrix specific.
ND	Not Detected at or above the reporting limit.
RL	PSS Reporting Limit.
U	Not detected.

Certifications:

NELAP Certifications: PA 68-03330, VA 460156
State Certifications: MD 179, WV 303
Regulated Soil Permit: P330-12-00268
NSWC USCG Accepted Laboratory
LDBE MWAA LD1997-0041-2015

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW11 **Date/Time Sampled: 04/23/2015 14:10** **PSS Sample ID: 15042407-001**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.12**	mg/L	0.10		1	04/27/15	04/27/15 20:32	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 11:22	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW11 **Date/Time Sampled: 04/23/2015 14:10** **PSS Sample ID: 15042407-001**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 13:13	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 13:13	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 13:13	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW11 **Date/Time Sampled: 04/23/2015 14:10** **PSS Sample ID: 15042407-001**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 13:13	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 13:13	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 13:13	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 13:13	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 13:13	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW45 **Date/Time Sampled: 04/23/2015 14:10** **PSS Sample ID: 15042407-002**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/27/15	04/27/15 20:32	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 11:47	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW45 **Date/Time Sampled: 04/23/2015 14:10** **PSS Sample ID: 15042407-002**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 16:44	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 16:44	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 16:44	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW45 **Date/Time Sampled: 04/23/2015 14:10** **PSS Sample ID: 15042407-002**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 16:44	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 16:44	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 16:44	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 16:44	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 16:44	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW13 **Date/Time Sampled: 04/23/2015 14:30** **PSS Sample ID: 15042407-003**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.63**	mg/L	0.11		1	04/27/15	04/27/15 21:03	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 12:13	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW13 **Date/Time Sampled: 04/23/2015 14:30** **PSS Sample ID: 15042407-003**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 17:19	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 17:19	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 17:19	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW13 **Date/Time Sampled: 04/23/2015 14:30** **PSS Sample ID: 15042407-003**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 17:19	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 17:19	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 17:19	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 17:19	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:19	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW14 **Date/Time Sampled: 04/23/2015 15:00** **PSS Sample ID: 15042407-004**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**19**	mg/L	0.50		5	04/27/15	04/28/15 13:47	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**260**	ug/L	100		1	04/27/15	04/27/15 12:39	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW14 **Date/Time Sampled: 04/23/2015 15:00** **PSS Sample ID: 15042407-004**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 17:55	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 17:55	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 17:55	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW14 **Date/Time Sampled: 04/23/2015 15:00** **PSS Sample ID: 15042407-004**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
Ethylbenzene	**10**	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
Isopropylbenzene	**4.4**	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 17:55	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 17:55	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Naphthalene	**59**	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 17:55	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 17:55	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 17:55	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW41 **Date/Time Sampled: 04/23/2015 15:00** **PSS Sample ID: 15042407-005**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**3.7**	mg/L	0.10		1	04/27/15	04/27/15 21:34	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 13:05	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW41 **Date/Time Sampled: 04/23/2015 15:00** **PSS Sample ID: 15042407-005**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	**25**	ug/L	10		1	04/26/15	04/26/15 19:20	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 19:20	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/26/15 19:20	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 19:20	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW41 **Date/Time Sampled: 04/23/2015 15:00** **PSS Sample ID: 15042407-005**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 19:20	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/26/15 19:20	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/26/15 19:20	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/26/15 19:20	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:20	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW12 **Date/Time Sampled: 04/23/2015 15:15** **PSS Sample ID: 15042407-006**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.17**	mg/L	0.11		1	04/27/15	04/27/15 21:34	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 13:30	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW12 **Date/Time Sampled: 04/23/2015 15:15** **PSS Sample ID: 15042407-006**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 19:06	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 19:06	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 19:06	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW12 **Date/Time Sampled: 04/23/2015 15:15** **PSS Sample ID: 15042407-006**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 19:06	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 19:06	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 19:06	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 19:06	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:06	1011

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW40 **Date/Time Sampled: 04/23/2015 15:15** **PSS Sample ID: 15042407-007**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**1.9**	mg/L	0.10		1	04/27/15	04/27/15 22:06	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 13:56	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW40 **Date/Time Sampled: 04/23/2015 15:15** **PSS Sample ID: 15042407-007**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 19:42	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 19:42	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 19:42	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW40 **Date/Time Sampled: 04/23/2015 15:15** **PSS Sample ID: 15042407-007**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 19:42	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 19:42	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 19:42	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 19:42	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 19:42	1011

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW43 **Date/Time Sampled: 04/24/2015 09:05** **PSS Sample ID: 15042407-008**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	04/27/15	04/27/15 22:06	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 14:21	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW43 **Date/Time Sampled: 04/24/2015 09:05** **PSS Sample ID: 15042407-008**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 20:18	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 20:18	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 20:18	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW43 **Date/Time Sampled: 04/24/2015 09:05** **PSS Sample ID: 15042407-008**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 20:18	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 20:18	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 20:18	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 20:18	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:18	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW46 **Date/Time Sampled: 04/24/2015 09:05** **PSS Sample ID: 15042407-009**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**37**	mg/L	1.0		10	04/27/15	04/28/15 12:44	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**220**	ug/L	100		1	04/27/15	04/27/15 14:47	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW46 **Date/Time Sampled: 04/24/2015 09:05** **PSS Sample ID: 15042407-009**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 20:54	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/25/15 20:54	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/25/15 20:54	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW46 **Date/Time Sampled: 04/24/2015 09:05** **PSS Sample ID: 15042407-009**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
Ethylbenzene	**1.2**	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
Isopropylbenzene	**8.6**	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/25/15 20:54	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/25/15 20:54	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Naphthalene	**24**	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/25/15 20:54	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/25/15 20:54	1011
o-Xylene	**5.1**	ug/L	1.0		1	04/25/15	04/25/15 20:54	1011

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW42 **Date/Time Sampled: 04/24/2015 09:25** **PSS Sample ID: 15042407-010**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.23**	mg/L	0.10		1	04/27/15	04/27/15 22:37	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 15:12	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW42 **Date/Time Sampled: 04/24/2015 09:25** **PSS Sample ID: 15042407-010**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 02:13	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 02:13	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 02:13	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW42 **Date/Time Sampled: 04/24/2015 09:25** **PSS Sample ID: 15042407-010**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 02:13	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 02:13	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 02:13	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 02:13	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 02:13	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW9 **Date/Time Sampled: 04/24/2015 09:25** **PSS Sample ID: 15042407-011**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**3.1**	mg/L	0.10		1	04/27/15	04/27/15 23:08	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 15:38	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW9 **Date/Time Sampled: 04/24/2015 09:25** **PSS Sample ID: 15042407-011**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 04:35	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 04:35	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 04:35	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW9 **Date/Time Sampled: 04/24/2015 09:25** **PSS Sample ID: 15042407-011**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 04:35	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 04:35	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Naphthalene	**3.2**	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 04:35	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 04:35	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 04:35	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW10R **Date/Time Sampled: 04/24/2015 09:35** **PSS Sample ID: 15042407-012**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.12**	mg/L	0.10		1	04/27/15	04/27/15 23:08	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 16:03	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW10R **Date/Time Sampled: 04/24/2015 09:35** **PSS Sample ID: 15042407-012**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 05:11	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 05:11	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 05:11	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW10R **Date/Time Sampled: 04/24/2015 09:35** **PSS Sample ID: 15042407-012**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 05:11	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 05:11	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 05:11	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 05:11	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:11	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW31R **Date/Time Sampled: 04/24/2015 09:35** **PSS Sample ID: 15042407-013**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	04/27/15	04/27/15 23:39	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 16:29	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW31R **Date/Time Sampled: 04/24/2015 09:35** **PSS Sample ID: 15042407-013**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 05:46	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 05:46	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 05:46	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW31R **Date/Time Sampled: 04/24/2015 09:35** **PSS Sample ID: 15042407-013**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 05:46	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 05:46	1011
Methyl-t-butyl ether	**2.4**	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 05:46	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 05:46	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 05:46	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW44 **Date/Time Sampled: 04/24/2015 09:40** **PSS Sample ID: 15042407-014**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	04/27/15	04/27/15 23:39	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 16:54	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW44 **Date/Time Sampled: 04/24/2015 09:40** **PSS Sample ID: 15042407-014**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 06:21	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 06:21	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 06:21	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW44 **Date/Time Sampled: 04/24/2015 09:40** **PSS Sample ID: 15042407-014**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 06:21	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 06:21	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 06:21	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 06:21	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:21	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW48 **Date/Time Sampled: 04/24/2015 10:00** **PSS Sample ID: 15042407-015**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	04/27/15	04/28/15 01:13	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 17:20	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW48 **Date/Time Sampled: 04/24/2015 10:00** **PSS Sample ID: 15042407-015**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 06:57	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 06:57	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 06:57	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW48 **Date/Time Sampled: 04/24/2015 10:00** **PSS Sample ID: 15042407-015**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 06:57	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 06:57	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 06:57	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 06:57	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 06:57	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW50 **Date/Time Sampled: 04/24/2015 10:00** **PSS Sample ID: 15042407-016**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/27/15	04/28/15 01:13	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 17:46	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW50 **Date/Time Sampled: 04/24/2015 10:00** **PSS Sample ID: 15042407-016**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 07:33	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 07:33	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 07:33	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW50 **Date/Time Sampled: 04/24/2015 10:00** **PSS Sample ID: 15042407-016**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 07:33	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 07:33	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 07:33	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 07:33	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 07:33	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW47 **Date/Time Sampled: 04/24/2015 10:10** **PSS Sample ID: 15042407-017**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**21**	mg/L	0.50		5	04/27/15	04/28/15 13:47	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**220**	ug/L	100		1	04/27/15	04/27/15 18:11	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW47 **Date/Time Sampled: 04/24/2015 10:10** **PSS Sample ID: 15042407-017**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 09:18	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
Benzene	**4.2**	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 09:18	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 09:18	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW47 **Date/Time Sampled: 04/24/2015 10:10** **PSS Sample ID: 15042407-017**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
Ethylbenzene	**2.8**	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
Isopropylbenzene	**6.0**	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 09:18	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 09:18	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Naphthalene	**29**	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 09:18	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 09:18	1011
o-Xylene	**5.1**	ug/L	1.0		1	04/25/15	04/26/15 09:18	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW49 **Date/Time Sampled: 04/24/2015 10:10** **PSS Sample ID: 15042407-018**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	04/27/15	04/28/15 01:44	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 18:36	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW49 **Date/Time Sampled: 04/24/2015 10:10** **PSS Sample ID: 15042407-018**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 08:07	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 08:07	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 08:07	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW49 **Date/Time Sampled: 04/24/2015 10:10** **PSS Sample ID: 15042407-018**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 08:07	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 08:07	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 08:07	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 08:07	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:07	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW4 **Date/Time Sampled: 04/24/2015 10:30** **PSS Sample ID: 15042407-019**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	04/27/15	04/28/15 02:15	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 19:01	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW4 **Date/Time Sampled: 04/24/2015 10:30** **PSS Sample ID: 15042407-019**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 08:42	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
Benzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Bromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Bromoform	ND	ug/L	5.0		1	04/25/15	04/26/15 08:42	1011
Bromomethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/25/15	04/26/15 08:42	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
Carbon Disulfide	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Chlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Chloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Chloroform	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Chloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Cyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW4 **Date/Time Sampled: 04/24/2015 10:30** **PSS Sample ID: 15042407-019**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Diisopropyl ether	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
Ethylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
2-Hexanone	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Methyl Acetate	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
Methylcyclohexane	ND	ug/L	10		1	04/25/15	04/26/15 08:42	1011
Methylene Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/25/15	04/26/15 08:42	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Naphthalene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Styrene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Toluene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Trichloroethene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/25/15	04/26/15 08:42	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/25/15	04/26/15 08:42	1011
o-Xylene	ND	ug/L	1.0		1	04/25/15	04/26/15 08:42	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW3 **Date/Time Sampled: 04/24/2015 10:35** **PSS Sample ID: 15042407-020**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.26**	mg/L	0.10		1	04/27/15	04/28/15 02:15	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/27/15	04/27/15 19:27	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW3 **Date/Time Sampled: 04/24/2015 10:35** **PSS Sample ID: 15042407-020**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 19:55	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/26/15 19:55	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 19:55	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW3 **Date/Time Sampled: 04/24/2015 10:35** **PSS Sample ID: 15042407-020**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 19:55	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/26/15 19:55	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/26/15 19:55	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/26/15 19:55	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/26/15 19:55	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW1 **Date/Time Sampled: 04/24/2015 10:40** **PSS Sample ID: 15042407-021**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**2.7**	mg/L	0.10		1	04/28/15	04/28/15 17:11	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 12:55	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW1 **Date/Time Sampled: 04/24/2015 10:40** **PSS Sample ID: 15042407-021**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 20:30	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/26/15 20:30	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 20:30	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW1 **Date/Time Sampled: 04/24/2015 10:40** **PSS Sample ID: 15042407-021**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 20:30	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/26/15 20:30	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/26/15 20:30	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/26/15 20:30	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/26/15 20:30	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW2 **Date/Time Sampled: 04/24/2015 10:45** **PSS Sample ID: 15042407-022**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**12**	mg/L	0.50		5	04/28/15	04/29/15 19:59	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 13:21	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW2 **Date/Time Sampled: 04/24/2015 10:45** **PSS Sample ID: 15042407-022**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	**21**	ug/L	10		1	04/26/15	04/26/15 21:06	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 21:06	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/26/15 21:06	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/26/15 21:06	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW2 **Date/Time Sampled: 04/24/2015 10:45** **PSS Sample ID: 15042407-022**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/26/15 21:06	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/26/15 21:06	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Tetrachloroethene	**1.1**	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/26/15 21:06	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/26/15 21:06	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/26/15 21:06	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW5 **Date/Time Sampled: 04/24/2015 10:50** **PSS Sample ID: 15042407-023**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	04/28/15	04/28/15 17:42	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 13:46	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW5 **Date/Time Sampled: 04/24/2015 10:50** **PSS Sample ID: 15042407-023**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 02:23	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/27/15 02:23	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 02:23	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW5 **Date/Time Sampled: 04/24/2015 10:50** **PSS Sample ID: 15042407-023**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 02:23	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/27/15 02:23	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/27/15 02:23	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/27/15 02:23	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/27/15 02:23	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW37 **Date/Time Sampled: 04/24/2015 11:00** **PSS Sample ID: 15042407-024**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**7.1**	mg/L	0.10		1	04/28/15	04/28/15 18:13	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 14:12	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW37 **Date/Time Sampled: 04/24/2015 11:00** **PSS Sample ID: 15042407-024**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 04:46	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/27/15 04:46	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 04:46	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW37 **Date/Time Sampled: 04/24/2015 11:00** **PSS Sample ID: 15042407-024**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 04:46	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/27/15 04:46	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Naphthalene	**1.4**	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/27/15 04:46	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/27/15 04:46	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/27/15 04:46	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW2D **Date/Time Sampled: 04/24/2015 11:15** **PSS Sample ID: 15042407-025**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.20**	mg/L	0.10		1	04/28/15	04/28/15 18:13	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 14:37	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW2D **Date/Time Sampled: 04/24/2015 11:15** **PSS Sample ID: 15042407-025**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 05:21	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/27/15 05:21	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 05:21	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW2D **Date/Time Sampled: 04/24/2015 11:15** **PSS Sample ID: 15042407-025**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 05:21	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/27/15 05:21	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Naphthalene	**2.1**	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/27/15 05:21	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/27/15 05:21	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:21	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW3B **Date/Time Sampled: 04/24/2015 11:20** **PSS Sample ID: 15042407-026**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.17**	mg/L	0.10		1	04/28/15	04/28/15 18:44	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 15:03	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW3B **Date/Time Sampled: 04/24/2015 11:20** **PSS Sample ID: 15042407-026**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 05:57	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/27/15 05:57	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 05:57	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW3B **Date/Time Sampled: 04/24/2015 11:20** **PSS Sample ID: 15042407-026**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 05:57	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/27/15 05:57	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/27/15 05:57	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/27/15 05:57	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/27/15 05:57	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW4 **Date/Time Sampled: 04/24/2015 11:25** **PSS Sample ID: 15042407-027**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.16**	mg/L	0.10		1	04/28/15	04/28/15 18:44	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 15:29	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW4 **Date/Time Sampled: 04/24/2015 11:25** **PSS Sample ID: 15042407-027**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 06:32	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/27/15 06:32	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 06:32	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW4 **Date/Time Sampled: 04/24/2015 11:25** **PSS Sample ID: 15042407-027**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 06:32	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/27/15 06:32	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Naphthalene	**1.2**	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/27/15 06:32	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/27/15 06:32	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/27/15 06:32	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW5 **Date/Time Sampled: 04/24/2015 11:30** **PSS Sample ID: 15042407-028**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.20**	mg/L	0.11		1	04/28/15	04/28/15 19:15	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 15:54	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW5 **Date/Time Sampled: 04/24/2015 11:30** **PSS Sample ID: 15042407-028**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 07:08	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/27/15 07:08	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 07:08	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW5 **Date/Time Sampled: 04/24/2015 11:30** **PSS Sample ID: 15042407-028**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 07:08	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/27/15 07:08	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/27/15 07:08	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/27/15 07:08	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:08	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW6 **Date/Time Sampled: 04/24/2015 11:35** **PSS Sample ID: 15042407-029**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	04/28/15	04/28/15 19:15	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 16:20	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW6 **Date/Time Sampled: 04/24/2015 11:35** **PSS Sample ID: 15042407-029**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 07:44	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/27/15 07:44	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 07:44	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: RW6 **Date/Time Sampled: 04/24/2015 11:35** **PSS Sample ID: 15042407-029**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 07:44	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/27/15 07:44	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Naphthalene	**1.1**	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/27/15 07:44	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/27/15 07:44	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/27/15 07:44	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW22 **Date/Time Sampled: 04/24/2015 11:40** **PSS Sample ID: 15042407-030**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.21**	mg/L	0.10		1	04/28/15	04/28/15 19:47	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 16:45	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW22 **Date/Time Sampled: 04/24/2015 11:40** **PSS Sample ID: 15042407-030**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 08:19	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/27/15 08:19	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 08:19	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW22 **Date/Time Sampled: 04/24/2015 11:40** **PSS Sample ID: 15042407-030**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 08:19	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/27/15 08:19	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Naphthalene	**2.1**	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/27/15 08:19	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/27/15 08:19	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:19	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: SYS EFF **Date/Time Sampled: 04/24/2015 11:45** **PSS Sample ID: 15042407-031**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	04/28/15	04/28/15 19:47	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	04/28/15	04/28/15 17:11	1035

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: SYS EFF **Date/Time Sampled: 04/24/2015 11:45** **PSS Sample ID: 15042407-031**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
tert-Amyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 08:54	1011
tert-Amyl methyl ether	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
Benzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Bromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Bromodichloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Bromoform	ND	ug/L	5.0		1	04/26/15	04/27/15 08:54	1011
Bromomethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
tert-Butyl alcohol	ND	ug/L	20		1	04/26/15	04/27/15 08:54	1011
2-Butanone (MEK)	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
Carbon Disulfide	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Chlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Chloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Chloroform	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Chloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Cyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
Dibromochloromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011

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CERTIFICATE OF ANALYSIS

No: 15042407

UMM Shore Regional Health at Chestertown, Chestertown, MD

May 1, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: SYS EFF **Date/Time Sampled: 04/24/2015 11:45** **PSS Sample ID: 15042407-031**
Matrix: GROUND WATER **Date/Time Received: 04/24/2015 14:15**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Diisopropyl ether	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
Ethylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
2-Hexanone	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
Isopropylbenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Methyl Acetate	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
Methylcyclohexane	ND	ug/L	10		1	04/26/15	04/27/15 08:54	1011
Methylene Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	04/26/15	04/27/15 08:54	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Naphthalene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Styrene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Tetrachloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Toluene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Trichloroethene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	04/26/15	04/27/15 08:54	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
Vinyl Chloride	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011
m,p-Xylenes	ND	ug/L	2.0		1	04/26/15	04/27/15 08:54	1011
o-Xylene	ND	ug/L	1.0		1	04/26/15	04/27/15 08:54	1011

Case Narrative Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15042407

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

The analyses of chlorine, pH, dissolved oxygen, temperature and sulfite for drinking water and non-potable samples tested for compliance have a maximum holding time of 15 minutes. As such, all laboratory analyses for these analytes exceed holding times.

Matrix spike and matrix spike duplicate analyses may not be performed due to insufficient sample quantity. In these instances, a laboratory control sample and laboratory control sample duplicate are analyzed unless otherwise noted or specified in the method.

Sample Receipt:

All sample receipt conditions were acceptable.

NELAP accreditation was held for all analyses performed unless noted below. See www.phaseonline.com for complete PSS scope of accreditation.

Analytical Data Package Information Summary

Work Order(s): 15042407
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8015 C	MW11	Initial	15042407-001	1055	W	55184	122251	04/23/2015	04/27/2015 14:35	04/27/2015 20:32
	MW45	Initial	15042407-002	1055	W	55184	122251	04/23/2015	04/27/2015 14:35	04/27/2015 20:32
	MW13	Initial	15042407-003	1055	W	55184	122251	04/23/2015	04/27/2015 14:35	04/27/2015 21:03
	MW41	Initial	15042407-005	1055	W	55184	122251	04/23/2015	04/27/2015 14:35	04/27/2015 21:34
	MW12	Initial	15042407-006	1055	W	55184	122251	04/23/2015	04/27/2015 14:35	04/27/2015 21:34
	MW40	Initial	15042407-007	1055	W	55184	122251	04/23/2015	04/27/2015 14:35	04/27/2015 22:06
	MW43	Initial	15042407-008	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/27/2015 22:06
	MW42	Initial	15042407-010	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/27/2015 22:37
	MW9	Initial	15042407-011	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/27/2015 23:08
	MW10R	Initial	15042407-012	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/27/2015 23:08
	MW31R	Initial	15042407-013	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/27/2015 23:39
	MW44	Initial	15042407-014	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/27/2015 23:39
	MW48	Initial	15042407-015	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/28/2015 01:13
	MW50	Initial	15042407-016	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/28/2015 01:13
	MW49	Initial	15042407-018	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/28/2015 01:44
	MW4	Initial	15042407-019	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/28/2015 02:15
	MW3	Initial	15042407-020	1055	W	55184	122251	04/24/2015	04/27/2015 14:35	04/28/2015 02:15
	55184-1-BKS	BKS	55184-1-BKS	1055	W	55184	122251	--------	04/27/2015 14:35	04/27/2015 12:11
	55184-1-BLK	BLK	55184-1-BLK	1055	W	55184	122251	--------	04/27/2015 14:35	04/27/2015 20:01
	55184-1-BSD	BSD	55184-1-BSD	1055	W	55184	122251	--------	04/27/2015 14:35	04/27/2015 12:41
	MW14	Initial	15042407-004	1055	W	55184	122252	04/23/2015	04/27/2015 14:35	04/28/2015 13:47
	MW46	Initial	15042407-009	1055	W	55184	122252	04/24/2015	04/27/2015 14:35	04/28/2015 12:44
	MW47	Initial	15042407-017	1055	W	55184	122252	04/24/2015	04/27/2015 14:35	04/28/2015 13:47
	MW1	Initial	15042407-021	1055	W	55197	122253	04/24/2015	04/28/2015 10:05	04/28/2015 17:11
	MW5	Initial	15042407-023	1055	W	55197	122253	04/24/2015	04/28/2015 10:05	04/28/2015 17:42
	MW37	Initial	15042407-024	1055	W	55197	122253	04/24/2015	04/28/2015 10:05	04/28/2015 18:13
	RW2D	Initial	15042407-025	1055	W	55197	122253	04/24/2015	04/28/2015 10:05	04/28/2015 18:13
	RW3B	Initial	15042407-026	1055	W	55197	122253	04/24/2015	04/28/2015 10:05	04/28/2015 18:44
	RW4	Initial	15042407-027	1055	W	55197	122253	04/24/2015	04/28/2015 10:05	04/28/2015 18:44

Analytical Data Package Information Summary

Work Order(s): 15042407
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8015 C	RW5	Initial	15042407-028	1055	W	55197	122253	04/24/2015	04/28/2015 10:05	04/28/2015 19:15
	RW6	Initial	15042407-029	1055	W	55197	122253	04/24/2015	04/28/2015 10:05	04/28/2015 19:15
	MW22	Initial	15042407-030	1055	W	55197	122253	04/24/2015	04/28/2015 10:05	04/28/2015 19:47
	SYS EFF	Initial	15042407-031	1055	W	55197	122253	04/24/2015	04/28/2015 10:05	04/28/2015 19:47
	55197-1-BKS	BKS	55197-1-BKS	1055	W	55197	122253	--------	04/28/2015 10:05	04/28/2015 12:12
	55197-1-BLK	BLK	55197-1-BLK	1055	W	55197	122253	--------	04/28/2015 10:05	04/28/2015 17:11
	55197-1-BSD	BSD	55197-1-BSD	1055	W	55197	122253	--------	04/28/2015 10:05	04/28/2015 12:44
	MW2	Initial	15042407-022	1055	W	55197	122256	04/24/2015	04/28/2015 10:05	04/29/2015 19:59
SW-846 8015C	MW11	Initial	15042407-001	1035	W	55194	122186	04/23/2015	04/27/2015 09:07	04/27/2015 11:22
	MW45	Initial	15042407-002	1035	W	55194	122186	04/23/2015	04/27/2015 09:07	04/27/2015 11:47
	MW13	Initial	15042407-003	1035	W	55194	122186	04/23/2015	04/27/2015 09:07	04/27/2015 12:13
	MW14	Initial	15042407-004	1035	W	55194	122186	04/23/2015	04/27/2015 09:07	04/27/2015 12:39
	MW41	Initial	15042407-005	1035	W	55194	122186	04/23/2015	04/27/2015 09:07	04/27/2015 13:05
	MW12	Initial	15042407-006	1035	W	55194	122186	04/23/2015	04/27/2015 09:07	04/27/2015 13:30
	MW40	Initial	15042407-007	1035	W	55194	122186	04/23/2015	04/27/2015 09:07	04/27/2015 13:56
	MW43	Initial	15042407-008	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 14:21
	MW46	Initial	15042407-009	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 14:47
	MW42	Initial	15042407-010	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 15:12
	MW9	Initial	15042407-011	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 15:38
	MW10R	Initial	15042407-012	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 16:03
	MW31R	Initial	15042407-013	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 16:29
	MW44	Initial	15042407-014	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 16:54
	MW48	Initial	15042407-015	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 17:20
	MW50	Initial	15042407-016	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 17:46
	MW47	Initial	15042407-017	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 18:11
	MW49	Initial	15042407-018	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 18:36
	MW4	Initial	15042407-019	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 19:01
	MW3	Initial	15042407-020	1035	W	55194	122186	04/24/2015	04/27/2015 09:07	04/27/2015 19:27
	55194-2-BKS	BKS	55194-2-BKS	1035	W	55194	122186	--------	04/27/2015 09:07	04/27/2015 10:32

Analytical Data Package Information Summary

Work Order(s): 15042407
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8015C	55194-2-BLK	BLK	55194-2-BLK	1035	W	55194	122186	--------	04/27/2015 09:07	04/27/2015 10:07
	MW11 S	MS	15042407-001 S	1035	W	55194	122186	04/23/2015	04/27/2015 09:07	04/27/2015 19:53
	MW11 SD	MSD	15042407-001 SD	1035	W	55194	122186	04/23/2015	04/27/2015 09:07	04/27/2015 20:18
	MW1	Initial	15042407-021	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 12:55
	MW2	Initial	15042407-022	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 13:21
	MW5	Initial	15042407-023	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 13:46
	MW37	Initial	15042407-024	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 14:12
	RW2D	Initial	15042407-025	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 14:37
	RW3B	Initial	15042407-026	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 15:03
	RW4	Initial	15042407-027	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 15:29
	RW5	Initial	15042407-028	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 15:54
	RW6	Initial	15042407-029	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 16:20
	MW22	Initial	15042407-030	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 16:45
	SYS EFF	Initial	15042407-031	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 17:11
	55227-2-BKS	BKS	55227-2-BKS	1035	W	55227	122260	--------	04/28/2015 09:23	04/28/2015 10:48
	55227-2-BLK	BLK	55227-2-BLK	1035	W	55227	122260	--------	04/28/2015 09:23	04/28/2015 10:22
	SYS EFF S	MS	15042407-031 S	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/28/2015 18:52
	SYS EFF SD	MSD	15042407-031 SD	1035	W	55227	122260	04/24/2015	04/28/2015 09:23	04/29/2015 07:50
SW-846 8260 B	MW11	Initial	15042407-001	1011	W	55165	122140	04/23/2015	04/25/2015 09:56	04/25/2015 13:13
	MW45	Initial	15042407-002	1011	W	55165	122140	04/23/2015	04/25/2015 09:56	04/25/2015 16:44
	MW13	Initial	15042407-003	1011	W	55165	122140	04/23/2015	04/25/2015 09:56	04/25/2015 17:19
	MW14	Initial	15042407-004	1011	W	55165	122140	04/23/2015	04/25/2015 09:56	04/25/2015 17:55
	MW12	Initial	15042407-006	1011	W	55165	122140	04/23/2015	04/25/2015 09:56	04/25/2015 19:06
	MW40	Initial	15042407-007	1011	W	55165	122140	04/23/2015	04/25/2015 09:56	04/25/2015 19:42
	MW43	Initial	15042407-008	1011	W	55165	122140	04/24/2015	04/25/2015 09:56	04/25/2015 20:18
	MW46	Initial	15042407-009	1011	W	55165	122140	04/24/2015	04/25/2015 09:56	04/25/2015 20:54
	55165-1-BKS	BKS	55165-1-BKS	1011	W	55165	122140	--------	04/25/2015 09:56	04/25/2015 11:27
	55165-1-BLK	BLK	55165-1-BLK	1011	W	55165	122140	--------	04/25/2015 09:56	04/25/2015 12:39
	MW11 S	MS	15042407-001 S	1011	W	55165	122140	04/23/2015	04/25/2015 09:56	04/25/2015 13:48

Analytical Data Package Information Summary

Work Order(s): 15042407
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8260 B	MW11 SD	MSD	15042407-001 SD	1011	W	55165	122140	04/23/2015	04/25/2015 09:56	04/25/2015 14:24
	MW42	Initial	15042407-010	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 02:13
	MW9	Initial	15042407-011	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 04:35
	MW10R	Initial	15042407-012	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 05:11
	MW31R	Initial	15042407-013	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 05:46
	MW44	Initial	15042407-014	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 06:21
	MW48	Initial	15042407-015	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 06:57
	MW50	Initial	15042407-016	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 07:33
	MW47	Initial	15042407-017	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 09:18
	MW49	Initial	15042407-018	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 08:07
	MW4	Initial	15042407-019	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 08:42
	55166-1-BKS	BKS	55166-1-BKS	1011	W	55166	122141	--------	04/25/2015 22:40	04/26/2015 00:26
	55166-1-BLK	BLK	55166-1-BLK	1011	W	55166	122141	--------	04/25/2015 22:40	04/26/2015 01:37
	MW42 S	MS	15042407-010 S	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 02:48
	MW42 SD	MSD	15042407-010 SD	1011	W	55166	122141	04/24/2015	04/25/2015 22:40	04/26/2015 03:24
	MW41	Initial	15042407-005	1011	W	55174	122146	04/23/2015	04/26/2015 10:05	04/26/2015 19:20
	MW3	Initial	15042407-020	1011	W	55174	122146	04/24/2015	04/26/2015 10:05	04/26/2015 19:55
	MW1	Initial	15042407-021	1011	W	55174	122146	04/24/2015	04/26/2015 10:05	04/26/2015 20:30
	MW2	Initial	15042407-022	1011	W	55174	122146	04/24/2015	04/26/2015 10:05	04/26/2015 21:06
	55174-1-BKS	BKS	55174-1-BKS	1011	W	55174	122146	--------	04/26/2015 10:05	04/26/2015 11:44
	55174-1-BLK	BLK	55174-1-BLK	1011	W	55174	122146	--------	04/26/2015 10:05	04/26/2015 12:54
	MW19 S	MS	15042314-014 S	1011	W	55174	122146	04/23/2015	04/26/2015 10:05	04/26/2015 14:04
	MW19 SD	MSD	15042314-014 SD	1011	W	55174	122146	04/23/2015	04/26/2015 10:05	04/26/2015 14:39
	MW5	Initial	15042407-023	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 02:23
	MW37	Initial	15042407-024	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 04:46
	RW2D	Initial	15042407-025	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 05:21
	RW3B	Initial	15042407-026	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 05:57
	RW4	Initial	15042407-027	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 06:32
	RW5	Initial	15042407-028	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 07:08

Analytical Data Package Information Summary

Work Order(s): 15042407
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8260 B	RW6	Initial	15042407-029	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 07:44
	MW22	Initial	15042407-030	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 08:19
	SYS EFF	Initial	15042407-031	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 08:54
	55177-1-BKS	BKS	55177-1-BKS	1011	W	55177	122149	--------	04/26/2015 22:52	04/27/2015 00:37
	55177-1-BLK	BLK	55177-1-BLK	1011	W	55177	122149	--------	04/26/2015 22:52	04/27/2015 01:48
	MW5 S	MS	15042407-023 S	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 02:58
	MW5 SD	MSD	15042407-023 SD	1011	W	55177	122149	04/24/2015	04/26/2015 22:52	04/27/2015 03:34

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	77		37-136	%	04/27/15 20:32

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122140 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		81-133	%	04/25/15 13:13
Dibromofluoromethane	101		84-110	%	04/25/15 13:13
Toluene-D8	96		94-109	%	04/25/15 13:13

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/27/15 11:22

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	92		37-136	%	04/27/15 20:32

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122140 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		81-133	%	04/25/15 16:44
Dibromofluoromethane	101		84-110	%	04/25/15 16:44
Toluene-D8	97		94-109	%	04/25/15 16:44

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 11:47

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	83		37-136	%	04/27/15 21:03

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122140 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		81-133	%	04/25/15 17:19
Dibromofluoromethane	101		84-110	%	04/25/15 17:19
Toluene-D8	98		94-109	%	04/25/15 17:19

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 12:13

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122252 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	96		37-136	%	04/28/15 13:47

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122140 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	96		81-133	%	04/25/15 17:55
Dibromofluoromethane	101		84-110	%	04/25/15 17:55
Toluene-D8	97		94-109	%	04/25/15 17:55

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 12:39

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	88		37-136	%	04/27/15 21:34

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122146 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	101		81-133	%	04/26/15 19:20
Dibromofluoromethane	102		84-110	%	04/26/15 19:20
Toluene-D8	98		94-109	%	04/26/15 19:20

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 13:05

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
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Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	95		37-136	%	04/27/15 21:34

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122140 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	04/25/15 19:06
Dibromofluoromethane	99		84-110	%	04/25/15 19:06
Toluene-D8	99		94-109	%	04/25/15 19:06

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 13:30

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	80		37-136	%	04/27/15 22:06

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122140 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	04/25/15 19:42
Dibromofluoromethane	99		84-110	%	04/25/15 19:42
Toluene-D8	97		94-109	%	04/25/15 19:42

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
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Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/27/15 13:56

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	103		37-136	%	04/27/15 22:06

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122140 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	04/25/15 20:18
Dibromofluoromethane	100		84-110	%	04/25/15 20:18
Toluene-D8	98		94-109	%	04/25/15 20:18

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	66		65-111	%	04/27/15 14:21

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122252 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	136		37-136	%	04/28/15 12:44

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122140 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		81-133	%	04/25/15 20:54
Dibromofluoromethane	100		84-110	%	04/25/15 20:54
Toluene-D8	98		94-109	%	04/25/15 20:54

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 14:47

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	90		37-136	%	04/27/15 22:37

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	04/26/15 02:13
Dibromofluoromethane	100		84-110	%	04/26/15 02:13
Toluene-D8	97		94-109	%	04/26/15 02:13

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	66		65-111	%	04/27/15 15:12

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	86		37-136	%	04/27/15 23:08

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	98		81-133	%	04/26/15 04:35
Dibromofluoromethane	101		84-110	%	04/26/15 04:35
Toluene-D8	97		94-109	%	04/26/15 04:35

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	66		65-111	%	04/27/15 15:38

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-012

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	88		37-136	%	04/27/15 23:08

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-012

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	102		81-133	%	04/26/15 05:11
Dibromofluoromethane	100		84-110	%	04/26/15 05:11
Toluene-D8	98		94-109	%	04/26/15 05:11

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-012

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	65		65-111	%	04/27/15 16:03

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-013

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	78		37-136	%	04/27/15 23:39

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-013

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		81-133	%	04/26/15 05:46
Dibromofluoromethane	101		84-110	%	04/26/15 05:46
Toluene-D8	97		94-109	%	04/26/15 05:46

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-013

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/27/15 16:29

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-014

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	95		37-136	%	04/27/15 23:39

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-014

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		81-133	%	04/26/15 06:21
Dibromofluoromethane	100		84-110	%	04/26/15 06:21
Toluene-D8	98		94-109	%	04/26/15 06:21

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-014

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 16:54

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-015

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	79		37-136	%	04/28/15 01:13

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-015

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		81-133	%	04/26/15 06:57
Dibromofluoromethane	103		84-110	%	04/26/15 06:57
Toluene-D8	99		94-109	%	04/26/15 06:57

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-015

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 17:20

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	89		37-136	%	04/28/15 01:13

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		81-133	%	04/26/15 07:33
Dibromofluoromethane	101		84-110	%	04/26/15 07:33
Toluene-D8	96		94-109	%	04/26/15 07:33

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 17:46

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122252 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-017

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	120		37-136	%	04/28/15 13:47

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-017

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	95		81-133	%	04/26/15 09:18
Dibromofluoromethane	100		84-110	%	04/26/15 09:18
Toluene-D8	98		94-109	%	04/26/15 09:18

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-017

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 18:11

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-018

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	92		37-136	%	04/28/15 01:44

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-018

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	04/26/15 08:07
Dibromofluoromethane	102		84-110	%	04/26/15 08:07
Toluene-D8	97		94-109	%	04/26/15 08:07

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-018

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 18:36

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-019

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	81		37-136	%	04/28/15 02:15

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/2015
PSS Sample ID: 15042407-019

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		81-133	%	04/26/15 08:42
Dibromofluoromethane	102		84-110	%	04/26/15 08:42
Toluene-D8	97		94-109	%	04/26/15 08:42

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-019

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 19:01

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-020

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	99		37-136	%	04/28/15 02:15

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122146 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-020

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	101		81-133	%	04/26/15 19:55
Dibromofluoromethane	101		84-110	%	04/26/15 19:55
Toluene-D8	97		94-109	%	04/26/15 19:55

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/2015
PSS Sample ID: 15042407-020

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/27/15 19:27

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-021

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	101		37-136	%	04/28/15 17:11

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122146 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-021

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		81-133	%	04/26/15 20:30
Dibromofluoromethane	101		84-110	%	04/26/15 20:30
Toluene-D8	98		94-109	%	04/26/15 20:30

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-021

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	66		65-111	%	04/28/15 12:55

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122256 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-022

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	101		37-136	%	04/29/15 19:59

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122146 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-022

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	101		81-133	%	04/26/15 21:06
Dibromofluoromethane	101		84-110	%	04/26/15 21:06
Toluene-D8	97		94-109	%	04/26/15 21:06

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QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-022

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/28/15 13:21

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-023

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	91		37-136	%	04/28/15 17:42

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-023

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		81-133	%	04/27/15 02:23
Dibromofluoromethane	102		84-110	%	04/27/15 02:23
Toluene-D8	98		94-109	%	04/27/15 02:23

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-023

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/28/15 13:46

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-024

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	97		37-136	%	04/28/15 18:13

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-024

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		81-133	%	04/27/15 04:46
Dibromofluoromethane	102		84-110	%	04/27/15 04:46
Toluene-D8	97		94-109	%	04/27/15 04:46

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-024

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/28/15 14:12

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-025

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	94		37-136	%	04/28/15 18:13

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-025

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	04/27/15 05:21
Dibromofluoromethane	101		84-110	%	04/27/15 05:21
Toluene-D8	98		94-109	%	04/27/15 05:21

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-025

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	65		65-111	%	04/28/15 14:37

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-026

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	77		37-136	%	04/28/15 18:44

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-026

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	04/27/15 05:57
Dibromofluoromethane	102		84-110	%	04/27/15 05:57
Toluene-D8	99		94-109	%	04/27/15 05:57

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-026

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	68		65-111	%	04/28/15 15:03

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-027

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	88		37-136	%	04/28/15 18:44

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-027

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	04/27/15 06:32
Dibromofluoromethane	102		84-110	%	04/27/15 06:32
Toluene-D8	97		94-109	%	04/27/15 06:32

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-027

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/28/15 15:29

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-028

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	69		37-136	%	04/28/15 19:15

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-028

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	04/27/15 07:08
Dibromofluoromethane	102		84-110	%	04/27/15 07:08
Toluene-D8	97		94-109	%	04/27/15 07:08

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-028

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	66		65-111	%	04/28/15 15:54

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-029

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	81		37-136	%	04/28/15 19:15

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-029

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		81-133	%	04/27/15 07:44
Dibromofluoromethane	102		84-110	%	04/27/15 07:44
Toluene-D8	98		94-109	%	04/27/15 07:44

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-029

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	65		65-111	%	04/28/15 16:20

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-030

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	64		37-136	%	04/28/15 19:47

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-030

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	98		81-133	%	04/27/15 08:19
Dibromofluoromethane	101		84-110	%	04/27/15 08:19
Toluene-D8	97		94-109	%	04/27/15 08:19

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-030

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		65-111	%	04/28/15 16:45

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-031

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	73		37-136	%	04/28/15 19:47

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/2015
PSS Sample ID: 15042407-031

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	04/27/15 08:54
Dibromofluoromethane	101		84-110	%	04/27/15 08:54
Toluene-D8	96		94-109	%	04/27/15 08:54

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/2015
PSS Sample ID: 15042407-031

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	66		65-111	%	04/28/15 17:11

F = RPD exceeded the laboratory control limits
X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits
L = Recovery of BS,BSD or both below the laboratory control limits

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122251 Matrix: Water Date Prep: 04/27/15
MB Sample Id: 55184-1-BLK LCS Sample Id: 55184-1-BKS LCSD Sample Id: 55184-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-DRO (Diesel Range Organics)	<0.1000	1.000	0.8535	85	0.7740	77	61-119	10	20	mg/L	04/27/15 12:11	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	LCSD Result	LCSD Flag	Limits	Units	Analysis Date
o-Terphenyl	95		83		81		37-136	%	04/27/15 12:11

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 122253 Matrix: Water Date Prep: 04/28/15
MB Sample Id: 55197-1-BLK LCS Sample Id: 55197-1-BKS LCSD Sample Id: 55197-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-DRO (Diesel Range Organics)	<0.1000	1.000	1.047	105	1.085	109	61-119	4	20	mg/L	04/28/15 12:12	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	LCSD Result	LCSD Flag	Limits	Units	Analysis Date
o-Terphenyl	82		83		86		37-136	%	04/28/15 12:12

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Water Date Prep: 04/27/15
MB Sample Id: 55194-2-BLK LCS Sample Id: 55194-2-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
TPH-GRO (Gasoline Range Organics	<100	5000	4705	94	61-138	ug/L	04/27/15 10:32	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	67		74		65-111	%	04/27/15 10:32

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Water Date Prep: 04/28/15
MB Sample Id: 55227-2-BLK LCS Sample Id: 55227-2-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
TPH-GRO (Gasoline Range Organics	<100	5000	4712	94	61-138	ug/L	04/28/15 10:48	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	66		73		65-111	%	04/28/15 10:48

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122186 Matrix: Ground Water Date Prep: 04/27/15
Parent Sample Id: 15042407-001 MS Sample Id: 15042407-001 S MSD Sample Id: 15042407-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-GRO (Gasoline Range Organics	<100	5000	3749	75	3647	73	58-136	3	25	ug/L	04/27/15 19:53	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	65		66		65-111	%	04/27/15 19:53

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 122260 Matrix: Ground Water Date Prep: 04/28/15
Parent Sample Id: 15042407-031 MS Sample Id: 15042407-031 S MSD Sample Id: 15042407-031 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-GRO (Gasoline Range Organics	<100	5000	4553	91	3231	65	58-136	34	25	ug/L	04/28/15 18:52	F

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	69		81		65-111	%	04/28/15 18:52

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122140 Matrix: Water Date Prep: 04/25/15
MB Sample Id: 55165-1-BLK LCS Sample Id: 55165-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<10.00	50.00	37.26	75	53-146	ug/L	04/25/15 11:27	
tert-Amyl alcohol	<20.00	50.00	28.48	57	27-139	ug/L	04/25/15 11:27	
tert-Amyl ethyl ether	<10.00	50.00	35.73	71	60-121	ug/L	04/25/15 11:27	
tert-Amyl methyl ether	<10.00	50.00	40.52	81	61-129	ug/L	04/25/15 11:27	
Benzene	<1.000	50.00	57.66	115	77-122	ug/L	04/25/15 11:27	
Bromochloromethane	<1.000	50.00	55.33	111	71-122	ug/L	04/25/15 11:27	
Bromodichloromethane	<1.000	50.00	57.95	116	76-122	ug/L	04/25/15 11:27	
Bromoform	<5.000	50.00	52.66	105	69-115	ug/L	04/25/15 11:27	
Bromomethane	<1.000	50.00	51.04	102	40-147	ug/L	04/25/15 11:27	
tert-Butyl alcohol	<20.00	50.00	40.78	82	15-150	ug/L	04/25/15 11:27	
2-Butanone (MEK)	<10.00	50.00	40.87	82	56-133	ug/L	04/25/15 11:27	
tert-Butyl ethyl ether	<10.00	50.00	44.40	89	62-137	ug/L	04/25/15 11:27	
Carbon Disulfide	<10.00	50.00	53.79	108	62-134	ug/L	04/25/15 11:27	
Carbon Tetrachloride	<1.000	50.00	56.19	112	74-127	ug/L	04/25/15 11:27	
Chlorobenzene	<1.000	50.00	58.66	117	76-116	ug/L	04/25/15 11:27	H
Chloroethane	<1.000	50.00	46.01	92	59-132	ug/L	04/25/15 11:27	
Chloroform	<1.000	50.00	54.82	110	71-118	ug/L	04/25/15 11:27	
Chloromethane	<1.000	50.00	44.69	89	62-131	ug/L	04/25/15 11:27	
Cyclohexane	<10.00	50.00	53.33	107	46-150	ug/L	04/25/15 11:27	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	47.17	94	59-135	ug/L	04/25/15 11:27	
Dibromochloromethane	<1.000	50.00	52.37	105	75-114	ug/L	04/25/15 11:27	
1,2-Dibromoethane (EDB)	<1.000	50.00	56.01	112	78-121	ug/L	04/25/15 11:27	
1,2-Dichlorobenzene	<1.000	50.00	60.40	121	80-122	ug/L	04/25/15 11:27	
1,3-Dichlorobenzene	<1.000	50.00	59.48	119	80-122	ug/L	04/25/15 11:27	
1,4-Dichlorobenzene	<1.000	50.00	59.11	118	77-118	ug/L	04/25/15 11:27	
Dichlorodifluoromethane	<1.000	50.00	60.46	121	54-139	ug/L	04/25/15 11:27	
1,1-Dichloroethane	<1.000	50.00	52.71	105	51-136	ug/L	04/25/15 11:27	
1,2-Dichloroethane	<1.000	50.00	54.92	110	64-130	ug/L	04/25/15 11:27	
1,1-Dichloroethene	<1.000	50.00	50.96	102	59-123	ug/L	04/25/15 11:27	
cis-1,2-Dichloroethene	<1.000	50.00	56.91	114	77-119	ug/L	04/25/15 11:27	
1,2-Dichloropropane	<1.000	50.00	52.62	105	75-125	ug/L	04/25/15 11:27	
cis-1,3-Dichloropropene	<1.000	50.00	55.26	111	74-123	ug/L	04/25/15 11:27	
trans-1,3-Dichloropropene	<1.000	50.00	56.54	113	73-116	ug/L	04/25/15 11:27	
trans-1,2-Dichloroethene	<1.000	50.00	56.58	113	58-134	ug/L	04/25/15 11:27	
Diisopropyl ether	<10.00	50.00	49.08	98	48-146	ug/L	04/25/15 11:27	
Ethylbenzene	<1.000	50.00	57.84	116	79-122	ug/L	04/25/15 11:27	
2-Hexanone	<10.00	50.00	38.39	77	56-134	ug/L	04/25/15 11:27	
Isopropylbenzene	<1.000	50.00	59.06	118	80-128	ug/L	04/25/15 11:27	
Methyl Acetate	<10.00	50.00	40.62	81	47-145	ug/L	04/25/15 11:27	
Methylcyclohexane	<10.00	50.00	57.92	116	61-155	ug/L	04/25/15 11:27	
Methylene Chloride	<1.000	50.00	47.62	95	61-126	ug/L	04/25/15 11:27	
4-Methyl-2-Pentanone	<5.000	50.00	42.40	85	45-145	ug/L	04/25/15 11:27	
Methyl-t-butyl ether	<1.000	50.00	47.90	96	30-168	ug/L	04/25/15 11:27	
Naphthalene	<1.000	50.00	44.65	89	46-154	ug/L	04/25/15 11:27	
Styrene	<1.000	50.00	58.52	117	73-118	ug/L	04/25/15 11:27	
1,1,2,2-Tetrachloroethane	<1.000	50.00	53.32	107	71-126	ug/L	04/25/15 11:27	
Tetrachloroethene	<1.000	50.00	56.36	113	78-113	ug/L	04/25/15 11:27	
Toluene	<1.000	50.00	57.41	115	77-123	ug/L	04/25/15 11:27	
1,2,3-Trichlorobenzene	<1.000	50.00	53.84	108	66-140	ug/L	04/25/15 11:27	
1,2,4-Trichlorobenzene	<1.000	50.00	58.56	117	72-143	ug/L	04/25/15 11:27	
1,1,1-Trichloroethane	<1.000	50.00	56.50	113	66-133	ug/L	04/25/15 11:27	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B

Prep Method: SW5030B

Seq Number: 122140

Matrix: Water

Date Prep: 04/25/15

MB Sample Id: 55165-1-BLK

LCS Sample Id: 55165-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	54.02	108	72-128	ug/L	04/25/15 11:27	
Trichloroethene	<1.000	50.00	56.98	114	72-127	ug/L	04/25/15 11:27	
Trichlorofluoromethane	<5.000	50.00	59.26	119	45-130	ug/L	04/25/15 11:27	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	52.03	104	56-126	ug/L	04/25/15 11:27	
Vinyl Chloride	<1.000	50.00	48.97	98	64-132	ug/L	04/25/15 11:27	
m,p-Xylenes	<2.000	100	116.4	116	78-119	ug/L	04/25/15 11:27	
o-Xylene	<1.000	50.00	59.43	119	79-123	ug/L	04/25/15 11:27	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		97		81-133	%	04/25/15 11:27
Dibromofluoromethane	101		102		84-110	%	04/25/15 11:27
Toluene-D8	99		97		94-109	%	04/25/15 11:27

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Water Date Prep: 04/25/15
MB Sample Id: 55166-1-BLK LCS Sample Id: 55166-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<10.00	50.00	49.18	98	53-146	ug/L	04/26/15 00:26	
tert-Amyl alcohol	<20.00	50.00	33.80	68	27-139	ug/L	04/26/15 00:26	
tert-Amyl ethyl ether	<10.00	50.00	32.99	66	60-121	ug/L	04/26/15 00:26	
tert-Amyl methyl ether	<10.00	50.00	39.01	78	61-129	ug/L	04/26/15 00:26	
Benzene	<1.000	50.00	51.96	104	77-122	ug/L	04/26/15 00:26	
Bromochloromethane	<1.000	50.00	50.72	101	71-122	ug/L	04/26/15 00:26	
Bromodichloromethane	<1.000	50.00	51.24	102	76-122	ug/L	04/26/15 00:26	
Bromoform	<5.000	50.00	49.85	100	69-115	ug/L	04/26/15 00:26	
Bromomethane	<1.000	50.00	45.74	91	40-147	ug/L	04/26/15 00:26	
tert-Butyl alcohol	<20.00	50.00	39.45	79	15-150	ug/L	04/26/15 00:26	
2-Butanone (MEK)	<10.00	50.00	52.49	105	56-133	ug/L	04/26/15 00:26	
tert-Butyl ethyl ether	<10.00	50.00	42.37	85	62-137	ug/L	04/26/15 00:26	
Carbon Disulfide	<10.00	50.00	45.78	92	62-134	ug/L	04/26/15 00:26	
Carbon Tetrachloride	<1.000	50.00	49.58	99	74-127	ug/L	04/26/15 00:26	
Chlorobenzene	<1.000	50.00	52.22	104	76-116	ug/L	04/26/15 00:26	
Chloroethane	<1.000	50.00	42.03	84	59-132	ug/L	04/26/15 00:26	
Chloroform	<1.000	50.00	48.80	98	71-118	ug/L	04/26/15 00:26	
Chloromethane	<1.000	50.00	40.58	81	62-131	ug/L	04/26/15 00:26	
Cyclohexane	<10.00	50.00	46.86	94	46-150	ug/L	04/26/15 00:26	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	48.36	97	59-135	ug/L	04/26/15 00:26	
Dibromochloromethane	<1.000	50.00	48.16	96	75-114	ug/L	04/26/15 00:26	
1,2-Dibromoethane (EDB)	<1.000	50.00	52.34	105	78-121	ug/L	04/26/15 00:26	
1,2-Dichlorobenzene	<1.000	50.00	53.27	107	80-122	ug/L	04/26/15 00:26	
1,3-Dichlorobenzene	<1.000	50.00	52.56	105	80-122	ug/L	04/26/15 00:26	
1,4-Dichlorobenzene	<1.000	50.00	51.95	104	77-118	ug/L	04/26/15 00:26	
Dichlorodifluoromethane	<1.000	50.00	49.22	98	54-139	ug/L	04/26/15 00:26	
1,1-Dichloroethane	<1.000	50.00	47.46	95	51-136	ug/L	04/26/15 00:26	
1,2-Dichloroethane	<1.000	50.00	49.90	100	64-130	ug/L	04/26/15 00:26	
1,1-Dichloroethene	<1.000	50.00	44.87	90	59-123	ug/L	04/26/15 00:26	
cis-1,2-Dichloroethene	<1.000	50.00	50.80	102	77-119	ug/L	04/26/15 00:26	
1,2-Dichloropropane	<1.000	50.00	47.96	96	75-125	ug/L	04/26/15 00:26	
cis-1,3-Dichloropropene	<1.000	50.00	46.98	94	74-123	ug/L	04/26/15 00:26	
trans-1,3-Dichloropropene	<1.000	50.00	47.99	96	73-116	ug/L	04/26/15 00:26	
trans-1,2-Dichloroethene	<1.000	50.00	51.14	102	58-134	ug/L	04/26/15 00:26	
Diisopropyl ether	<10.00	50.00	45.95	92	48-146	ug/L	04/26/15 00:26	
Ethylbenzene	<1.000	50.00	51.28	103	79-122	ug/L	04/26/15 00:26	
2-Hexanone	<10.00	50.00	47.16	94	56-134	ug/L	04/26/15 00:26	
Isopropylbenzene	<1.000	50.00	52.80	106	80-128	ug/L	04/26/15 00:26	
Methyl Acetate	<10.00	50.00	42.64	85	47-145	ug/L	04/26/15 00:26	
Methylcyclohexane	<10.00	50.00	49.76	100	61-155	ug/L	04/26/15 00:26	
Methylene Chloride	<1.000	50.00	43.10	86	61-126	ug/L	04/26/15 00:26	
4-Methyl-2-Pentanone	<5.000	50.00	52.66	105	45-145	ug/L	04/26/15 00:26	
Methyl-t-butyl ether	<1.000	50.00	46.43	93	30-168	ug/L	04/26/15 00:26	
Naphthalene	<1.000	50.00	44.19	88	46-154	ug/L	04/26/15 00:26	
Styrene	<1.000	50.00	52.89	106	73-118	ug/L	04/26/15 00:26	
1,1,2,2-Tetrachloroethane	<1.000	50.00	52.15	104	71-126	ug/L	04/26/15 00:26	
Tetrachloroethene	<1.000	50.00	48.87	98	78-113	ug/L	04/26/15 00:26	
Toluene	<1.000	50.00	50.57	101	77-123	ug/L	04/26/15 00:26	
1,2,3-Trichlorobenzene	<1.000	50.00	50.77	102	66-140	ug/L	04/26/15 00:26	
1,2,4-Trichlorobenzene	<1.000	50.00	52.43	105	72-143	ug/L	04/26/15 00:26	
1,1,1-Trichloroethane	<1.000	50.00	51.16	102	66-133	ug/L	04/26/15 00:26	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B

Prep Method: SW5030B

Seq Number: 122141

Matrix: Water

Date Prep: 04/25/15

MB Sample Id: 55166-1-BLK

LCS Sample Id: 55166-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	49.35	99	72-128	ug/L	04/26/15 00:26	
Trichloroethene	<1.000	50.00	50.78	102	72-127	ug/L	04/26/15 00:26	
Trichlorofluoromethane	<5.000	50.00	51.13	102	45-130	ug/L	04/26/15 00:26	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	44.77	90	56-126	ug/L	04/26/15 00:26	
Vinyl Chloride	<1.000	50.00	44.18	88	64-132	ug/L	04/26/15 00:26	
m,p-Xylenes	<2.000	100	102.5	103	78-119	ug/L	04/26/15 00:26	
o-Xylene	<1.000	50.00	53.44	107	79-123	ug/L	04/26/15 00:26	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		98		81-133	%	04/26/15 00:26
Dibromofluoromethane	100		102		84-110	%	04/26/15 00:26
Toluene-D8	93	*	97		94-109	%	04/26/15 00:26

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122146 Matrix: Water Date Prep: 04/26/15
MB Sample Id: 55174-1-BLK LCS Sample Id: 55174-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<10.00	50.00	40.43	81	53-146	ug/L	04/26/15 11:44	
tert-Amyl alcohol	<20.00	50.00	26.68	53	27-139	ug/L	04/26/15 11:44	
tert-Amyl ethyl ether	<10.00	50.00	31.10	62	60-121	ug/L	04/26/15 11:44	
tert-Amyl methyl ether	<10.00	50.00	35.65	71	61-129	ug/L	04/26/15 11:44	
Benzene	<1.000	50.00	54.46	109	77-122	ug/L	04/26/15 11:44	
Bromochloromethane	<1.000	50.00	50.82	102	71-122	ug/L	04/26/15 11:44	
Bromodichloromethane	<1.000	50.00	52.38	105	76-122	ug/L	04/26/15 11:44	
Bromoform	<5.000	50.00	48.13	96	69-115	ug/L	04/26/15 11:44	
Bromomethane	<1.000	50.00	48.37	97	40-147	ug/L	04/26/15 11:44	
tert-Butyl alcohol	<20.00	50.00	38.27	77	15-150	ug/L	04/26/15 11:44	
2-Butanone (MEK)	<10.00	50.00	44.65	89	56-133	ug/L	04/26/15 11:44	
tert-Butyl ethyl ether	<10.00	50.00	40.85	82	62-137	ug/L	04/26/15 11:44	
Carbon Disulfide	<10.00	50.00	51.27	103	62-134	ug/L	04/26/15 11:44	
Carbon Tetrachloride	<1.000	50.00	50.78	102	74-127	ug/L	04/26/15 11:44	
Chlorobenzene	<1.000	50.00	54.12	108	76-116	ug/L	04/26/15 11:44	
Chloroethane	<1.000	50.00	46.49	93	59-132	ug/L	04/26/15 11:44	
Chloroform	<1.000	50.00	50.17	100	71-118	ug/L	04/26/15 11:44	
Chloromethane	<1.000	50.00	44.06	88	62-131	ug/L	04/26/15 11:44	
Cyclohexane	<10.00	50.00	50.62	101	46-150	ug/L	04/26/15 11:44	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	43.99	88	59-135	ug/L	04/26/15 11:44	
Dibromochloromethane	<1.000	50.00	47.71	95	75-114	ug/L	04/26/15 11:44	
1,2-Dibromoethane (EDB)	<1.000	50.00	51.20	102	78-121	ug/L	04/26/15 11:44	
1,2-Dichlorobenzene	<1.000	50.00	55.71	111	80-122	ug/L	04/26/15 11:44	
1,3-Dichlorobenzene	<1.000	50.00	56.08	112	80-122	ug/L	04/26/15 11:44	
1,4-Dichlorobenzene	<1.000	50.00	55.10	110	77-118	ug/L	04/26/15 11:44	
Dichlorodifluoromethane	<1.000	50.00	55.41	111	54-139	ug/L	04/26/15 11:44	
1,1-Dichloroethane	<1.000	50.00	49.74	99	51-136	ug/L	04/26/15 11:44	
1,2-Dichloroethane	<1.000	50.00	49.73	99	64-130	ug/L	04/26/15 11:44	
1,1-Dichloroethene	<1.000	50.00	50.95	102	59-123	ug/L	04/26/15 11:44	
cis-1,2-Dichloroethene	<1.000	50.00	53.22	106	77-119	ug/L	04/26/15 11:44	
1,2-Dichloropropane	<1.000	50.00	49.76	100	75-125	ug/L	04/26/15 11:44	
cis-1,3-Dichloropropene	<1.000	50.00	51.35	103	74-123	ug/L	04/26/15 11:44	
trans-1,3-Dichloropropene	<1.000	50.00	51.19	102	73-116	ug/L	04/26/15 11:44	
trans-1,2-Dichloroethene	<1.000	50.00	53.32	107	58-134	ug/L	04/26/15 11:44	
Diisopropyl ether	<10.00	50.00	48.16	96	48-146	ug/L	04/26/15 11:44	
Ethylbenzene	<1.000	50.00	54.19	108	79-122	ug/L	04/26/15 11:44	
2-Hexanone	<10.00	50.00	40.08	80	56-134	ug/L	04/26/15 11:44	
Isopropylbenzene	<1.000	50.00	57.85	116	80-128	ug/L	04/26/15 11:44	
Methyl Acetate	<10.00	50.00	41.51	83	47-145	ug/L	04/26/15 11:44	
Methylcyclohexane	<10.00	50.00	53.29	107	61-155	ug/L	04/26/15 11:44	
Methylene Chloride	<1.000	50.00	44.86	90	61-126	ug/L	04/26/15 11:44	
4-Methyl-2-Pentanone	<5.000	50.00	46.10	92	45-145	ug/L	04/26/15 11:44	
Methyl-t-butyl ether	<1.000	50.00	44.65	89	30-168	ug/L	04/26/15 11:44	
Naphthalene	<1.000	50.00	40.35	81	46-154	ug/L	04/26/15 11:44	
Styrene	<1.000	50.00	55.09	110	73-118	ug/L	04/26/15 11:44	
1,1,2,2-Tetrachloroethane	<1.000	50.00	51.51	103	71-126	ug/L	04/26/15 11:44	
Tetrachloroethene	<1.000	50.00	52.08	104	78-113	ug/L	04/26/15 11:44	
Toluene	<1.000	50.00	53.28	107	77-123	ug/L	04/26/15 11:44	
1,2,3-Trichlorobenzene	<1.000	50.00	48.86	98	66-140	ug/L	04/26/15 11:44	
1,2,4-Trichlorobenzene	<1.000	50.00	52.57	105	72-143	ug/L	04/26/15 11:44	
1,1,1-Trichloroethane	<1.000	50.00	51.14	102	66-133	ug/L	04/26/15 11:44	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B

Prep Method: SW5030B

Seq Number: 122146

Matrix: Water

Date Prep: 04/26/15

MB Sample Id: 55174-1-BLK

LCS Sample Id: 55174-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	49.42	99	72-128	ug/L	04/26/15 11:44	
Trichloroethene	<1.000	50.00	52.12	104	72-127	ug/L	04/26/15 11:44	
Trichlorofluoromethane	<5.000	50.00	54.20	108	45-130	ug/L	04/26/15 11:44	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	48.92	98	56-126	ug/L	04/26/15 11:44	
Vinyl Chloride	<1.000	50.00	48.18	96	64-132	ug/L	04/26/15 11:44	
m,p-Xylenes	<2.000	100	109.2	109	78-119	ug/L	04/26/15 11:44	
o-Xylene	<1.000	50.00	55.13	110	79-123	ug/L	04/26/15 11:44	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	103		99		81-133	%	04/26/15 11:44
Dibromofluoromethane	99		100		84-110	%	04/26/15 11:44
Toluene-D8	97		97		94-109	%	04/26/15 11:44

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Water Date Prep: 04/26/15
MB Sample Id: 55177-1-BLK LCS Sample Id: 55177-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<10.00	50.00	45.30	91	53-146	ug/L	04/27/15 00:37	
tert-Amyl alcohol	<20.00	50.00	26.18	52	27-139	ug/L	04/27/15 00:37	
tert-Amyl ethyl ether	<10.00	50.00	29.91	60	60-121	ug/L	04/27/15 00:37	
tert-Amyl methyl ether	<10.00	50.00	34.88	70	61-129	ug/L	04/27/15 00:37	
Benzene	<1.000	50.00	55.68	111	77-122	ug/L	04/27/15 00:37	
Bromochloromethane	<1.000	50.00	53.72	107	71-122	ug/L	04/27/15 00:37	
Bromodichloromethane	<1.000	50.00	55.17	110	76-122	ug/L	04/27/15 00:37	
Bromoform	<5.000	50.00	51.12	102	69-115	ug/L	04/27/15 00:37	
Bromomethane	<1.000	50.00	47.75	96	40-147	ug/L	04/27/15 00:37	
tert-Butyl alcohol	<20.00	50.00	39.66	79	15-150	ug/L	04/27/15 00:37	
2-Butanone (MEK)	<10.00	50.00	46.33	93	56-133	ug/L	04/27/15 00:37	
tert-Butyl ethyl ether	<10.00	50.00	39.87	80	62-137	ug/L	04/27/15 00:37	
Carbon Disulfide	<10.00	50.00	50.59	101	62-134	ug/L	04/27/15 00:37	
Carbon Tetrachloride	<1.000	50.00	53.64	107	74-127	ug/L	04/27/15 00:37	
Chlorobenzene	<1.000	50.00	55.83	112	76-116	ug/L	04/27/15 00:37	
Chloroethane	<1.000	50.00	44.91	90	59-132	ug/L	04/27/15 00:37	
Chloroform	<1.000	50.00	52.85	106	71-118	ug/L	04/27/15 00:37	
Chloromethane	<1.000	50.00	43.93	88	62-131	ug/L	04/27/15 00:37	
Cyclohexane	<10.00	50.00	49.34	99	46-150	ug/L	04/27/15 00:37	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	46.95	94	59-135	ug/L	04/27/15 00:37	
Dibromochloromethane	<1.000	50.00	50.59	101	75-114	ug/L	04/27/15 00:37	
1,2-Dibromoethane (EDB)	<1.000	50.00	54.13	108	78-121	ug/L	04/27/15 00:37	
1,2-Dichlorobenzene	<1.000	50.00	56.64	113	80-122	ug/L	04/27/15 00:37	
1,3-Dichlorobenzene	<1.000	50.00	55.77	112	80-122	ug/L	04/27/15 00:37	
1,4-Dichlorobenzene	<1.000	50.00	54.65	109	77-118	ug/L	04/27/15 00:37	
Dichlorodifluoromethane	<1.000	50.00	54.92	110	54-139	ug/L	04/27/15 00:37	
1,1-Dichloroethane	<1.000	50.00	51.44	103	51-136	ug/L	04/27/15 00:37	
1,2-Dichloroethane	<1.000	50.00	53.36	107	64-130	ug/L	04/27/15 00:37	
1,1-Dichloroethene	<1.000	50.00	47.28	95	59-123	ug/L	04/27/15 00:37	
cis-1,2-Dichloroethene	<1.000	50.00	54.13	108	77-119	ug/L	04/27/15 00:37	
1,2-Dichloropropane	<1.000	50.00	51.00	102	75-125	ug/L	04/27/15 00:37	
cis-1,3-Dichloropropene	<1.000	50.00	49.83	100	74-123	ug/L	04/27/15 00:37	
trans-1,3-Dichloropropene	<1.000	50.00	50.92	102	73-116	ug/L	04/27/15 00:37	
trans-1,2-Dichloroethene	<1.000	50.00	54.50	109	58-134	ug/L	04/27/15 00:37	
Diisopropyl ether	<10.00	50.00	47.53	95	48-146	ug/L	04/27/15 00:37	
Ethylbenzene	<1.000	50.00	55.39	111	79-122	ug/L	04/27/15 00:37	
2-Hexanone	<10.00	50.00	42.99	86	56-134	ug/L	04/27/15 00:37	
Isopropylbenzene	<1.000	50.00	55.73	111	80-128	ug/L	04/27/15 00:37	
Methyl Acetate	<10.00	50.00	41.52	83	47-145	ug/L	04/27/15 00:37	
Methylcyclohexane	<10.00	50.00	51.82	104	61-155	ug/L	04/27/15 00:37	
Methylene Chloride	<1.000	50.00	46.17	92	61-126	ug/L	04/27/15 00:37	
4-Methyl-2-Pentanone	<5.000	50.00	49.23	98	45-145	ug/L	04/27/15 00:37	
Methyl-t-butyl ether	<1.000	50.00	44.46	89	30-168	ug/L	04/27/15 00:37	
Naphthalene	<1.000	50.00	43.38	87	46-154	ug/L	04/27/15 00:37	
Styrene	<1.000	50.00	55.67	111	73-118	ug/L	04/27/15 00:37	
1,1,2,2-Tetrachloroethane	<1.000	50.00	52.13	104	71-126	ug/L	04/27/15 00:37	
Tetrachloroethene	<1.000	50.00	52.60	105	78-113	ug/L	04/27/15 00:37	
Toluene	<1.000	50.00	53.83	108	77-123	ug/L	04/27/15 00:37	
1,2,3-Trichlorobenzene	<1.000	50.00	51.79	104	66-140	ug/L	04/27/15 00:37	
1,2,4-Trichlorobenzene	<1.000	50.00	54.00	108	72-143	ug/L	04/27/15 00:37	
1,1,1-Trichloroethane	<1.000	50.00	55.78	112	66-133	ug/L	04/27/15 00:37	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B

Prep Method: SW5030B

Seq Number: 122149

Matrix: Water

Date Prep: 04/26/15

MB Sample Id: 55177-1-BLK

LCS Sample Id: 55177-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	52.34	105	72-128	ug/L	04/27/15 00:37	
Trichloroethene	<1.000	50.00	54.81	110	72-127	ug/L	04/27/15 00:37	
Trichlorofluoromethane	<5.000	50.00	56.34	113	45-130	ug/L	04/27/15 00:37	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	47.31	95	56-126	ug/L	04/27/15 00:37	
Vinyl Chloride	<1.000	50.00	47.04	94	64-132	ug/L	04/27/15 00:37	
m,p-Xylenes	<2.000	100	111.4	111	78-119	ug/L	04/27/15 00:37	
o-Xylene	<1.000	50.00	56.23	112	79-123	ug/L	04/27/15 00:37	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	100		97		81-133	%	04/27/15 00:37
Dibromofluoromethane	102		103		84-110	%	04/27/15 00:37
Toluene-D8	97		98		94-109	%	04/27/15 00:37

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122140 Matrix: Ground Water Date Prep: 04/25/15
Parent Sample Id: 15042407-001 MS Sample Id: 15042407-001 S MSD Sample Id: 15042407-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<10.00	50.00	39.85	80	38.74	77	41-161	3	25	ug/L	04/25/15 13:48	
tert-Amyl alcohol	<20.00	50.00	27.07	54	29.06	58	5-149	7	25	ug/L	04/25/15 13:48	
tert-Amyl ethyl ether	<10.00	50.00	32.93	66	31.77	64	48-129	4	25	ug/L	04/25/15 13:48	
tert-Amyl methyl ether	<10.00	50.00	37.97	76	36.55	73	50-139	4	25	ug/L	04/25/15 13:48	
Benzene	<1.000	50.00	53.33	107	49.98	100	75-132	6	25	ug/L	04/25/15 13:48	
Bromochloromethane	<1.000	50.00	50.76	102	47.85	96	67-130	6	25	ug/L	04/25/15 13:48	
Bromodichloromethane	<1.000	50.00	53.21	106	49.70	99	69-134	7	25	ug/L	04/25/15 13:48	
Bromoform	<5.000	50.00	48.87	98	48.00	96	65-115	2	25	ug/L	04/25/15 13:48	
Bromomethane	<1.000	50.00	49.62	99	42.61	85	29-154	15	25	ug/L	04/25/15 13:48	
tert-Butyl alcohol	<20.00	50.00	39.94	80	37.21	74	1-183	7	25	ug/L	04/25/15 13:48	
2-Butanone (MEK)	<10.00	50.00	47.29	95	45.74	91	47-140	3	25	ug/L	04/25/15 13:48	
tert-Butyl ethyl ether	<10.00	50.00	41.43	83	39.69	79	55-141	4	25	ug/L	04/25/15 13:48	
Carbon Disulfide	<10.00	50.00	51.26	103	45.91	92	59-146	11	25	ug/L	04/25/15 13:48	
Carbon Tetrachloride	<1.000	50.00	52.74	105	49.32	99	74-136	7	25	ug/L	04/25/15 13:48	
Chlorobenzene	<1.000	50.00	53.53	107	50.45	101	78-115	6	25	ug/L	04/25/15 13:48	
Chloroethane	<1.000	50.00	44.87	90	39.98	80	40-150	12	25	ug/L	04/25/15 13:48	
Chloroform	<1.000	50.00	50.72	101	46.96	94	67-130	8	25	ug/L	04/25/15 13:48	
Chloromethane	<1.000	50.00	42.94	86	39.39	79	59-144	9	25	ug/L	04/25/15 13:48	
Cyclohexane	<10.00	50.00	50.16	100	46.66	93	34-161	7	25	ug/L	04/25/15 13:48	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	44.93	90	44.36	89	45-125	1	25	ug/L	04/25/15 13:48	
Dibromochloromethane	<1.000	50.00	48.39	97	46.62	93	73-114	4	25	ug/L	04/25/15 13:48	
1,2-Dibromoethane (EDB)	<1.000	50.00	51.84	104	50.26	101	72-126	3	25	ug/L	04/25/15 13:48	
1,2-Dichlorobenzene	<1.000	50.00	53.11	106	50.93	102	73-117	4	25	ug/L	04/25/15 13:48	
1,3-Dichlorobenzene	<1.000	50.00	53.04	106	50.05	100	73-117	6	25	ug/L	04/25/15 13:48	
1,4-Dichlorobenzene	<1.000	50.00	52.00	104	49.84	100	72-111	4	25	ug/L	04/25/15 13:48	
Dichlorodifluoromethane	<1.000	50.00	57.11	114	52.14	104	47-159	9	25	ug/L	04/25/15 13:48	
1,1-Dichloroethane	<1.000	50.00	48.76	98	45.66	91	44-152	7	25	ug/L	04/25/15 13:48	
1,2-Dichloroethane	<1.000	50.00	51.06	102	48.02	96	60-142	6	25	ug/L	04/25/15 13:48	
1,1-Dichloroethene	<1.000	50.00	49.18	98	42.92	86	50-136	14	25	ug/L	04/25/15 13:48	
cis-1,2-Dichloroethene	<1.000	50.00	51.93	104	48.71	97	76-127	6	25	ug/L	04/25/15 13:48	
1,2-Dichloropropane	<1.000	50.00	48.25	97	45.58	91	70-139	6	25	ug/L	04/25/15 13:48	
cis-1,3-Dichloropropene	<1.000	50.00	49.86	100	46.61	93	64-127	7	25	ug/L	04/25/15 13:48	
trans-1,3-Dichloropropene	<1.000	50.00	52.83	106	48.50	97	62-123	9	25	ug/L	04/25/15 13:48	
trans-1,2-Dichloroethene	<1.000	50.00	52.41	105	49.30	99	54-144	6	25	ug/L	04/25/15 13:48	
Diisopropyl ether	<10.00	50.00	44.15	88	42.15	84	49-150	5	25	ug/L	04/25/15 13:48	
Ethylbenzene	<1.000	50.00	52.98	106	50.27	101	74-129	5	25	ug/L	04/25/15 13:48	
2-Hexanone	<10.00	50.00	46.24	92	44.46	89	50-130	4	25	ug/L	04/25/15 13:48	
Isopropylbenzene	<1.000	50.00	54.13	108	50.35	101	72-130	7	25	ug/L	04/25/15 13:48	
Methyl Acetate	<10.00	50.00	38.96	78	37.86	76	37-143	3	25	ug/L	04/25/15 13:48	
Methylcyclohexane	<10.00	50.00	53.07	106	51.40	103	55-148	3	25	ug/L	04/25/15 13:48	
Methylene Chloride	<1.000	50.00	44.80	90	40.75	82	56-137	9	25	ug/L	04/25/15 13:48	
4-Methyl-2-Pentanone	<5.000	50.00	48.70	97	47.34	95	44-133	3	25	ug/L	04/25/15 13:48	
Methyl-t-butyl ether	<1.000	50.00	44.83	90	43.56	87	22-182	3	25	ug/L	04/25/15 13:48	
Naphthalene	<1.000	50.00	41.12	82	41.16	82	7-137	0	25	ug/L	04/25/15 13:48	
Styrene	<1.000	50.00	53.06	106	50.68	101	67-121	5	25	ug/L	04/25/15 13:48	
1,1,2,2-Tetrachloroethane	<1.000	50.00	50.95	102	50.24	100	68-127	1	25	ug/L	04/25/15 13:48	
Tetrachloroethene	<1.000	50.00	53.22	106	48.63	97	69-126	9	25	ug/L	04/25/15 13:48	
Toluene	<1.000	50.00	52.92	106	49.00	98	74-132	8	25	ug/L	04/25/15 13:48	
1,2,3-Trichlorobenzene	<1.000	50.00	48.81	98	46.55	93	9-139	5	25	ug/L	04/25/15 13:48	
1,2,4-Trichlorobenzene	<1.000	50.00	50.67	101	48.23	96	31-135	5	25	ug/L	04/25/15 13:48	
1,1,1-Trichloroethane	<1.000	50.00	53.35	107	49.81	100	70-138	7	25	ug/L	04/25/15 13:48	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B

Seq Number: 122140 Matrix: Ground Water Date Prep: 04/25/15

Parent Sample Id: 15042407-001 MS Sample Id: 15042407-001 S MSD Sample Id: 15042407-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	52.50	105	47.71	95	65-143	10	25	ug/L	04/25/15 13:48	
Trichloroethene	<1.000	50.00	52.41	105	49.38	99	67-139	6	25	ug/L	04/25/15 13:48	
Trichlorofluoromethane	<5.000	50.00	59.40	119	53.21	106	37-147	11	25	ug/L	04/25/15 13:48	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	51.63	103	45.77	92	47-139	12	25	ug/L	04/25/15 13:48	
Vinyl Chloride	<1.000	50.00	49.50	99	44.19	88	60-146	11	25	ug/L	04/25/15 13:48	
m,p-Xylenes	<2.000	100	107.3	107	100.6	101	78-119	6	25	ug/L	04/25/15 13:48	
o-Xylene	<1.000	50.00	53.97	108	51.12	102	80-123	5	25	ug/L	04/25/15 13:48	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	96		97		81-133	%	04/25/15 13:48
Dibromofluoromethane	104		102		84-110	%	04/25/15 13:48
Toluene-D8	99		97		94-109	%	04/25/15 13:48

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/15
Parent Sample Id: 15042407-010 MS Sample Id: 15042407-010 S MSD Sample Id: 15042407-010 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<10.00	50.00	44.29	89	46.33	93	41-161	5	25	ug/L	04/26/15 02:48	
tert-Amyl alcohol	<20.00	50.00	29.05	58	34.38	69	5-149	17	25	ug/L	04/26/15 02:48	
tert-Amyl ethyl ether	<10.00	50.00	30.71	61	31.41	63	48-129	2	25	ug/L	04/26/15 02:48	
tert-Amyl methyl ether	<10.00	50.00	36.60	73	37.34	75	50-139	2	25	ug/L	04/26/15 02:48	
Benzene	<1.000	50.00	52.88	106	52.28	105	75-132	1	25	ug/L	04/26/15 02:48	
Bromochloromethane	<1.000	50.00	50.11	100	51.25	103	67-130	2	25	ug/L	04/26/15 02:48	
Bromodichloromethane	<1.000	50.00	51.57	103	52.33	105	69-134	1	25	ug/L	04/26/15 02:48	
Bromoform	<5.000	50.00	49.23	98	50.86	102	65-115	3	25	ug/L	04/26/15 02:48	
Bromomethane	<1.000	50.00	44.79	90	46.17	92	29-154	3	25	ug/L	04/26/15 02:48	
tert-Butyl alcohol	<20.00	50.00	39.99	80	41.26	83	1-183	3	25	ug/L	04/26/15 02:48	
2-Butanone (MEK)	<10.00	50.00	46.55	93	50.63	101	47-140	8	25	ug/L	04/26/15 02:48	
tert-Butyl ethyl ether	<10.00	50.00	39.89	80	41.13	82	55-141	3	25	ug/L	04/26/15 02:48	
Carbon Disulfide	<10.00	50.00	48.90	98	47.56	95	59-146	3	25	ug/L	04/26/15 02:48	
Carbon Tetrachloride	<1.000	50.00	51.54	103	49.57	99	74-136	4	25	ug/L	04/26/15 02:48	
Chlorobenzene	<1.000	50.00	53.51	107	52.53	105	78-115	2	25	ug/L	04/26/15 02:48	
Chloroethane	<1.000	50.00	42.63	85	42.60	85	40-150	0	25	ug/L	04/26/15 02:48	
Chloroform	<1.000	50.00	49.56	99	49.12	98	67-130	1	25	ug/L	04/26/15 02:48	
Chloromethane	<1.000	50.00	39.45	79	41.91	84	59-144	6	25	ug/L	04/26/15 02:48	
Cyclohexane	<10.00	50.00	49.31	99	46.04	92	34-161	7	25	ug/L	04/26/15 02:48	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	46.94	94	50.13	100	45-125	7	25	ug/L	04/26/15 02:48	
Dibromochloromethane	<1.000	50.00	48.42	97	48.85	98	73-114	1	25	ug/L	04/26/15 02:48	
1,2-Dibromoethane (EDB)	<1.000	50.00	51.72	103	52.93	106	72-126	2	25	ug/L	04/26/15 02:48	
1,2-Dichlorobenzene	<1.000	50.00	54.47	109	54.44	109	73-117	0	25	ug/L	04/26/15 02:48	
1,3-Dichlorobenzene	<1.000	50.00	52.97	106	52.74	105	73-117	0	25	ug/L	04/26/15 02:48	
1,4-Dichlorobenzene	<1.000	50.00	52.11	104	52.10	104	72-111	0	25	ug/L	04/26/15 02:48	
Dichlorodifluoromethane	<1.000	50.00	52.41	105	49.99	100	47-159	5	25	ug/L	04/26/15 02:48	
1,1-Dichloroethane	<1.000	50.00	48.42	97	47.55	95	44-152	2	25	ug/L	04/26/15 02:48	
1,2-Dichloroethane	<1.000	50.00	49.80	100	51.11	102	60-142	3	25	ug/L	04/26/15 02:48	
1,1-Dichloroethene	<1.000	50.00	47.05	94	45.23	90	50-136	4	25	ug/L	04/26/15 02:48	
cis-1,2-Dichloroethene	<1.000	50.00	51.00	102	50.99	102	76-127	0	25	ug/L	04/26/15 02:48	
1,2-Dichloropropane	<1.000	50.00	47.93	96	48.16	96	70-139	0	25	ug/L	04/26/15 02:48	
cis-1,3-Dichloropropene	<1.000	50.00	46.06	92	46.92	94	64-127	2	25	ug/L	04/26/15 02:48	
trans-1,3-Dichloropropene	<1.000	50.00	46.90	94	48.82	98	62-123	4	25	ug/L	04/26/15 02:48	
trans-1,2-Dichloroethene	<1.000	50.00	51.34	103	50.54	101	54-144	2	25	ug/L	04/26/15 02:48	
Diisopropyl ether	<10.00	50.00	44.11	88	44.57	89	49-150	1	25	ug/L	04/26/15 02:48	
Ethylbenzene	<1.000	50.00	52.34	105	51.56	103	74-129	2	25	ug/L	04/26/15 02:48	
2-Hexanone	<10.00	50.00	43.24	86	46.44	93	50-130	7	25	ug/L	04/26/15 02:48	
Isopropylbenzene	<1.000	50.00	54.89	110	52.32	105	72-130	5	25	ug/L	04/26/15 02:48	
Methyl Acetate	<10.00	50.00	36.46	73	38.09	76	37-143	4	25	ug/L	04/26/15 02:48	
Methylcyclohexane	<10.00	50.00	51.30	103	47.98	96	55-148	7	25	ug/L	04/26/15 02:48	
Methylene Chloride	<1.000	50.00	43.69	87	43.89	88	56-137	0	25	ug/L	04/26/15 02:48	
4-Methyl-2-Pentanone	<5.000	50.00	46.12	92	46.86	94	44-133	2	25	ug/L	04/26/15 02:48	
Methyl-t-butyl ether	<1.000	50.00	44.50	89	46.33	93	22-182	4	25	ug/L	04/26/15 02:48	
Naphthalene	<1.000	50.00	43.35	87	45.74	91	7-137	5	25	ug/L	04/26/15 02:48	
Styrene	<1.000	50.00	54.40	109	52.87	106	67-121	3	25	ug/L	04/26/15 02:48	
1,1,2,2-Tetrachloroethane	<1.000	50.00	52.40	105	54.74	109	68-127	4	25	ug/L	04/26/15 02:48	
Tetrachloroethene	<1.000	50.00	49.90	100	49.23	98	69-126	1	25	ug/L	04/26/15 02:48	
Toluene	<1.000	50.00	51.51	103	51.04	102	74-132	1	25	ug/L	04/26/15 02:48	
1,2,3-Trichlorobenzene	<1.000	50.00	50.09	100	51.05	102	9-139	2	25	ug/L	04/26/15 02:48	
1,2,4-Trichlorobenzene	<1.000	50.00	51.76	104	51.65	103	31-135	0	25	ug/L	04/26/15 02:48	
1,1,1-Trichloroethane	<1.000	50.00	52.00	104	50.67	101	70-138	3	25	ug/L	04/26/15 02:48	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B

Seq Number: 122141 Matrix: Ground Water Date Prep: 04/25/15

Parent Sample Id: 15042407-010 MS Sample Id: 15042407-010 S MSD Sample Id: 15042407-010 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	50.04	100	52.37	105	65-143	5	25	ug/L	04/26/15 02:48	
Trichloroethene	<1.000	50.00	51.47	103	50.79	102	67-139	1	25	ug/L	04/26/15 02:48	
Trichlorofluoromethane	<5.000	50.00	56.54	113	52.91	106	37-147	7	25	ug/L	04/26/15 02:48	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	48.42	97	44.96	90	47-139	7	25	ug/L	04/26/15 02:48	
Vinyl Chloride	<1.000	50.00	44.58	89	44.65	89	60-146	0	25	ug/L	04/26/15 02:48	
m,p-Xylenes	<2.000	100	105.5	106	104.2	104	78-119	1	25	ug/L	04/26/15 02:48	
o-Xylene	<1.000	50.00	54.67	109	52.77	106	80-123	4	25	ug/L	04/26/15 02:48	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	98		97		81-133	%	04/26/15 02:48
Dibromofluoromethane	103		104		84-110	%	04/26/15 02:48
Toluene-D8	97		98		94-109	%	04/26/15 02:48

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/15
Parent Sample Id: 15042407-023 MS Sample Id: 15042407-023 S MSD Sample Id: 15042407-023 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<10.00	50.00	46.09	92	47.67	95	41-161	3	25	ug/L	04/27/15 02:58	
tert-Amyl alcohol	<20.00	50.00	26.71	53	28.75	58	5-149	7	25	ug/L	04/27/15 02:58	
tert-Amyl ethyl ether	<10.00	50.00	25.91	52	25.90	52	48-129	0	25	ug/L	04/27/15 02:58	
tert-Amyl methyl ether	<10.00	50.00	31.31	63	31.67	63	50-139	1	25	ug/L	04/27/15 02:58	
Benzene	<1.000	50.00	51.44	103	49.49	99	75-132	4	25	ug/L	04/27/15 02:58	
Bromochloromethane	<1.000	50.00	48.57	97	48.15	96	67-130	1	25	ug/L	04/27/15 02:58	
Bromodichloromethane	<1.000	50.00	50.85	102	49.82	100	69-134	2	25	ug/L	04/27/15 02:58	
Bromoform	<5.000	50.00	47.75	96	47.96	96	65-115	0	25	ug/L	04/27/15 02:58	
Bromomethane	<1.000	50.00	45.77	92	43.12	86	29-154	6	25	ug/L	04/27/15 02:58	
tert-Butyl alcohol	<20.00	50.00	39.15	78	37.49	75	1-183	4	25	ug/L	04/27/15 02:58	
2-Butanone (MEK)	<10.00	50.00	45.43	91	48.66	97	47-140	7	25	ug/L	04/27/15 02:58	
tert-Butyl ethyl ether	<10.00	50.00	35.31	71	35.07	70	55-141	1	25	ug/L	04/27/15 02:58	
Carbon Disulfide	<10.00	50.00	48.83	98	45.41	91	59-146	7	25	ug/L	04/27/15 02:58	
Carbon Tetrachloride	<1.000	50.00	50.05	100	48.61	97	74-136	3	25	ug/L	04/27/15 02:58	
Chlorobenzene	<1.000	50.00	51.10	102	49.84	100	78-115	2	25	ug/L	04/27/15 02:58	
Chloroethane	<1.000	50.00	43.02	86	39.42	79	40-150	9	25	ug/L	04/27/15 02:58	
Chloroform	<1.000	50.00	48.79	98	47.40	95	67-130	3	25	ug/L	04/27/15 02:58	
Chloromethane	<1.000	50.00	41.75	84	39.06	78	59-144	7	25	ug/L	04/27/15 02:58	
Cyclohexane	<10.00	50.00	47.61	95	45.33	91	34-161	5	25	ug/L	04/27/15 02:58	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	45.10	90	47.69	95	45-125	6	25	ug/L	04/27/15 02:58	
Dibromochloromethane	<1.000	50.00	46.61	93	45.98	92	73-114	1	25	ug/L	04/27/15 02:58	
1,2-Dibromoethane (EDB)	<1.000	50.00	50.23	100	50.08	100	72-126	0	25	ug/L	04/27/15 02:58	
1,2-Dichlorobenzene	<1.000	50.00	50.90	102	50.31	101	73-117	1	25	ug/L	04/27/15 02:58	
1,3-Dichlorobenzene	<1.000	50.00	50.08	100	49.01	98	73-117	2	25	ug/L	04/27/15 02:58	
1,4-Dichlorobenzene	<1.000	50.00	49.30	99	48.48	97	72-111	2	25	ug/L	04/27/15 02:58	
Dichlorodifluoromethane	<1.000	50.00	55.84	112	53.54	107	47-159	4	25	ug/L	04/27/15 02:58	
1,1-Dichloroethane	<1.000	50.00	46.24	92	45.12	90	44-152	2	25	ug/L	04/27/15 02:58	
1,2-Dichloroethane	<1.000	50.00	48.91	98	48.56	97	60-142	1	25	ug/L	04/27/15 02:58	
1,1-Dichloroethene	<1.000	50.00	46.55	93	42.03	84	50-136	10	25	ug/L	04/27/15 02:58	
cis-1,2-Dichloroethene	<1.000	50.00	49.68	99	48.25	97	76-127	3	25	ug/L	04/27/15 02:58	
1,2-Dichloropropane	<1.000	50.00	46.95	94	46.03	92	70-139	2	25	ug/L	04/27/15 02:58	
cis-1,3-Dichloropropene	<1.000	50.00	44.65	89	43.92	88	64-127	2	25	ug/L	04/27/15 02:58	
trans-1,3-Dichloropropene	<1.000	50.00	47.32	95	46.12	92	62-123	3	25	ug/L	04/27/15 02:58	
trans-1,2-Dichloroethene	<1.000	50.00	49.67	99	47.99	96	54-144	3	25	ug/L	04/27/15 02:58	
Diisopropyl ether	<10.00	50.00	42.08	84	41.39	83	49-150	2	25	ug/L	04/27/15 02:58	
Ethylbenzene	<1.000	50.00	50.69	101	48.92	98	74-129	4	25	ug/L	04/27/15 02:58	
2-Hexanone	<10.00	50.00	44.18	88	46.16	92	50-130	4	25	ug/L	04/27/15 02:58	
Isopropylbenzene	<1.000	50.00	50.89	102	49.25	99	72-130	3	25	ug/L	04/27/15 02:58	
Methyl Acetate	<10.00	50.00	35.76	72	35.65	71	37-143	0	25	ug/L	04/27/15 02:58	
Methylcyclohexane	<10.00	50.00	48.46	97	48.40	97	55-148	0	25	ug/L	04/27/15 02:58	
Methylene Chloride	<1.000	50.00	42.89	86	41.18	82	56-137	4	25	ug/L	04/27/15 02:58	
4-Methyl-2-Pentanone	<5.000	50.00	45.03	90	47.93	96	44-133	6	25	ug/L	04/27/15 02:58	
Methyl-t-butyl ether	<1.000	50.00	40.70	81	41.20	82	22-182	1	25	ug/L	04/27/15 02:58	
Naphthalene	<1.000	50.00	39.63	79	41.69	83	7-137	5	25	ug/L	04/27/15 02:58	
Styrene	<1.000	50.00	50.36	101	49.40	99	67-121	2	25	ug/L	04/27/15 02:58	
1,1,2,2-Tetrachloroethane	<1.000	50.00	50.11	100	51.31	103	68-127	2	25	ug/L	04/27/15 02:58	
Tetrachloroethene	<1.000	50.00	48.82	98	47.57	95	69-126	3	25	ug/L	04/27/15 02:58	
Toluene	<1.000	50.00	50.38	101	48.61	97	74-132	4	25	ug/L	04/27/15 02:58	
1,2,3-Trichlorobenzene	<1.000	50.00	46.30	93	47.08	94	9-139	2	25	ug/L	04/27/15 02:58	
1,2,4-Trichlorobenzene	<1.000	50.00	46.44	93	46.63	93	31-135	0	25	ug/L	04/27/15 02:58	
1,1,1-Trichloroethane	<1.000	50.00	51.37	103	49.61	99	70-138	3	25	ug/L	04/27/15 02:58	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15042407

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B

Seq Number: 122149 Matrix: Ground Water Date Prep: 04/26/15

Parent Sample Id: 15042407-023 MS Sample Id: 15042407-023 S MSD Sample Id: 15042407-023 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	50.66	101	48.83	98	65-143	4	25	ug/L	04/27/15 02:58	
Trichloroethene	<1.000	50.00	49.80	100	48.51	97	67-139	3	25	ug/L	04/27/15 02:58	
Trichlorofluoromethane	<5.000	50.00	56.74	113	52.40	105	37-147	8	25	ug/L	04/27/15 02:58	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	47.22	94	43.32	87	47-139	9	25	ug/L	04/27/15 02:58	
Vinyl Chloride	<1.000	50.00	45.42	91	41.47	83	60-146	9	25	ug/L	04/27/15 02:58	
m,p-Xylenes	<2.000	100	102.2	102	98.55	99	78-119	4	25	ug/L	04/27/15 02:58	
o-Xylene	<1.000	50.00	51.17	102	49.68	99	80-123	3	25	ug/L	04/27/15 02:58	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	96		97		81-133	%	04/27/15 02:58
Dibromofluoromethane	104		104		84-110	%	04/27/15 02:58
Toluene-D8	98		99		94-109	%	04/27/15 02:58

F = RPD exceeded the laboratory control limits
X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits
L = Recovery of BS,BSD or both below the laboratory control limits

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)
*CLIENT: UMM *OFFICE LOC.: WILMINGTON, DE
*PROJECT MGR: KEN HANNON *PHONE NO.: (302) 656-9600
EMAIL: KHANNON@BRIGHTFIELDS FAX NO.: ( )
*PROJECT NAME: CRHC PROJECT NO.:
SITE LOCATION: CHESTERTOWN, MD P.O. NO.:
SAMPLER(S): R. MORTER, M. ATTERBURY DW CERT NO.:

PSS Work Order #: 15042407 PAGE 1 OF 4

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	DRO VIA 8015	GRO VIA 8015	VOC VIA 8260	FUEL OXYGENATES								REMARKS
Preservatives Used								HCL	HCL									
1	MW11	4/23/15	1410	GW	5	G	X	X	X	X								
2	MW45	↓	1410	↓	↓	↓	X	X	X	X								
3	MW13		1430				X	X	X	X								
4	MW14		1500				X	X	X	X								
5	MW41		1500				X	X	X	X								
6	MW12		1515				X	X	X	X								
7	MW40	↓	1515				X	X	X	X								
8	MW43	4/24/15	0905				X	X	X	X								10°C
9	MW46		0905				X	X	X	X								
10	MW42	↓	0925	↓	↓	↓	X	X	X	X								1 40

(5)

Relinquished By: (1)	Date	Time	Received By:
[signature]	4/24/15	1220	[signature]
Relinquished By: (2)	Date	Time	Received By:
[signature]	4/24/15	1415	[signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)
*Requested TAT (One TAT per COC): ☑ 5-Day ☐ 3-Day ☐ 2-Day ☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required: COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER ____

# of Coolers: 3 6
Custody Seal: ABS 1,9,9
Ice Present: PRES Temp: 6,10,1°C
Shipping Carrier: TTE

Special Instructions:

DW COMPLIANCE? YES ☐ EDD FORMAT TYPE ____ STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER ____

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

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SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)
*CLIENT: UMM *OFFICE LOC: WILMINGTON, DE
*PROJECT MGR: KEN HANNON *PHONE NO.: 302 656-9600
EMAIL: KHANNON@BRIGHTFIELDS FAX NO.: ( )
*PROJECT NAME: CRHC PROJECT NO.:
SITE LOCATION: CHESTERTOWN, MD P.O. NO.:
SAMPLER(S): R. MORTEL, M. ATTERBURY DW CERT NO.:

PSS Work Order #: 15042407 PAGE 2 OF 4

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	DRO VIA 8015	GRO VIA 8015	VOC VIA 8260	FUEL OXYGENATES								REMARKS
(3) Preservatives Used								HCL	HCL									
11	MW9	4/24/15	0925	GW	5	G	X	X	X	X								
12	MW10R		0935				X	X	X	X								9°C
13	MW31R		0935				X	X	X	X								
14	MW44		0940				X	X	X	X								
15	MW48		1000				X	X	X	X								9°C
16	MW50		1000				X	X	X	X								9°C
17	MW47		1010				X	X	X	X								9°C
18	MW49		1010				X	X	X	X								9°C
19	MW4		1030				X	X	X	X								9°C
20	MW3		1035				X	X	X	X								10°C

(5)

Relinquished By: (1)	Date	Time	Received By:
R. Mortel	4/24/15	1220	D. Boome
Relinquished By: (2)	Date	Time	Received By:
D. Boome	"	1415	[illegible]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)
*Requested TAT (One TAT per COC)
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:
COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER _____

# of Coolers: 3 #6
Custody Seal: ABS 1,9,9
Ice Present: PRES Temp: 6,10,1°C
Shipping Carrier: TTE

Special Instructions:

DW COMPLIANCE? YES ☐
EDD FORMAT TYPE _____
STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER _____

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SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

1

*CLIENT: UMM *OFFICE LOC. WILMINGTON, DE

*PROJECT MGR: KEN HANNON *PHONE NO.: 302) 656-9600

EMAIL: KHANNON@BRIGHTFIELDS FAX NO.: ( )

*PROJECT NAME: CRHC PROJECT NO.:

SITE LOCATION: CHESTERTOWN, MD P.O. NO.:

SAMPLER(S): R. MORTEL, M. ATTERBURY DW CERT NO.:

PSS Work Order #: 15042407 PAGE 3 OF 4

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

2

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	DRO VIA 8015	GRO VIA 8015	VOC VIA 8260	FUEL OXYGENATES								REMARKS
Preservatives Used								HCL	HCL									
Analysis/ Method Required ③ *																		
21	MW1	4/24/15	1040	GW	5	G	X	X	X	X								10°C
22	MW2		1045				X	X	X	X								10°C
23	MW5		1050				X	X	X	X								10°C
24	MW37		1100				X	X	X	X								10°C
25	RW2D		1115				X	X	X	X								9°C
26	RW3B		1120				X	X	X	X								9°C
27	RW4		1125				X	X	X	X								9°C
28	RW5		1130				X	X	X	X								9°C
29	RW6		1135				X	X	X	X								9°C
30	MW22		1140				X	X	X	X								9°C

5

Relinquished By: (1)	Date	Time	Received By:
R. Mortel	4/24/15	1220	D. Broome
Relinquished By: (2)	Date	Time	Received By:
D. Broome		1415	[illegible]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

4

*Requested TAT (One TAT per COC)
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:
COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER _____

Special Instructions:

DW COMPLIANCE? YES ☐

EDD FORMAT TYPE _____

STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER _____

# of Coolers: 3 6

Custody Seal: ABS 1, 9, 9

Ice Present: PRES Temp: 6, 10, 1°C

Shipping Carrier: TTE

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SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)

*CLIENT: UMM *OFFICE LOC.: WILMINGTON, DE

*PROJECT MGR: KEN HANNON *PHONE NO.: 302) 656-9600

EMAIL: KHANNON@BRIGHTFIELDS FAX NO.: ( )

*PROJECT NAME: CRHC PROJECT NO.:

SITE LOCATION: CHESTERTOWN, MD P.O. NO.:

SAMPLER(S): R. MORTEL, M. ATTERBURY DW CERT NO.:

PSS Work Order #: 15042407 PAGE 4 OF 4

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	DRO VIA 8015	GRO VIA 8015	VOC VIA 8260	FUEL OXYGENATES								REMARKS
Preservatives Used								HCL	HCL									
31	SYS EFF	4/24/15	1145	GW	5	G	X	X	X	X								10%

(3) Analysis/Method Required *

(4)

*Requested TAT (One TAT per COC): ☑ 5-Day ☐ 3-Day ☐ 2-Day ☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required: COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER _____

# of Coolers: 3/4P 6

Custody Seal: ABS 1, 9, 9

Ice Present: PLES Temp: 6, 10, 1°C

Shipping Carrier: TTE

Special Instructions:

DW COMPLIANCE? YES ☐

EDD FORMAT TYPE _____

STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER _____

(5)

Relinquished By:	Date	Time	Received By:
(1) R. Mortel	4/24/15	1220	D. Boone
(2) D. Boone	"	1412	[illegible]
(3)			
(4)			

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Phase Separation Science, Inc

Sample Receipt Checklist

Work Order #	15042407	**Received By**	Rachel Davis
Client Name	UMM Shore Regional Health at Ches	**Date Received**	04/24/2015 02:15:00 PM
Project Name	CRHC	**Delivered By**	Trans Time Express
Disposal Date	05/29/2015	**Tracking No**	Not Applicable
		Logged In By	Rachel Davis

Shipping Container(s)

No. of Coolers 6

		Ice	Present
Custody Seal(s) Intact?	N/A	Temp (deg C)	1
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No
		Ice	Present
Custody Seal(s) Intact?	N/A	Temp (deg C)	6
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No
		Ice	Present
Custody Seal(s) Intact?	N/A	Temp (deg C)	9
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No
		Ice	Present
Custody Seal(s) Intact?	N/A	Temp (deg C)	10
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No

Documentation

COC agrees with sample labels?	Yes	Sampler Name	R. Mortel
Chain of Custody	Yes	MD DW Cert. No.	N/A

Sample Container

Appropriate for Specified Analysis?	Yes	Custody Seal(s) Intact?	Not Applicable
Intact?	Yes	Seal(s) Signed / Dated	Not Applicable
Labeled and Labels Legible?	Yes		

Total No. of Samples Received 31

Total No. of Containers Received 155

Preservation

Metals	(pH<2)	N/A
Cyanides	(pH>12)	N/A
Sulfide	(pH>9)	N/A
TOC, COD, Phenols	(pH<2)	N/A
TOX, TKN, NH3, Total Phos	(pH<2)	N/A
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	Yes
Do VOA vials have zero headspace?		Yes
624 VOC (Rcvd at least one unpreserved VOA vial)		N/A

Phase Separation Science, Inc

Sample Receipt Checklist

Work Order #	15042407	**Received By**	Rachel Davis
Client Name	UMM Shore Regional Health at Ches	**Date Received**	04/24/2015 02:15:00 PM
Project Name	CRHC	**Delivered By**	Trans Time Express
Disposal Date	05/29/2015	**Tracking No**	Not Applicable
		Logged In By	Rachel Davis

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling. Samples which require thermal preservation shall be considered acceptable when received at a temperature above freezing to 6°C. Samples that are hand delivered on the day that they are collected may not meet these criteria but shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice.

Samples Inspected/Checklist Completed By: Rachel Davis — Date: 04/24/2015

PM Review and Approval: Lynn Jackson — Date: 04/27/2015

Analytical Report for

UMM Shore Regional Health at Chestertown

Certificate of Analysis No.: 15052815

Project Manager: Ken Hannon

Project Name : CRHC

Project Location: Chestertown, MD

June 4, 2015

Phase Separation Science, Inc.

6630 Baltimore National Pike
Baltimore, MD 21228
Phone: (410) 747-8770
Fax: (410) 788-8723

Analytical Report for

UMM Shore Regional Health at Chestertown

Certificate of Analysis No.: 15062318

Project Manager: Ken Hannon

Project Name : CRHC

Project Location: Chestertown, MD

June 30, 2015

Phase Separation Science, Inc.

6630 Baltimore National Pike
Baltimore, MD 21228
Phone: (410) 747-8770
Fax: (410) 788-8723

OFFICES:
6630 BALTIMORE NATIONAL PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
410-747-8770
800-932-9047
FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.

June 30, 2015

Ken Hannon
UMM Shore Regional Health at Chestertown
100 Brown Street
Chestertown, MD 21620

Reference: PSS Work Order(s) No: **15062318**
Project Name: CRHC
Project Location: Chestertown, MD

Dear Ken Hannon :

This report includes the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order(s) numbered **15062318**.

All work reported herein has been performed in accordance with current NELAP standards, referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual unless otherwise noted in the Case Narrative Summary. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on July 28, 2015. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 5 years, after which time it will be disposed of without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Sincerely,

Dan Prucnal
Laboratory Manager

Sample Summary

Client Name: UMM Shore Regional Health at Chestertown
Project Name: CRHC

Work Order Number(s): 15062318

The following samples were received under chain of custody by Phase Separation Science (PSS) on 06/23/2015 at 02:10 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
15062318-001	MW24	GROUND WATER	06/23/15 09:25
15062318-002	MW16	GROUND WATER	06/23/15 09:25
15062318-003	MW50	GROUND WATER	06/23/15 09:40
15062318-004	MW34	GROUND WATER	06/23/15 09:40
15062318-005	MW48	GROUND WATER	06/23/15 09:50
15062318-006	MW49	GROUND WATER	06/23/15 09:52
15062318-007	MW33	GROUND WATER	06/23/15 10:00
15062318-008	MW35	GROUND WATER	06/23/15 10:02
15062318-009	MW20	GROUND WATER	06/23/15 10:14
15062318-010	MW19	GROUND WATER	06/23/15 10:17
15062318-011	Sys Eff	GROUND WATER	06/23/15 10:30

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in Case Narrative Summary.

Notes:

1. The presence of a common laboratory contaminant such as methylene chloride may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. Unless otherwise noted in the case narrative, results are reported on a dry weight basis with the exception of pH, flashpoint, moisture, and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].
4. The analyses of 1,2-dibromo-3-chloropropane (DBCP) and 1,2-dibromoethane (EDB) by EPA 524.2 and calcium, magnesium, sodium and iron by EPA 200.8 are not currently promulgated for use in testing to meet the Safe Drinking Water Act and as such cannot be used for compliance purposes. The listings of the current promulgated methods for testing in compliance with the Safe Drinking Water Act can be found in the 40 CFR part 141.1, for the primary drinking water contaminates, and part 141.3, for the secondary drinking water contaminates.
5. Sample prepared under EPA 3550C with concentrations greater than 20 mg/Kg should employ the microtip extraction procedure if required to meet data quality objectives.
6. The analysis of acrolein by EPA 624 must be analyzed within three days of sampling unless pH is adjusted to 4-5 units [40 CFR part 136.3(e)].
7. Method 180.1, The Determination of Turbidity by Nephelometry, recommends samples over 40 NTU be diluted until the turbidity falls below 40 units. Routine samples over 40 NTU may not be diluted as long as the data quality objectives are not affected.
8. Alkalinity results analyzed by EPA 310.2 that are reported by dilution are estimated and are not in compliance with method requirements.

Standard Flags/Abbreviations:

B	A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C	Results Pending Final Confirmation.
E	The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
Fail	The result exceeds the regulatory level for Toxicity Characteristic (TCLP) as cited in 40 CFR 261.24 Table 1.
J	The target analyte was positively identified below the reporting limit but greater than the MDL.
MDL	This is the Laboratory Method Detection Limit which is equivalent to the Limit of Detection (LOD). The LOD is an estimate of the minimum amount of a substance that an analytical process can reliably detect. This value will remain constant across multiple similar instrumentation and among different analysts. An LOD is analyte and matrix specific.
ND	Not Detected at or above the reporting limit.
RL	PSS Reporting Limit.
U	Not detected.

Sample Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15062318

Certifications:

NELAP Certifications: PA 68-03330, VA 460156
State Certifications: MD 179, WV 303
Regulated Soil Permit: P330-12-00268
NSWC USCG Accepted Laboratory
LDBE MWAA LD1997-0041-2015

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW24 **Date/Time Sampled: 06/23/2015 09:25** **PSS Sample ID: 15062318-001**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	06/23/15	06/24/15 03:17	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 18:47	1035

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CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW24 **Date/Time Sampled: 06/23/2015 09:25** **PSS Sample ID: 15062318-001**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/26/15 23:53	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/26/15 23:53	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/26/15 23:53	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Chloroform	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW24 **Date/Time Sampled: 06/23/2015 09:25** **PSS Sample ID: 15062318-001**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/26/15 23:53	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/26/15 23:53	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Naphthalene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/26/15 23:53	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/26/15 23:53	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/26/15 23:53	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW16 **Date/Time Sampled: 06/23/2015 09:25** **PSS Sample ID: 15062318-002**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.13		1	06/23/15	06/24/15 03:42	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 19:13	1035

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No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW16 **Date/Time Sampled: 06/23/2015 09:25** **PSS Sample ID: 15062318-002**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 02:14	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/27/15 02:14	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 02:14	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Chloroform	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW16 **Date/Time Sampled: 06/23/2015 09:25** **PSS Sample ID: 15062318-002**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 02:14	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/27/15 02:14	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Naphthalene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/27/15 02:14	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/27/15 02:14	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:14	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW50 **Date/Time Sampled: 06/23/2015 09:40** **PSS Sample ID: 15062318-003**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	06/23/15	06/24/15 03:42	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 19:38	1035

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CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW50 **Date/Time Sampled: 06/23/2015 09:40** **PSS Sample ID: 15062318-003**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 02:49	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/27/15 02:49	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 02:49	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Chloroform	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW50 **Date/Time Sampled: 06/23/2015 09:40** **PSS Sample ID: 15062318-003**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 02:49	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/27/15 02:49	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Naphthalene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/27/15 02:49	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/27/15 02:49	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/27/15 02:49	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW34 **Date/Time Sampled: 06/23/2015 09:40** **PSS Sample ID: 15062318-004**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	06/23/15	06/24/15 04:07	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 20:04	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW34 **Date/Time Sampled: 06/23/2015 09:40** **PSS Sample ID: 15062318-004**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 03:25	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/27/15 03:25	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 03:25	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Chloroform	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW34 **Date/Time Sampled: 06/23/2015 09:40** **PSS Sample ID: 15062318-004**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 03:25	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/27/15 03:25	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Naphthalene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/27/15 03:25	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/27/15 03:25	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/27/15 03:25	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW48 **Date/Time Sampled: 06/23/2015 09:50** **PSS Sample ID: 15062318-005**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	06/23/15	06/24/15 04:07	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 20:29	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW48 **Date/Time Sampled: 06/23/2015 09:50** **PSS Sample ID: 15062318-005**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 04:00	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/27/15 04:00	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 04:00	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Chloroform	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW48 **Date/Time Sampled: 06/23/2015 09:50** **PSS Sample ID: 15062318-005**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 04:00	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/27/15 04:00	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Naphthalene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/27/15 04:00	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/27/15 04:00	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:00	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW49 **Date/Time Sampled: 06/23/2015 09:52** **PSS Sample ID: 15062318-006**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	06/24/15	06/24/15 13:27	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 20:54	1035

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CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW49 **Date/Time Sampled: 06/23/2015 09:52** **PSS Sample ID: 15062318-006**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 04:36	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/27/15 04:36	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 04:36	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Chloroform	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW49 **Date/Time Sampled: 06/23/2015 09:52** **PSS Sample ID: 15062318-006**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 04:36	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/27/15 04:36	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Naphthalene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/27/15 04:36	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/27/15 04:36	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/27/15 04:36	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW33 **Date/Time Sampled: 06/23/2015 10:00** **PSS Sample ID: 15062318-007**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	06/24/15	06/24/15 13:27	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 21:19	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW33 **Date/Time Sampled: 06/23/2015 10:00** **PSS Sample ID: 15062318-007**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 05:11	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/27/15 05:11	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 05:11	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Chloroform	**1.5**	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW33 **Date/Time Sampled: 06/23/2015 10:00** **PSS Sample ID: 15062318-007**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 05:11	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/27/15 05:11	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Naphthalene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/27/15 05:11	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/27/15 05:11	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:11	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW35 **Date/Time Sampled: 06/23/2015 10:02** **PSS Sample ID: 15062318-008**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	06/24/15	06/24/15 13:52	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 21:45	1035

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CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW35 **Date/Time Sampled: 06/23/2015 10:02** **PSS Sample ID: 15062318-008**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 05:47	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/27/15 05:47	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 05:47	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Chloroform	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW35 **Date/Time Sampled: 06/23/2015 10:02** **PSS Sample ID: 15062318-008**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 05:47	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/27/15 05:47	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Naphthalene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/27/15 05:47	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/27/15 05:47	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/27/15 05:47	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW20 **Date/Time Sampled: 06/23/2015 10:14** **PSS Sample ID: 15062318-009**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.15**	mg/L	0.10		1	06/24/15	06/24/15 13:52	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 22:10	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW20 **Date/Time Sampled: 06/23/2015 10:14** **PSS Sample ID: 15062318-009**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 06:22	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/27/15 06:22	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 06:22	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Chloroform	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW20 **Date/Time Sampled: 06/23/2015 10:14** **PSS Sample ID: 15062318-009**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 06:22	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/27/15 06:22	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Naphthalene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/27/15 06:22	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/27/15 06:22	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:22	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW19 **Date/Time Sampled: 06/23/2015 10:17** **PSS Sample ID: 15062318-010**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	06/24/15	06/24/15 14:17	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 22:36	1035

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CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW19 **Date/Time Sampled: 06/23/2015 10:17** **PSS Sample ID: 15062318-010**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 06:58	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/27/15 06:58	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 06:58	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Chloroform	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW19 **Date/Time Sampled: 06/23/2015 10:17** **PSS Sample ID: 15062318-010**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 06:58	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/27/15 06:58	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Naphthalene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/27/15 06:58	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/27/15 06:58	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/27/15 06:58	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: Sys Eff **Date/Time Sampled: 06/23/2015 10:30** **PSS Sample ID: 15062318-011**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.12**	mg/L	0.10		1	06/24/15	06/24/15 14:17	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	06/24/15	06/24/15 23:01	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: Sys Eff **Date/Time Sampled: 06/23/2015 10:30** **PSS Sample ID: 15062318-011**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 07:33	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
Benzene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Bromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Bromoform	ND	ug/L	5.0		1	06/26/15	06/27/15 07:33	1011
Bromomethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/26/15	06/27/15 07:33	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
Carbon Disulfide	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Chlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Chloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Chloroform	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Chloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Cyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15062318

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 30, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: Sys Eff **Date/Time Sampled: 06/23/2015 10:30** **PSS Sample ID: 15062318-011**
Matrix: GROUND WATER **Date/Time Received: 06/23/2015 14:10**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Diisopropyl ether	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
Ethylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
2-Hexanone	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Methyl Acetate	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
Methylcyclohexane	ND	ug/L	10		1	06/26/15	06/27/15 07:33	1011
Methylene Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/26/15	06/27/15 07:33	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Naphthalene	**1.4**	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Styrene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Toluene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Trichloroethene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/26/15	06/27/15 07:33	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/26/15	06/27/15 07:33	1011
o-Xylene	ND	ug/L	1.0		1	06/26/15	06/27/15 07:33	1011

Case Narrative Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15062318

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

The analyses of chlorine, pH, dissolved oxygen, temperature and sulfite for drinking water and non-potable samples tested for compliance have a maximum holding time of 15 minutes. As such, all laboratory analyses for these analytes exceed holding times.

Matrix spike and matrix spike duplicate analyses may not be performed due to insufficient sample quantity. In these instances, a laboratory control sample and laboratory control sample duplicate are analyzed unless otherwise noted or specified in the method.

Sample Receipt:

All sample receipt conditions were acceptable.

NELAP accreditation was held for all analyses performed unless noted below. See www.phaseonline.com for complete PSS scope of accreditation.

Analytical Data Package Information Summary

Work Order(s): 15062318
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8015 C	MW24	Initial	15062318-001	1055	W	56019	123725	06/23/2015	06/23/2015 14:28	06/24/2015 03:17
	MW16	Initial	15062318-002	1055	W	56019	123725	06/23/2015	06/23/2015 14:28	06/24/2015 03:42
	MW50	Initial	15062318-003	1055	W	56019	123725	06/23/2015	06/23/2015 14:28	06/24/2015 03:42
	MW34	Initial	15062318-004	1055	W	56019	123725	06/23/2015	06/23/2015 14:28	06/24/2015 04:07
	MW48	Initial	15062318-005	1055	W	56019	123725	06/23/2015	06/23/2015 14:28	06/24/2015 04:07
	56019-1-BKS	BKS	56019-1-BKS	1055	W	56019	123725	--------	06/23/2015 14:28	06/23/2015 23:32
	56019-1-BLK	BLK	56019-1-BLK	1055	W	56019	123725	--------	06/23/2015 14:28	06/23/2015 23:07
	56019-1-BSD	BSD	56019-1-BSD	1055	W	56019	123725	--------	06/23/2015 14:28	06/23/2015 23:57
	MW49	Initial	15062318-006	1055	W	56028	123741	06/23/2015	06/24/2015 11:03	06/24/2015 13:27
	MW33	Initial	15062318-007	1055	W	56028	123741	06/23/2015	06/24/2015 11:03	06/24/2015 13:27
	MW35	Initial	15062318-008	1055	W	56028	123741	06/23/2015	06/24/2015 11:03	06/24/2015 13:52
	MW20	Initial	15062318-009	1055	W	56028	123741	06/23/2015	06/24/2015 11:03	06/24/2015 13:52
	MW19	Initial	15062318-010	1055	W	56028	123741	06/23/2015	06/24/2015 11:03	06/24/2015 14:17
	Sys Eff	Initial	15062318-011	1055	W	56028	123741	06/23/2015	06/24/2015 11:03	06/24/2015 14:17
	56028-1-BKS	BKS	56028-1-BKS	1055	W	56028	123741	--------	06/24/2015 11:03	06/24/2015 12:12
	56028-1-BLK	BLK	56028-1-BLK	1055	W	56028	123741	--------	06/24/2015 11:03	06/24/2015 13:02
	56028-1-BSD	BSD	56028-1-BSD	1055	W	56028	123741	--------	06/24/2015 11:03	06/24/2015 12:37
SW-846 8015C	MW24	Initial	15062318-001	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 18:47
	MW16	Initial	15062318-002	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 19:13
	MW50	Initial	15062318-003	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 19:38
	MW34	Initial	15062318-004	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 20:04
	MW48	Initial	15062318-005	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 20:29
	MW49	Initial	15062318-006	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 20:54
	MW33	Initial	15062318-007	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 21:19
	MW35	Initial	15062318-008	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 21:45
	MW20	Initial	15062318-009	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 22:10
	MW19	Initial	15062318-010	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 22:36
	Sys Eff	Initial	15062318-011	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/24/2015 23:01
	56049-2-BKS	BKS	56049-2-BKS	1035	W	56049	123750	--------	06/24/2015 13:35	06/24/2015 17:31

Analytical Data Package Information Summary

Work Order(s): 15062318
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8015C	56049-2-BLK	BLK	56049-2-BLK	1035	W	56049	123750	--------	06/24/2015 13:35	06/24/2015 15:24
	MW24 S	MS	15062318-001 S	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/25/2015 00:17
	MW24 SD	MSD	15062318-001 SD	1035	W	56049	123750	06/23/2015	06/24/2015 13:35	06/25/2015 00:43
SW-846 8260 B	MW24	Initial	15062318-001	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/26/2015 23:53
	MW16	Initial	15062318-002	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 02:14
	MW50	Initial	15062318-003	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 02:49
	MW34	Initial	15062318-004	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 03:25
	MW48	Initial	15062318-005	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 04:00
	MW49	Initial	15062318-006	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 04:36
	MW33	Initial	15062318-007	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 05:11
	MW35	Initial	15062318-008	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 05:47
	MW20	Initial	15062318-009	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 06:22
	MW19	Initial	15062318-010	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 06:58
	Sys Eff	Initial	15062318-011	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 07:33
	56092-1-BKS	BKS	56092-1-BKS	1011	W	56092	123834	--------	06/26/2015 20:21	06/26/2015 22:07
	56092-1-BLK	BLK	56092-1-BLK	1011	W	56092	123834	--------	06/26/2015 20:21	06/26/2015 23:17
	MW24 S	MS	15062318-001 S	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 00:28
	MW24 SD	MSD	15062318-001 SD	1011	W	56092	123834	06/23/2015	06/26/2015 20:21	06/27/2015 01:03

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123725 Matrix: Ground Water Date Prep: 06/23/2015
PSS Sample ID: 15062318-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	90		37-136	%	06/24/15 03:17

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	77		65-111	%	06/24/15 18:47

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	06/26/15 23:53
Dibromofluoromethane	102		84-110	%	06/26/15 23:53
Toluene-D8	103		94-109	%	06/26/15 23:53

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123725 Matrix: Ground Water Date Prep: 06/23/2015
PSS Sample ID: 15062318-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	93		37-136	%	06/24/15 03:42

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	77		65-111	%	06/24/15 19:13

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	101		81-133	%	06/27/15 02:14
Dibromofluoromethane	102		84-110	%	06/27/15 02:14
Toluene-D8	101		94-109	%	06/27/15 02:14

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123725 Matrix: Ground Water Date Prep: 06/23/2015
PSS Sample ID: 15062318-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	83		37-136	%	06/24/15 03:42

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	76		65-111	%	06/24/15 19:38

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	06/27/15 02:49
Dibromofluoromethane	102		84-110	%	06/27/15 02:49
Toluene-D8	102		94-109	%	06/27/15 02:49

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123725 Matrix: Ground Water Date Prep: 06/23/2015
PSS Sample ID: 15062318-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	88		37-136	%	06/24/15 04:07

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	76		65-111	%	06/24/15 20:04

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	98		81-133	%	06/27/15 03:25
Dibromofluoromethane	102		84-110	%	06/27/15 03:25
Toluene-D8	104		94-109	%	06/27/15 03:25

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123725 Matrix: Ground Water Date Prep: 06/23/2015
PSS Sample ID: 15062318-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	73		37-136	%	06/24/15 04:07

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	71		65-111	%	06/24/15 20:29

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		81-133	%	06/27/15 04:00
Dibromofluoromethane	102		84-110	%	06/27/15 04:00
Toluene-D8	102		94-109	%	06/27/15 04:00

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123741 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	55		37-136	%	06/24/15 13:27

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	75		65-111	%	06/24/15 20:54

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	06/27/15 04:36
Dibromofluoromethane	101		84-110	%	06/27/15 04:36
Toluene-D8	102		94-109	%	06/27/15 04:36

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123741 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	77		37-136	%	06/24/15 13:27

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	75		65-111	%	06/24/15 21:19

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	06/27/15 05:11
Dibromofluoromethane	102		84-110	%	06/27/15 05:11
Toluene-D8	102		94-109	%	06/27/15 05:11

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123741 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	69		37-136	%	06/24/15 13:52

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	73		65-111	%	06/24/15 21:45

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		81-133	%	06/27/15 05:47
Dibromofluoromethane	103		84-110	%	06/27/15 05:47
Toluene-D8	101		94-109	%	06/27/15 05:47

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123741 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	72		37-136	%	06/24/15 13:52

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	75		65-111	%	06/24/15 22:10

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		81-133	%	06/27/15 06:22
Dibromofluoromethane	102		84-110	%	06/27/15 06:22
Toluene-D8	102		94-109	%	06/27/15 06:22

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123741 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	70		37-136	%	06/24/15 14:17

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	75		65-111	%	06/24/15 22:36

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		81-133	%	06/27/15 06:58
Dibromofluoromethane	103		84-110	%	06/27/15 06:58
Toluene-D8	102		94-109	%	06/27/15 06:58

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QC Summary 15062318

UMM Shore Regional Health at Chestertown
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Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123741 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	78		37-136	%	06/24/15 14:17

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/2015
PSS Sample ID: 15062318-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	77		65-111	%	06/24/15 23:01

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/2015
PSS Sample ID: 15062318-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	96		81-133	%	06/27/15 07:33
Dibromofluoromethane	103		84-110	%	06/27/15 07:33
Toluene-D8	104		94-109	%	06/27/15 07:33

F = RPD exceeded the laboratory control limits
X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits
L = Recovery of BS,BSD or both below the laboratory control limits

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123725 Matrix: Water Date Prep: 06/23/15
MB Sample Id: 56019-1-BLK LCS Sample Id: 56019-1-BKS LCSD Sample Id: 56019-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-DRO (Diesel Range Organics)	<0.1000	1.000	0.9192	92	0.9167	92	61-119	0	20	mg/L	06/23/15 23:32	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	LCSD Result	LCSD Flag	Limits	Units	Analysis Date
o-Terphenyl	76		84		82		37-136	%	06/23/15 23:32

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123741 Matrix: Water Date Prep: 06/24/15
MB Sample Id: 56028-1-BLK LCS Sample Id: 56028-1-BKS LCSD Sample Id: 56028-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-DRO (Diesel Range Organics)	<0.1000	1.000	0.9096	91	0.8911	89	61-119	2	20	mg/L	06/24/15 12:12	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	LCSD Result	LCSD Flag	Limits	Units	Analysis Date
o-Terphenyl	89		81		80		37-136	%	06/24/15 12:12

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Water Date Prep: 06/24/15
MB Sample Id: 56049-2-BLK LCS Sample Id: 56049-2-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
TPH-GRO (Gasoline Range Organic:	<100	5000	5026	101	61-138	ug/L	06/24/15 17:31	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	77		84		65-111	%	06/24/15 17:31

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123750 Matrix: Ground Water Date Prep: 06/24/15
Parent Sample Id: 15062318-001 MS Sample Id: 15062318-001 S MSD Sample Id: 15062318-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-GRO (Gasoline Range Organic:	<100	5000	4450	89	4321	86	58-136	3	25	ug/L	06/25/15 00:17	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	77		75		65-111	%	06/25/15 00:17

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Water Date Prep: 06/26/15
MB Sample Id: 56092-1-BLK LCS Sample Id: 56092-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<10.00	50.00	60.86	122	53-146	ug/L	06/26/15 22:07	
tert-Amyl alcohol	<20.00	50.00	52.98	106	27-139	ug/L	06/26/15 22:07	
tert-Amyl ethyl ether	<10.00	50.00	49.62	99	60-121	ug/L	06/26/15 22:07	
tert-Amyl methyl ether	<10.00	50.00	49.30	99	61-129	ug/L	06/26/15 22:07	
Benzene	<1.000	50.00	52.52	105	77-122	ug/L	06/26/15 22:07	
Bromochloromethane	<1.000	50.00	49.03	98	71-122	ug/L	06/26/15 22:07	
Bromodichloromethane	<1.000	50.00	53.52	107	76-122	ug/L	06/26/15 22:07	
Bromoform	<5.000	50.00	50.83	102	69-115	ug/L	06/26/15 22:07	
Bromomethane	<1.000	50.00	55.99	112	40-147	ug/L	06/26/15 22:07	
tert-Butyl alcohol	<20.00	50.00	62.36	125	15-150	ug/L	06/26/15 22:07	
2-Butanone (MEK)	<10.00	50.00	53.40	107	56-133	ug/L	06/26/15 22:07	
tert-Butyl ethyl ether	<10.00	50.00	48.83	98	62-137	ug/L	06/26/15 22:07	
Carbon Disulfide	<10.00	50.00	45.67	91	62-134	ug/L	06/26/15 22:07	
Carbon Tetrachloride	<1.000	50.00	46.84	94	74-127	ug/L	06/26/15 22:07	
Chlorobenzene	<1.000	50.00	49.23	98	76-116	ug/L	06/26/15 22:07	
Chloroethane	<1.000	50.00	54.98	110	59-132	ug/L	06/26/15 22:07	
Chloroform	<1.000	50.00	50.32	101	71-118	ug/L	06/26/15 22:07	
Chloromethane	<1.000	50.00	57.50	115	62-131	ug/L	06/26/15 22:07	
Cyclohexane	<10.00	50.00	43.21	86	46-150	ug/L	06/26/15 22:07	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	49.79	100	59-135	ug/L	06/26/15 22:07	
Dibromochloromethane	<1.000	50.00	48.00	96	75-114	ug/L	06/26/15 22:07	
1,2-Dibromoethane (EDB)	<1.000	50.00	50.69	101	78-121	ug/L	06/26/15 22:07	
1,2-Dichlorobenzene	<1.000	50.00	49.52	99	80-122	ug/L	06/26/15 22:07	
1,3-Dichlorobenzene	<1.000	50.00	48.98	98	80-122	ug/L	06/26/15 22:07	
1,4-Dichlorobenzene	<1.000	50.00	49.24	98	77-118	ug/L	06/26/15 22:07	
Dichlorodifluoromethane	<1.000	50.00	49.04	98	54-139	ug/L	06/26/15 22:07	
1,1-Dichloroethane	<1.000	50.00	48.86	98	51-136	ug/L	06/26/15 22:07	
1,2-Dichloroethane	<1.000	50.00	52.61	105	64-130	ug/L	06/26/15 22:07	
1,1-Dichloroethene	<1.000	50.00	55.98	112	59-123	ug/L	06/26/15 22:07	
cis-1,2-Dichloroethene	<1.000	50.00	47.82	96	77-119	ug/L	06/26/15 22:07	
1,2-Dichloropropane	<1.000	50.00	51.76	104	75-125	ug/L	06/26/15 22:07	
cis-1,3-Dichloropropene	<1.000	50.00	47.34	95	74-123	ug/L	06/26/15 22:07	
trans-1,3-Dichloropropene	<1.000	50.00	50.84	102	73-116	ug/L	06/26/15 22:07	
trans-1,2-Dichloroethene	<1.000	50.00	47.17	94	58-134	ug/L	06/26/15 22:07	
Diisopropyl ether	<10.00	50.00	51.99	104	48-146	ug/L	06/26/15 22:07	
Ethylbenzene	<1.000	50.00	51.10	102	79-122	ug/L	06/26/15 22:07	
2-Hexanone	<10.00	50.00	56.56	113	56-134	ug/L	06/26/15 22:07	
Isopropylbenzene	<1.000	50.00	47.83	96	80-128	ug/L	06/26/15 22:07	
Methyl Acetate	<10.00	50.00	57.53	115	47-145	ug/L	06/26/15 22:07	
Methylcyclohexane	<10.00	50.00	45.32	91	61-155	ug/L	06/26/15 22:07	
Methylene Chloride	<1.000	50.00	43.46	87	61-126	ug/L	06/26/15 22:07	
4-Methyl-2-Pentanone	<5.000	50.00	54.29	109	45-145	ug/L	06/26/15 22:07	
Methyl-t-butyl ether	<1.000	50.00	47.81	96	30-168	ug/L	06/26/15 22:07	
Naphthalene	<1.000	50.00	47.28	95	46-154	ug/L	06/26/15 22:07	
Styrene	<1.000	50.00	46.72	93	73-118	ug/L	06/26/15 22:07	
1,1,2,2-Tetrachloroethane	<1.000	50.00	52.95	106	71-126	ug/L	06/26/15 22:07	
Tetrachloroethene	<1.000	50.00	49.86	100	78-113	ug/L	06/26/15 22:07	
Toluene	<1.000	50.00	52.84	106	77-123	ug/L	06/26/15 22:07	
1,2,3-Trichlorobenzene	<1.000	50.00	49.01	98	66-140	ug/L	06/26/15 22:07	
1,2,4-Trichlorobenzene	<1.000	50.00	47.90	96	72-143	ug/L	06/26/15 22:07	
1,1,1-Trichloroethane	<1.000	50.00	47.34	95	66-133	ug/L	06/26/15 22:07	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B

Prep Method: SW5030B

Seq Number: 123834

Matrix: Water

Date Prep: 06/26/15

MB Sample Id: 56092-1-BLK

LCS Sample Id: 56092-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	56.19	112	72-128	ug/L	06/26/15 22:07	
Trichloroethene	<1.000	50.00	50.14	100	72-127	ug/L	06/26/15 22:07	
Trichlorofluoromethane	<5.000	50.00	59.10	118	45-130	ug/L	06/26/15 22:07	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	53.44	107	56-126	ug/L	06/26/15 22:07	
Vinyl Chloride	<1.000	50.00	54.19	108	64-132	ug/L	06/26/15 22:07	
m,p-Xylenes	<2.000	100	95.65	96	78-119	ug/L	06/26/15 22:07	
o-Xylene	<1.000	50.00	47.25	95	79-123	ug/L	06/26/15 22:07	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	98		96		81-133	%	06/26/15 22:07
Dibromofluoromethane	101		100		84-110	%	06/26/15 22:07
Toluene-D8	102		105		94-109	%	06/26/15 22:07

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/15
Parent Sample Id: 15062318-001 MS Sample Id: 15062318-001 S MSD Sample Id: 15062318-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<10.00	50.00	62.31	125	60.09	120	41-161	4	25	ug/L	06/27/15 00:28	
tert-Amyl alcohol	<20.00	50.00	43.86	88	47.19	94	5-149	7	25	ug/L	06/27/15 00:28	
tert-Amyl ethyl ether	<10.00	50.00	44.96	90	44.07	88	48-129	2	25	ug/L	06/27/15 00:28	
tert-Amyl methyl ether	<10.00	50.00	45.05	90	45.51	91	50-139	1	25	ug/L	06/27/15 00:28	
Benzene	<1.000	50.00	50.58	101	49.31	99	75-132	3	25	ug/L	06/27/15 00:28	
Bromochloromethane	<1.000	50.00	45.99	92	45.56	91	67-130	1	25	ug/L	06/27/15 00:28	
Bromodichloromethane	<1.000	50.00	49.02	98	48.87	98	69-134	0	25	ug/L	06/27/15 00:28	
Bromoform	<5.000	50.00	47.89	96	48.22	96	65-115	1	25	ug/L	06/27/15 00:28	
Bromomethane	<1.000	50.00	53.86	108	53.54	107	29-154	1	25	ug/L	06/27/15 00:28	
tert-Butyl alcohol	<20.00	50.00	57.65	115	59.79	120	1-183	4	25	ug/L	06/27/15 00:28	
2-Butanone (MEK)	<10.00	50.00	50.03	100	50.35	101	47-140	1	25	ug/L	06/27/15 00:28	
tert-Butyl ethyl ether	<10.00	50.00	44.77	90	45.36	91	55-141	1	25	ug/L	06/27/15 00:28	
Carbon Disulfide	<10.00	50.00	43.16	86	43.06	86	59-146	0	25	ug/L	06/27/15 00:28	
Carbon Tetrachloride	<1.000	50.00	44.79	90	43.43	87	74-136	3	25	ug/L	06/27/15 00:28	
Chlorobenzene	<1.000	50.00	47.28	95	46.06	92	78-115	3	25	ug/L	06/27/15 00:28	
Chloroethane	<1.000	50.00	54.21	108	53.34	107	40-150	2	25	ug/L	06/27/15 00:28	
Chloroform	<1.000	50.00	48.98	98	48.14	96	67-130	2	25	ug/L	06/27/15 00:28	
Chloromethane	<1.000	50.00	56.06	112	55.10	110	59-144	2	25	ug/L	06/27/15 00:28	
Cyclohexane	<10.00	50.00	42.12	84	40.14	80	34-161	5	25	ug/L	06/27/15 00:28	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	45.53	91	46.31	93	45-125	2	25	ug/L	06/27/15 00:28	
Dibromochloromethane	<1.000	50.00	44.59	89	44.67	89	73-114	0	25	ug/L	06/27/15 00:28	
1,2-Dibromoethane (EDB)	<1.000	50.00	47.49	95	47.91	96	72-126	1	25	ug/L	06/27/15 00:28	
1,2-Dichlorobenzene	<1.000	50.00	46.94	94	46.18	92	73-117	2	25	ug/L	06/27/15 00:28	
1,3-Dichlorobenzene	<1.000	50.00	46.21	92	45.09	90	73-117	2	25	ug/L	06/27/15 00:28	
1,4-Dichlorobenzene	<1.000	50.00	46.79	94	45.34	91	72-111	3	25	ug/L	06/27/15 00:28	
Dichlorodifluoromethane	<1.000	50.00	44.66	89	45.23	90	47-159	1	25	ug/L	06/27/15 00:28	
1,1-Dichloroethane	<1.000	50.00	46.72	93	45.62	91	44-152	2	25	ug/L	06/27/15 00:28	
1,2-Dichloroethane	<1.000	50.00	49.00	98	49.27	99	60-142	1	25	ug/L	06/27/15 00:28	
1,1-Dichloroethene	<1.000	50.00	54.40	109	52.84	106	50-136	3	25	ug/L	06/27/15 00:28	
cis-1,2-Dichloroethene	<1.000	50.00	44.94	90	44.67	89	76-127	1	25	ug/L	06/27/15 00:28	
1,2-Dichloropropane	<1.000	50.00	49.37	99	47.67	95	70-139	4	25	ug/L	06/27/15 00:28	
cis-1,3-Dichloropropene	<1.000	50.00	42.42	85	42.10	84	64-127	1	25	ug/L	06/27/15 00:28	
trans-1,3-Dichloropropene	<1.000	50.00	45.33	91	45.07	90	62-123	1	25	ug/L	06/27/15 00:28	
trans-1,2-Dichloroethene	<1.000	50.00	45.23	90	44.60	89	54-144	1	25	ug/L	06/27/15 00:28	
Diisopropyl ether	<10.00	50.00	48.61	97	48.65	97	49-150	0	25	ug/L	06/27/15 00:28	
Ethylbenzene	<1.000	50.00	48.87	98	47.74	95	74-129	2	25	ug/L	06/27/15 00:28	
2-Hexanone	<10.00	50.00	52.92	106	54.81	110	50-130	4	25	ug/L	06/27/15 00:28	
Isopropylbenzene	<1.000	50.00	45.94	92	44.31	89	72-130	4	25	ug/L	06/27/15 00:28	
Methyl Acetate	<10.00	50.00	43.18	86	42.94	86	37-143	1	25	ug/L	06/27/15 00:28	
Methylcyclohexane	<10.00	50.00	43.61	87	41.07	82	55-148	6	25	ug/L	06/27/15 00:28	
Methylene Chloride	<1.000	50.00	38.88	78	39.62	79	56-137	2	25	ug/L	06/27/15 00:28	
4-Methyl-2-Pentanone	<5.000	50.00	46.89	94	53.50	107	44-133	13	25	ug/L	06/27/15 00:28	
Methyl-t-butyl ether	<1.000	50.00	44.02	88	44.93	90	22-182	2	25	ug/L	06/27/15 00:28	
Naphthalene	<1.000	50.00	42.88	86	42.95	86	7-137	0	25	ug/L	06/27/15 00:28	
Styrene	<1.000	50.00	45.01	90	43.87	88	67-121	3	25	ug/L	06/27/15 00:28	
1,1,2,2-Tetrachloroethane	<1.000	50.00	46.78	94	49.88	100	68-127	6	25	ug/L	06/27/15 00:28	
Tetrachloroethene	<1.000	50.00	46.78	94	45.79	92	69-126	2	25	ug/L	06/27/15 00:28	
Toluene	<1.000	50.00	49.29	99	48.07	96	74-132	3	25	ug/L	06/27/15 00:28	
1,2,3-Trichlorobenzene	<1.000	50.00	45.30	91	45.36	91	9-139	0	25	ug/L	06/27/15 00:28	
1,2,4-Trichlorobenzene	<1.000	50.00	44.42	89	43.06	86	31-135	3	25	ug/L	06/27/15 00:28	
1,1,1-Trichloroethane	<1.000	50.00	45.31	91	44.48	89	70-138	2	25	ug/L	06/27/15 00:28	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15062318

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B

Seq Number: 123834 Matrix: Ground Water Date Prep: 06/26/15

Parent Sample Id: 15062318-001 MS Sample Id: 15062318-001 S MSD Sample Id: 15062318-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	50.27	101	51.88	104	65-143	3	25	ug/L	06/27/15 00:28	
Trichloroethene	<1.000	50.00	47.08	94	45.71	91	67-139	3	25	ug/L	06/27/15 00:28	
Trichlorofluoromethane	<5.000	50.00	57.65	115	55.48	111	37-147	4	25	ug/L	06/27/15 00:28	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	54.06	108	51.01	102	47-139	6	25	ug/L	06/27/15 00:28	
Vinyl Chloride	<1.000	50.00	53.80	108	51.56	103	60-146	4	25	ug/L	06/27/15 00:28	
m,p-Xylenes	<2.000	100	93.08	93	90.33	90	78-119	3	25	ug/L	06/27/15 00:28	
o-Xylene	<1.000	50.00	45.60	91	44.51	89	80-123	2	25	ug/L	06/27/15 00:28	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	95		96		81-133	%	06/27/15 00:28
Dibromofluoromethane	100		101		84-110	%	06/27/15 00:28
Toluene-D8	102		102		94-109	%	06/27/15 00:28

F = RPD exceeded the laboratory control limits
X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits
L = Recovery of BS,BSD or both below the laboratory control limits

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)

*CLIENT: MMM *OFFICE LOC. WILMINGTON, DE

*PROJECT MGR: KEN HANNON *PHONE NO.: 302 656-9600

EMAIL: RHANNON@BRIGHTFIELD FAX NO.: ( )

*PROJECT NAME: CRAC PROJECT NO.:

SITE LOCATION: CHESTERTOWN, MD P.O. NO.:

SAMPLER(S): R. MORTEL, K. PLATT DW CERT NO.:

PSS Work Order #: 15062318 PAGE 1 OF 2

Matrix Codes: **SW**=Surface Wtr **DW**=Drinking Wtr **GW**=Ground Wtr **WW**=Waste Wtr **O**=Oil **S**=Soil **L**=Liquid **SOL**=Solid **A**=Air **WI**=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	DRO VIA 8015	GRO VIA 8015	VOC VIA 8260	FUEL OXYGENATES								REMARKS
Preservatives Used																		
Analysis/ Method Required (3) *																		
1	MW24	6/23/15	0925	GW	5	G	X	X	X	X								
2	MW16	↓	0925	↓	↓	↓	X	X	X	X								
3	MW50		0940				X	X	X	X								
4	MW34		0940				X	X	X	X								
5	MW48		0950				X	X	X	X								
6	MW49		0952				X	X	X	X								
7	MW33		1000				X	X	X	X								
8	MW35		1002				X	X	X	X								
9	MW20		1014				X	X	X	X								
10	MW19	↓	1017	↓	↓	↓	X	X	X	X								

(5)

Relinquished By:	Date	Time	Received By:
(1) R. Mortel	6/23/15	1212	Gama 6/23/15 1212
(2) Gama	6/23	1410	[signature]
(3)			
(4)			

(4)

*Requested TAT (One TAT per COC): ☑ 5-Day ☐ 3-Day ☐ 2-Day ☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required: COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER _____

Special Instructions:

DW COMPLIANCE? YES ☐

EDD FORMAT TYPE _____

STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER _____

# of Coolers: 2

Custody Seal: ABS

Ice Present: PLES Temp: 6.5°C

Shipping Carrier: TTE

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary. * = REQUIRED

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

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PSS Work Order #: 15062318 PAGE 2 OF 2

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(1)
*CLIENT: UMM *OFFICE LOC: WILMINGTON, DE
*PROJECT MGR: KEN HANNON *PHONE NO.: 302) 656-9600
EMAIL: KHANNON@BRIGHTFIELDS FAX NO.: ( )
*PROJECT NAME: CRHC PROJECT NO.:
SITE LOCATION: CHESTERTOWN, MD P.O. NO.:
SAMPLER(S): R. MORTEL, K. PLATT DW CERT NO.:

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	DRO VIA 8015	GRO VIA 8015	VOC VIA 8260	FUEL OXYGENATES								REMARKS
Preservatives Used								HCl	HCl									
Analysis/ Method Required (3) *																		
11	SYS EFF	6/23/15	1030	GW	5	G	X	X	X	X								

(5)

Relinquished By: (1)	Date	Time	Received By:
[signature]	6/23/15	1212	[signature] 6/23/15 12:12
Relinquished By: (2)	Date	Time	Received By:
[signature]	6/23	1410	[signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)
*Requested TAT (One TAT per COC): ☑ 5-Day ☐ 3-Day ☐ 2-Day ☐ Next Day ☐ Emergency ☐ Other
Data Deliverables Required: COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER ____
# of Coolers: 2
Custody Seal: ABS
Ice Present: PLES Temp: 6.5°C
Shipping Carrier: TTE
Special Instructions:
DW COMPLIANCE? YES ☐
EDD FORMAT TYPE ____
STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER ____

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The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary. * = REQUIRED

Phase Separation Science, Inc

Sample Receipt Checklist

Work Order #	15062318	**Received By**	Rachel Davis
Client Name	UMM Shore Regional Health at Ches	**Date Received**	06/23/2015 02:10:00 PM
Project Name	CRHC	**Delivered By**	Trans Time Express
Disposal Date	07/28/2015	**Tracking No**	Not Applicable
		Logged In By	Rachel Davis

Shipping Container(s)

No. of Coolers 2

		Ice	Present
Custody Seal(s) Intact?	N/A	Temp (deg C)	5
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No
		Ice	Present
Custody Seal(s) Intact?	N/A	Temp (deg C)	6
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No

Documentation

		Sampler Name	R. Mortel
COC agrees with sample labels?	Yes	MD DW Cert. No.	N/A
Chain of Custody	Yes		

Sample Container

		Custody Seal(s) Intact?	Not Applicable
Appropriate for Specified Analysis?	Yes	Seal(s) Signed / Dated	Not Applicable
Intact?	Yes		
Labeled and Labels Legible?	Yes		

Total No. of Samples Received 11

Total No. of Containers Received 55

Preservation

Metals	(pH<2)	N/A
Cyanides	(pH>12)	N/A
Sulfide	(pH>9)	N/A
TOC, COD, Phenols	(pH<2)	N/A
TOX, TKN, NH3, Total Phos	(pH<2)	N/A
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	Yes
Do VOA vials have zero headspace?		Yes
624 VOC (Rcvd at least one unpreserved VOA vial)		N/A

Phase Separation Science, Inc

Sample Receipt Checklist

Work Order #	15062318	**Received By**	Rachel Davis
Client Name	UMM Shore Regional Health at Ches	**Date Received**	06/23/2015 02:10:00 PM
Project Name	CRHC	**Delivered By**	Trans Time Express
Disposal Date	07/28/2015	**Tracking No**	Not Applicable
		Logged In By	Rachel Davis

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling. Samples which require thermal preservation shall be considered acceptable when received at a temperature above freezing to 6°C. Samples that are hand delivered on the day that they are collected may not meet these criteria but shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice.

Samples Inspected/Checklist Completed By: Rachel Davis — Date: 06/23/2015

PM Review and Approval: Shirley Rivera — Date: 06/23/2015

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FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.

June 4, 2015

Ken Hannon
UMM Shore Regional Health at Chestertown
100 Brown Street
Chestertown, MD 21620

Reference: PSS Work Order(s) No: **15052815**
Project Name: CRHC
Project Location: Chestertown, MD

Dear Ken Hannon :

This report includes the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order(s) numbered **15052815**.

All work reported herein has been performed in accordance with current NELAP standards, referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual unless otherwise noted in the Case Narrative Summary. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on July 2, 2015. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 5 years, after which time it will be disposed of without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Sincerely,

Dan Prucnal
Laboratory Manager

Sample Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15052815

The following samples were received under chain of custody by Phase Separation Science (PSS) on 05/28/2015 at 01:40 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
15052815-001	MW24	GROUND WATER	05/28/15 09:35
15052815-002	MW16	GROUND WATER	05/28/15 09:35
15052815-003	MW50	GROUND WATER	05/28/15 09:48
15052815-004	MW48	GROUND WATER	05/28/15 09:50
15052815-005	MW49	GROUND WATER	05/28/15 10:00
15052815-006	MW15	GROUND WATER	05/28/15 10:00
15052815-007	MW33	GROUND WATER	05/28/15 10:10
15052815-008	MW34	GROUND WATER	05/28/15 10:12
15052815-009	MW35	GROUND WATER	05/28/15 10:20
15052815-010	MW20	GROUND WATER	05/28/15 10:20
15052815-011	MW19	GROUND WATER	05/28/15 10:35
15052815-012	SYS EFF	GROUND WATER	05/28/15 10:35

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in Case Narrative Summary.

Notes:

1. The presence of a common laboratory contaminant such as methylene chloride may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. Unless otherwise noted in the case narrative, results are reported on a dry weight basis with the exception of pH, flashpoint, moisture, and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].
4. The analyses of 1,2-dibromo-3-chloropropane (DBCP) and 1,2-dibromoethane (EDB) by EPA 524.2 and calcium, magnesium, sodium and iron by EPA 200.8 are not currently promulgated for use in testing to meet the Safe Drinking Water Act and as such cannot be used for compliance purposes. The listings of the current promulgated methods for testing in compliance with the Safe Drinking Water Act can be found in the 40 CFR part 141.1, for the primary drinking water contaminates, and part 141.3, for the secondary drinking water contaminates.
5. Sample prepared under EPA 3550C with concentrations greater than 20 mg/Kg should employ the microtip extraction procedure if required to meet data quality objectives.
6. The analysis of acrolein by EPA 624 must be analyzed within three days of sampling unless pH is adjusted to 4-5 units [40 CFR part 136.3(e)].
7. Method 180.1, The Determination of Turbidity by Nephelometry, recommends samples over 40 NTU be diluted until the turbidity falls below 40 units. Routine samples over 40 NTU may not be diluted as long as the data quality objectives are not affected.
8. Alkalinity results analyzed by EPA 310.2 that are reported by dilution are estimated and are not in compliance with method requirements.

Standard Flags/Abbreviations:

B	A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C	Results Pending Final Confirmation.
E	The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
Fail	The result exceeds the regulatory level for Toxicity Characteristic (TCLP) as cited in 40 CFR 261.24 Table 1.
J	The target analyte was positively identified below the reporting limit but greater than the MDL.
MDL	This is the Laboratory Method Detection Limit which is equivalent to the Limit of Detection (LOD). The LOD is an estimate of the minimum amount of a substance that an analytical process can reliably detect. This value will remain constant across multiple similar instrumentation and among different analysts. An LOD is analyte and matrix specific.
ND	Not Detected at or above the reporting limit.
RL	PSS Reporting Limit.
U	Not detected.

Sample Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15052815

Certifications:

NELAP Certifications: PA 68-03330, VA 460156
State Certifications: MD 179, WV 303
Regulated Soil Permit: P330-12-00268
NSWC USCG Accepted Laboratory
LDBE MWAA LD1997-0041-2015

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW24 **Date/Time Sampled: 05/28/2015 09:35** **PSS Sample ID: 15052815-001**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	05/29/15	05/29/15 13:31	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 12:56	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW24 **Date/Time Sampled: 05/28/2015 09:35** **PSS Sample ID: 15052815-001**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/02/15 15:36	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/02/15 15:36	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/02/15 15:36	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Chloroform	**1.1**	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW24 **Date/Time Sampled: 05/28/2015 09:35** **PSS Sample ID: 15052815-001**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/02/15 15:36	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/02/15 15:36	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/02/15 15:36	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/02/15 15:36	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/02/15 15:36	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW16 **Date/Time Sampled: 05/28/2015 09:35** **PSS Sample ID: 15052815-002**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	05/29/15	05/29/15 14:02	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 13:21	1035

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW16 **Date/Time Sampled: 05/28/2015 09:35** **PSS Sample ID: 15052815-002**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/02/15 18:31	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/02/15 18:31	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/02/15 18:31	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Chloroform	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW16 **Date/Time Sampled: 05/28/2015 09:35** **PSS Sample ID: 15052815-002**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/02/15 18:31	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/02/15 18:31	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/02/15 18:31	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/02/15 18:31	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/02/15 18:31	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW50 **Date/Time Sampled: 05/28/2015 09:48** **PSS Sample ID: 15052815-003**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	05/29/15	05/29/15 14:02	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 13:47	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW50 **Date/Time Sampled: 05/28/2015 09:48** **PSS Sample ID: 15052815-003**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/02/15 19:06	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/02/15 19:06	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/02/15 19:06	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Chloroform	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW50 **Date/Time Sampled: 05/28/2015 09:48** **PSS Sample ID: 15052815-003**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/02/15 19:06	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/02/15 19:06	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/02/15 19:06	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/02/15 19:06	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:06	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW48 **Date/Time Sampled: 05/28/2015 09:50** **PSS Sample ID: 15052815-004**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	05/29/15	05/29/15 14:32	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 14:12	1035

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW48 **Date/Time Sampled: 05/28/2015 09:50** **PSS Sample ID: 15052815-004**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/02/15 19:40	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/02/15 19:40	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/02/15 19:40	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Chloroform	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW48 **Date/Time Sampled: 05/28/2015 09:50** **PSS Sample ID: 15052815-004**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/02/15 19:40	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/02/15 19:40	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/02/15 19:40	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/02/15 19:40	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/02/15 19:40	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW49 **Date/Time Sampled: 05/28/2015 10:00** **PSS Sample ID: 15052815-005**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	05/29/15	05/29/15 14:32	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 14:38	1035

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW49 **Date/Time Sampled: 05/28/2015 10:00** **PSS Sample ID: 15052815-005**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 00:58	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/03/15 00:58	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 00:58	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Chloroform	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW49 **Date/Time Sampled: 05/28/2015 10:00** **PSS Sample ID: 15052815-005**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 00:58	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/03/15 00:58	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/03/15 00:58	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/03/15 00:58	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/03/15 00:58	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW15 **Date/Time Sampled: 05/28/2015 10:00** **PSS Sample ID: 15052815-006**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	05/29/15	05/29/15 15:03	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 15:03	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW15 **Date/Time Sampled: 05/28/2015 10:00** **PSS Sample ID: 15052815-006**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 03:21	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/03/15 03:21	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 03:21	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Chloroform	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW15 **Date/Time Sampled: 05/28/2015 10:00** **PSS Sample ID: 15052815-006**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 03:21	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/03/15 03:21	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/03/15 03:21	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/03/15 03:21	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:21	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW33 **Date/Time Sampled: 05/28/2015 10:10** **PSS Sample ID: 15052815-007**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	05/29/15	05/29/15 15:03	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 15:29	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW33 **Date/Time Sampled: 05/28/2015 10:10** **PSS Sample ID: 15052815-007**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 03:57	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/03/15 03:57	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 03:57	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Chloroform	**1.7**	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW33 **Date/Time Sampled: 05/28/2015 10:10** **PSS Sample ID: 15052815-007**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 03:57	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/03/15 03:57	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/03/15 03:57	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/03/15 03:57	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/03/15 03:57	1011

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW34 **Date/Time Sampled: 05/28/2015 10:12** **PSS Sample ID: 15052815-008**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.12		1	05/29/15	05/29/15 15:34	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 15:55	1035

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW34 **Date/Time Sampled: 05/28/2015 10:12** **PSS Sample ID: 15052815-008**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 04:33	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/03/15 04:33	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 04:33	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Chloroform	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW34 **Date/Time Sampled: 05/28/2015 10:12** **PSS Sample ID: 15052815-008**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 04:33	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/03/15 04:33	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/03/15 04:33	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/03/15 04:33	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/03/15 04:33	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW35 **Date/Time Sampled: 05/28/2015 10:20** **PSS Sample ID: 15052815-009**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	05/29/15	05/29/15 15:34	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 16:20	1035

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW35 **Date/Time Sampled: 05/28/2015 10:20** **PSS Sample ID: 15052815-009**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates Analytical Method: SW-846 8260 B Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 05:07	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/03/15 05:07	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 05:07	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Chloroform	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW35 **Date/Time Sampled: 05/28/2015 10:20** **PSS Sample ID: 15052815-009**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 05:07	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/03/15 05:07	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/03/15 05:07	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/03/15 05:07	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:07	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW20 **Date/Time Sampled: 05/28/2015 10:20** **PSS Sample ID: 15052815-010**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.10		1	05/29/15	05/29/15 16:05	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 16:46	1035

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW20 **Date/Time Sampled: 05/28/2015 10:20** **PSS Sample ID: 15052815-010**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 05:42	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/03/15 05:42	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 05:42	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Chloroform	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW20 **Date/Time Sampled: 05/28/2015 10:20** **PSS Sample ID: 15052815-010**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 05:42	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/03/15 05:42	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/03/15 05:42	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/03/15 05:42	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/03/15 05:42	1011

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW19 **Date/Time Sampled: 05/28/2015 10:35** **PSS Sample ID: 15052815-011**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.11		1	05/29/15	05/29/15 16:05	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 17:11	1035

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW19 **Date/Time Sampled: 05/28/2015 10:35** **PSS Sample ID: 15052815-011**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 06:17	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/03/15 06:17	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 06:17	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Chloroform	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: MW19 **Date/Time Sampled: 05/28/2015 10:35** **PSS Sample ID: 15052815-011**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 06:17	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/03/15 06:17	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/03/15 06:17	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/03/15 06:17	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:17	1011

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: SYS EFF **Date/Time Sampled: 05/28/2015 10:35** **PSS Sample ID: 15052815-012**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW-846 8015 C — Preparation Method: 3510C

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.11**	mg/L	0.10		1	05/29/15	05/29/15 16:35	1055

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW-846 8015C — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	05/29/15	05/29/15 17:36	1035

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CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: SYS EFF **Date/Time Sampled: 05/28/2015 10:35** **PSS Sample ID: 15052815-012**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Acetone	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
tert-Amyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 06:53	1011
tert-Amyl methyl ether	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
Benzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Bromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Bromodichloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Bromoform	ND	ug/L	5.0		1	06/02/15	06/03/15 06:53	1011
Bromomethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
tert-Butyl alcohol	ND	ug/L	20		1	06/02/15	06/03/15 06:53	1011
2-Butanone (MEK)	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
Carbon Disulfide	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
Carbon Tetrachloride	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Chlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Chloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Chloroform	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Chloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Cyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
Dibromochloromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,2-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,3-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,4-Dichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Dichlorodifluoromethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,1-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,2-Dichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
cis-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,1-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 15052815

UMM Shore Regional Health at Chestertown, Chestertown, MD

June 4, 2015

Project Name: CRHC
Project Location: Chestertown, MD

Sample ID: SYS EFF **Date/Time Sampled: 05/28/2015 10:35** **PSS Sample ID: 15052815-012**
Matrix: GROUND WATER **Date/Time Received: 05/28/2015 13:40**

TCL Volatiles plus Oxygenates — Analytical Method: SW-846 8260 B — Preparation Method: 5030B

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
1,2-Dichloropropane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
cis-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
trans-1,3-Dichloropropene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
trans-1,2-Dichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Diisopropyl ether	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
Ethylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
2-Hexanone	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
Isopropylbenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Methyl Acetate	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
Methylcyclohexane	ND	ug/L	10		1	06/02/15	06/03/15 06:53	1011
Methylene Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
4-Methyl-2-Pentanone	ND	ug/L	5.0		1	06/02/15	06/03/15 06:53	1011
Methyl-t-butyl ether	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Naphthalene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Styrene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Tetrachloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Toluene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,2,3-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,2,4-Trichlorobenzene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,1,1-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
1,1,2-Trichloroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Trichloroethene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Trichlorofluoromethane	ND	ug/L	5.0		1	06/02/15	06/03/15 06:53	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
Vinyl Chloride	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011
m,p-Xylenes	ND	ug/L	2.0		1	06/02/15	06/03/15 06:53	1011
o-Xylene	ND	ug/L	1.0		1	06/02/15	06/03/15 06:53	1011

Case Narrative Summary

Client Name: UMM Shore Regional Health at Chestertown

Project Name: CRHC

Work Order Number(s): 15052815

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

The analyses of chlorine, pH, dissolved oxygen, temperature and sulfite for drinking water and non-potable samples tested for compliance have a maximum holding time of 15 minutes. As such, all laboratory analyses for these analytes exceed holding times.

Matrix spike and matrix spike duplicate analyses may not be performed due to insufficient sample quantity. In these instances, a laboratory control sample and laboratory control sample duplicate are analyzed unless otherwise noted or specified in the method.

Sample Receipt:

All sample receipt conditions were acceptable.

NELAP accreditation was held for all analyses performed unless noted below. See www.phaseonline.com for complete PSS scope of accreditation.

Analytical Data Package Information Summary

Work Order(s): 15052815
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8015 C	MW24	Initial	15052815-001	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 13:31
	MW16	Initial	15052815-002	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 14:02
	MW50	Initial	15052815-003	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 14:02
	MW48	Initial	15052815-004	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 14:32
	MW49	Initial	15052815-005	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 14:32
	MW15	Initial	15052815-006	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 15:03
	MW33	Initial	15052815-007	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 15:03
	MW34	Initial	15052815-008	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 15:34
	MW35	Initial	15052815-009	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 15:34
	MW20	Initial	15052815-010	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 16:05
	MW19	Initial	15052815-011	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 16:05
	SYS EFF	Initial	15052815-012	1055	W	55644	123062	05/28/2015	05/29/2015 11:08	05/29/2015 16:35
	55644-1-BKS	BKS	55644-1-BKS	1055	W	55644	123062	--------	05/29/2015 11:08	05/29/2015 12:28
	55644-1-BLK	BLK	55644-1-BLK	1055	W	55644	123062	--------	05/29/2015 11:08	05/29/2015 13:31
	55644-1-BSD	BSD	55644-1-BSD	1055	W	55644	123062	--------	05/29/2015 11:08	05/29/2015 12:59
SW-846 8015C	MW24	Initial	15052815-001	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 12:56
	MW16	Initial	15052815-002	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 13:21
	MW50	Initial	15052815-003	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 13:47
	MW48	Initial	15052815-004	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 14:12
	MW49	Initial	15052815-005	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 14:38
	MW15	Initial	15052815-006	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 15:03
	MW33	Initial	15052815-007	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 15:29
	MW34	Initial	15052815-008	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 15:55
	MW35	Initial	15052815-009	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 16:20
	MW20	Initial	15052815-010	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 16:46
	MW19	Initial	15052815-011	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 17:11
	SYS EFF	Initial	15052815-012	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 17:36
	55654-2-BKS	BKS	55654-2-BKS	1035	W	55654	123041	--------	05/29/2015 08:51	05/29/2015 11:39
	55654-2-BLK	BLK	55654-2-BLK	1035	W	55654	123041	--------	05/29/2015 08:51	05/29/2015 10:48

Analytical Data Package Information Summary

Work Order(s): 15052815
Report Prepared For: UMM Shore Regional Health at Chestertown,
Project Name: Chester River Hospital Center-CRHC
Project Manager: Ken Hannon

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8015C	MW24 S	MS	15052815-001 S	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 18:02
	MW24 SD	MSD	15052815-001 SD	1035	W	55654	123041	05/28/2015	05/29/2015 08:51	05/29/2015 18:27
SW-846 8260 B	MW24	Initial	15052815-001	1011	W	55708	123108	05/28/2015	06/02/2015 08:16	06/02/2015 15:36
	MW16	Initial	15052815-002	1011	W	55708	123108	05/28/2015	06/02/2015 08:16	06/02/2015 18:31
	MW50	Initial	15052815-003	1011	W	55708	123108	05/28/2015	06/02/2015 08:16	06/02/2015 19:06
	MW48	Initial	15052815-004	1011	W	55708	123108	05/28/2015	06/02/2015 08:16	06/02/2015 19:40
	55708-1-BKS	BKS	55708-1-BKS	1011	W	55708	123108	--------	06/02/2015 08:16	06/02/2015 09:52
	55708-1-BLK	BLK	55708-1-BLK	1011	W	55708	123108	--------	06/02/2015 08:16	06/02/2015 11:02
	MW24 S	MS	15052815-001 S	1011	W	55708	123108	05/28/2015	06/02/2015 08:16	06/02/2015 16:45
	MW24 SD	MSD	15052815-001 SD	1011	W	55708	123108	05/28/2015	06/02/2015 08:16	06/02/2015 17:20
	MW49	Initial	15052815-005	1011	W	55709	123111	05/28/2015	06/02/2015 21:26	06/03/2015 00:58
	MW15	Initial	15052815-006	1011	W	55709	123111	05/28/2015	06/02/2015 21:26	06/03/2015 03:21
	MW33	Initial	15052815-007	1011	W	55709	123111	05/28/2015	06/02/2015 21:26	06/03/2015 03:57
	MW34	Initial	15052815-008	1011	W	55709	123111	05/28/2015	06/02/2015 21:26	06/03/2015 04:33
	MW35	Initial	15052815-009	1011	W	55709	123111	05/28/2015	06/02/2015 21:26	06/03/2015 05:07
	MW20	Initial	15052815-010	1011	W	55709	123111	05/28/2015	06/02/2015 21:26	06/03/2015 05:42
	MW19	Initial	15052815-011	1011	W	55709	123111	05/28/2015	06/02/2015 21:26	06/03/2015 06:17
	SYS EFF	Initial	15052815-012	1011	W	55709	123111	05/28/2015	06/02/2015 21:26	06/03/2015 06:53
	55709-1-BKS	BKS	55709-1-BKS	1011	W	55709	123111	--------	06/02/2015 21:26	06/02/2015 23:11
	55709-1-BLK	BLK	55709-1-BLK	1011	W	55709	123111	--------	06/02/2015 21:26	06/03/2015 00:22
	MW49 S	MS	15052815-005 S	1011	W	55709	123111	05/28/2015	06/02/2015 21:26	06/03/2015 01:33
	MW49 SD	MSD	15052815-005 SD	1011	W	55709	123111	05/28/2015	06/02/2015 21:26	06/03/2015 02:09

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	90		37-136	%	05/29/15 13:31

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	78		65-111	%	05/29/15 12:56

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123108 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-001

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	103		81-133	%	06/02/15 15:36
Dibromofluoromethane	103		84-110	%	06/02/15 15:36
Toluene-D8	100		94-109	%	06/02/15 15:36

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	72		37-136	%	05/29/15 14:02

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	77		65-111	%	05/29/15 13:21

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123108 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-002

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	102		81-133	%	06/02/15 18:31
Dibromofluoromethane	107		84-110	%	06/02/15 18:31
Toluene-D8	102		94-109	%	06/02/15 18:31

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	87		37-136	%	05/29/15 14:02

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	66		65-111	%	05/29/15 13:47

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123108 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-003

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	104		81-133	%	06/02/15 19:06
Dibromofluoromethane	106		84-110	%	06/02/15 19:06
Toluene-D8	102		94-109	%	06/02/15 19:06

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	79		37-136	%	05/29/15 14:32

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	77		65-111	%	05/29/15 14:12

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123108 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-004

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	103		81-133	%	06/02/15 19:40
Dibromofluoromethane	104		84-110	%	06/02/15 19:40
Toluene-D8	102		94-109	%	06/02/15 19:40

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	90		37-136	%	05/29/15 14:32

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	77		65-111	%	05/29/15 14:38

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123111 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-005

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	102		81-133	%	06/03/15 00:58
Dibromofluoromethane	106		84-110	%	06/03/15 00:58
Toluene-D8	100		94-109	%	06/03/15 00:58

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	75		37-136	%	05/29/15 15:03

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	78		65-111	%	05/29/15 15:03

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123111 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	101		81-133	%	06/03/15 03:21
Dibromofluoromethane	107		84-110	%	06/03/15 03:21
Toluene-D8	103		94-109	%	06/03/15 03:21

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	89		37-136	%	05/29/15 15:03

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	79		65-111	%	05/29/15 15:29

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123111 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	101		81-133	%	06/03/15 03:57
Dibromofluoromethane	108		84-110	%	06/03/15 03:57
Toluene-D8	101		94-109	%	06/03/15 03:57

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	75		37-136	%	05/29/15 15:34

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	77		65-111	%	05/29/15 15:55

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123111 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	103		81-133	%	06/03/15 04:33
Dibromofluoromethane	109		84-110	%	06/03/15 04:33
Toluene-D8	103		94-109	%	06/03/15 04:33

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	87		37-136	%	05/29/15 15:34

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	78		65-111	%	05/29/15 16:20

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123111 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	101		81-133	%	06/03/15 05:07
Dibromofluoromethane	107		84-110	%	06/03/15 05:07
Toluene-D8	103		94-109	%	06/03/15 05:07

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	78		37-136	%	05/29/15 16:05

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	79		65-111	%	05/29/15 16:46

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123111 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	104		81-133	%	06/03/15 05:42
Dibromofluoromethane	106		84-110	%	06/03/15 05:42
Toluene-D8	104		94-109	%	06/03/15 05:42

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	94		37-136	%	05/29/15 16:05

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	78		65-111	%	05/29/15 17:11

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123111 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	102		81-133	%	06/03/15 06:17
Dibromofluoromethane	106		84-110	%	06/03/15 06:17
Toluene-D8	102		94-109	%	06/03/15 06:17

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-012

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
o-Terphenyl	71		37-136	%	05/29/15 16:35

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/2015
PSS Sample ID: 15052815-012

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	78		65-111	%	05/29/15 17:36

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123111 Matrix: Ground Water Date Prep: 06/02/2015
PSS Sample ID: 15052815-012

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	97		81-133	%	06/03/15 06:53
Dibromofluoromethane	107		84-110	%	06/03/15 06:53
Toluene-D8	104		94-109	%	06/03/15 06:53

F = RPD exceeded the laboratory control limits
X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits
L = Recovery of BS,BSD or both below the laboratory control limits

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8015 C Prep Method: SW3510C
Seq Number: 123062 Matrix: Water Date Prep: 05/29/15
MB Sample Id: 55644-1-BLK LCS Sample Id: 55644-1-BKS LCSD Sample Id: 55644-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-DRO (Diesel Range Organics)	<0.1000	1.000	1.059	106	1.061	106	61-119	0	20	mg/L	05/29/15 12:28	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	LCSD Result	LCSD Flag	Limits	Units	Analysis Date
o-Terphenyl	80		99		97		37-136	%	05/29/15 12:28

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Water Date Prep: 05/29/15
MB Sample Id: 55654-2-BLK LCS Sample Id: 55654-2-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
TPH-GRO (Gasoline Range Organic:	<100	5000	4595	92	61-138	ug/L	05/29/15 11:39	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	78		85		65-111	%	05/29/15 11:39

Analytical Method: SW-846 8015C Prep Method: SW5030B
Seq Number: 123041 Matrix: Ground Water Date Prep: 05/29/15
Parent Sample Id: 15052815-001 MS Sample Id: 15052815-001 S MSD Sample Id: 15052815-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-GRO (Gasoline Range Organic:	<100	5000	4733	95	4493	90	58-136	5	25	ug/L	05/29/15 18:02	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
a,a,a-Trifluorotoluene	84		82		65-111	%	05/29/15 18:02

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123108 Matrix: Water Date Prep: 06/02/15
MB Sample Id: 55708-1-BLK LCS Sample Id: 55708-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<10.00	50.00	45.65	91	53-146	ug/L	06/02/15 09:52	
tert-Amyl alcohol	<20.00	50.00	52.89	106	27-139	ug/L	06/02/15 09:52	
tert-Amyl ethyl ether	<10.00	50.00	63.41	127	60-121	ug/L	06/02/15 09:52	H
tert-Amyl methyl ether	<10.00	50.00	67.38	135	61-129	ug/L	06/02/15 09:52	H
Benzene	<1.000	50.00	54.76	110	77-122	ug/L	06/02/15 09:52	
Bromochloromethane	<1.000	50.00	52.68	105	71-122	ug/L	06/02/15 09:52	
Bromodichloromethane	<1.000	50.00	54.70	109	76-122	ug/L	06/02/15 09:52	
Bromoform	<5.000	50.00	47.40	95	69-115	ug/L	06/02/15 09:52	
Bromomethane	<1.000	50.00	48.39	97	40-147	ug/L	06/02/15 09:52	
tert-Butyl alcohol	<20.00	50.00	54.34	109	15-150	ug/L	06/02/15 09:52	
2-Butanone (MEK)	<10.00	50.00	45.07	90	56-133	ug/L	06/02/15 09:52	
tert-Butyl ethyl ether	<10.00	50.00	69.79	140	62-137	ug/L	06/02/15 09:52	H
Carbon Disulfide	<10.00	50.00	55.03	110	62-134	ug/L	06/02/15 09:52	
Carbon Tetrachloride	<1.000	50.00	52.97	106	74-127	ug/L	06/02/15 09:52	
Chlorobenzene	<1.000	50.00	52.18	104	76-116	ug/L	06/02/15 09:52	
Chloroethane	<1.000	50.00	44.76	90	59-132	ug/L	06/02/15 09:52	
Chloroform	<1.000	50.00	52.05	104	71-118	ug/L	06/02/15 09:52	
Chloromethane	<1.000	50.00	44.71	89	62-131	ug/L	06/02/15 09:52	
Cyclohexane	<10.00	50.00	28.67	57	46-150	ug/L	06/02/15 09:52	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	50.59	101	59-135	ug/L	06/02/15 09:52	
Dibromochloromethane	<1.000	50.00	55.32	111	75-114	ug/L	06/02/15 09:52	
1,2-Dibromoethane (EDB)	<1.000	50.00	55.09	110	78-121	ug/L	06/02/15 09:52	
1,2-Dichlorobenzene	<1.000	50.00	55.52	111	80-122	ug/L	06/02/15 09:52	
1,3-Dichlorobenzene	<1.000	50.00	55.84	112	80-122	ug/L	06/02/15 09:52	
1,4-Dichlorobenzene	<1.000	50.00	51.88	104	77-118	ug/L	06/02/15 09:52	
Dichlorodifluoromethane	<1.000	50.00	53.14	106	54-139	ug/L	06/02/15 09:52	
1,1-Dichloroethane	<1.000	50.00	51.13	102	51-136	ug/L	06/02/15 09:52	
1,2-Dichloroethane	<1.000	50.00	52.56	105	64-130	ug/L	06/02/15 09:52	
1,1-Dichloroethene	<1.000	50.00	50.76	102	59-123	ug/L	06/02/15 09:52	
cis-1,2-Dichloroethene	<1.000	50.00	57.38	115	77-119	ug/L	06/02/15 09:52	
1,2-Dichloropropane	<1.000	50.00	50.80	102	75-125	ug/L	06/02/15 09:52	
cis-1,3-Dichloropropene	<1.000	50.00	50.72	101	74-123	ug/L	06/02/15 09:52	
trans-1,3-Dichloropropene	<1.000	50.00	50.43	101	73-116	ug/L	06/02/15 09:52	
trans-1,2-Dichloroethene	<1.000	50.00	55.95	112	58-134	ug/L	06/02/15 09:52	
Diisopropyl ether	<10.00	50.00	50.75	102	48-146	ug/L	06/02/15 09:52	
Ethylbenzene	<1.000	50.00	54.56	109	79-122	ug/L	06/02/15 09:52	
2-Hexanone	<10.00	50.00	42.17	84	56-134	ug/L	06/02/15 09:52	
Isopropylbenzene	<1.000	50.00	52.80	106	80-128	ug/L	06/02/15 09:52	
Methyl Acetate	<10.00	50.00	50.89	102	47-145	ug/L	06/02/15 09:52	
Methylcyclohexane	<10.00	50.00	52.59	105	61-155	ug/L	06/02/15 09:52	
Methylene Chloride	<1.000	50.00	50.32	101	61-126	ug/L	06/02/15 09:52	
4-Methyl-2-Pentanone	<5.000	50.00	49.58	99	45-145	ug/L	06/02/15 09:52	
Methyl-t-butyl ether	<1.000	50.00	69.50	139	30-168	ug/L	06/02/15 09:52	
Naphthalene	<1.000	50.00	46.75	94	46-154	ug/L	06/02/15 09:52	
Styrene	<1.000	50.00	53.27	107	73-118	ug/L	06/02/15 09:52	
1,1,2,2-Tetrachloroethane	<1.000	50.00	67.75	136	71-126	ug/L	06/02/15 09:52	H
Tetrachloroethene	<1.000	50.00	55.87	112	78-113	ug/L	06/02/15 09:52	
Toluene	<1.000	50.00	55.49	111	77-123	ug/L	06/02/15 09:52	
1,2,3-Trichlorobenzene	<1.000	50.00	49.59	99	66-140	ug/L	06/02/15 09:52	
1,2,4-Trichlorobenzene	<1.000	50.00	48.36	97	72-143	ug/L	06/02/15 09:52	
1,1,1-Trichloroethane	<1.000	50.00	52.78	106	66-133	ug/L	06/02/15 09:52	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B

Prep Method: SW5030B

Seq Number: 123108

Matrix: Water

Date Prep: 06/02/15

MB Sample Id: 55708-1-BLK

LCS Sample Id: 55708-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	53.14	106	72-128	ug/L	06/02/15 09:52	
Trichloroethene	<1.000	50.00	46.93	94	72-127	ug/L	06/02/15 09:52	
Trichlorofluoromethane	<5.000	50.00	51.21	102	45-130	ug/L	06/02/15 09:52	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	46.11	92	56-126	ug/L	06/02/15 09:52	
Vinyl Chloride	<1.000	50.00	50.32	101	64-132	ug/L	06/02/15 09:52	
m,p-Xylenes	<2.000	100	110.9	111	78-119	ug/L	06/02/15 09:52	
o-Xylene	<1.000	50.00	52.49	105	79-123	ug/L	06/02/15 09:52	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	103		99		81-133	%	06/02/15 09:52
Dibromofluoromethane	104		102		84-110	%	06/02/15 09:52
Toluene-D8	99		100		94-109	%	06/02/15 09:52

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123111 Matrix: Water Date Prep: 06/02/15
MB Sample Id: 55709-1-BLK LCS Sample Id: 55709-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Acetone	<10.00	50.00	51.94	104	53-146	ug/L	06/02/15 23:11	
tert-Amyl alcohol	<20.00	50.00	40.53	81	27-139	ug/L	06/02/15 23:11	
tert-Amyl ethyl ether	<10.00	50.00	50.69	101	60-121	ug/L	06/02/15 23:11	
tert-Amyl methyl ether	<10.00	50.00	48.45	97	61-129	ug/L	06/02/15 23:11	
Benzene	<1.000	50.00	56.61	113	77-122	ug/L	06/02/15 23:11	
Bromochloromethane	<1.000	50.00	52.68	105	71-122	ug/L	06/02/15 23:11	
Bromodichloromethane	<1.000	50.00	54.92	110	76-122	ug/L	06/02/15 23:11	
Bromoform	<5.000	50.00	43.96	88	69-115	ug/L	06/02/15 23:11	
Bromomethane	<1.000	50.00	52.48	105	40-147	ug/L	06/02/15 23:11	
tert-Butyl alcohol	<20.00	50.00	51.36	103	15-150	ug/L	06/02/15 23:11	
2-Butanone (MEK)	<10.00	50.00	42.01	84	56-133	ug/L	06/02/15 23:11	
tert-Butyl ethyl ether	<10.00	50.00	50.88	102	62-137	ug/L	06/02/15 23:11	
Carbon Disulfide	<10.00	50.00	56.69	113	62-134	ug/L	06/02/15 23:11	
Carbon Tetrachloride	<1.000	50.00	54.70	109	74-127	ug/L	06/02/15 23:11	
Chlorobenzene	<1.000	50.00	53.21	106	76-116	ug/L	06/02/15 23:11	
Chloroethane	<1.000	50.00	50.02	100	59-132	ug/L	06/02/15 23:11	
Chloroform	<1.000	50.00	53.74	107	71-118	ug/L	06/02/15 23:11	
Chloromethane	<1.000	50.00	50.69	101	62-131	ug/L	06/02/15 23:11	
Cyclohexane	<10.00	50.00	54.25	109	46-150	ug/L	06/02/15 23:11	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	48.32	97	59-135	ug/L	06/02/15 23:11	
Dibromochloromethane	<1.000	50.00	53.57	107	75-114	ug/L	06/02/15 23:11	
1,2-Dibromoethane (EDB)	<1.000	50.00	53.50	107	78-121	ug/L	06/02/15 23:11	
1,2-Dichlorobenzene	<1.000	50.00	56.32	113	80-122	ug/L	06/02/15 23:11	
1,3-Dichlorobenzene	<1.000	50.00	56.33	113	80-122	ug/L	06/02/15 23:11	
1,4-Dichlorobenzene	<1.000	50.00	52.95	106	77-118	ug/L	06/02/15 23:11	
Dichlorodifluoromethane	<1.000	50.00	54.27	109	54-139	ug/L	06/02/15 23:11	
1,1-Dichloroethane	<1.000	50.00	53.31	107	51-136	ug/L	06/02/15 23:11	
1,2-Dichloroethane	<1.000	50.00	53.61	107	64-130	ug/L	06/02/15 23:11	
1,1-Dichloroethene	<1.000	50.00	53.89	108	59-123	ug/L	06/02/15 23:11	
cis-1,2-Dichloroethene	<1.000	50.00	59.05	118	77-119	ug/L	06/02/15 23:11	
1,2-Dichloropropane	<1.000	50.00	53.10	106	75-125	ug/L	06/02/15 23:11	
cis-1,3-Dichloropropene	<1.000	50.00	47.85	96	74-123	ug/L	06/02/15 23:11	
trans-1,3-Dichloropropene	<1.000	50.00	46.87	94	73-116	ug/L	06/02/15 23:11	
trans-1,2-Dichloroethene	<1.000	50.00	56.57	113	58-134	ug/L	06/02/15 23:11	
Diisopropyl ether	<10.00	50.00	50.32	101	48-146	ug/L	06/02/15 23:11	
Ethylbenzene	<1.000	50.00	55.73	111	79-122	ug/L	06/02/15 23:11	
2-Hexanone	<10.00	50.00	40.33	81	56-134	ug/L	06/02/15 23:11	
Isopropylbenzene	<1.000	50.00	54.06	108	80-128	ug/L	06/02/15 23:11	
Methyl Acetate	<10.00	50.00	48.17	96	47-145	ug/L	06/02/15 23:11	
Methylcyclohexane	<10.00	50.00	54.34	109	61-155	ug/L	06/02/15 23:11	
Methylene Chloride	<1.000	50.00	53.76	108	61-126	ug/L	06/02/15 23:11	
4-Methyl-2-Pentanone	<5.000	50.00	45.07	90	45-145	ug/L	06/02/15 23:11	
Methyl-t-butyl ether	<1.000	50.00	50.40	101	30-168	ug/L	06/02/15 23:11	
Naphthalene	<1.000	50.00	42.21	84	46-154	ug/L	06/02/15 23:11	
Styrene	<1.000	50.00	54.32	109	73-118	ug/L	06/02/15 23:11	
1,1,2,2-Tetrachloroethane	<1.000	50.00	43.99	88	71-126	ug/L	06/02/15 23:11	
Tetrachloroethene	<1.000	50.00	54.77	110	78-113	ug/L	06/02/15 23:11	
Toluene	<1.000	50.00	56.26	113	77-123	ug/L	06/02/15 23:11	
1,2,3-Trichlorobenzene	<1.000	50.00	46.02	92	66-140	ug/L	06/02/15 23:11	
1,2,4-Trichlorobenzene	<1.000	50.00	45.59	91	72-143	ug/L	06/02/15 23:11	
1,1,1-Trichloroethane	<1.000	50.00	55.40	111	66-133	ug/L	06/02/15 23:11	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B

Prep Method: SW5030B

Seq Number: 123111

Matrix: Water

Date Prep: 06/02/15

MB Sample Id: 55709-1-BLK

LCS Sample Id: 55709-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	52.86	106	72-128	ug/L	06/02/15 23:11	
Trichloroethene	<1.000	50.00	60.78	122	72-127	ug/L	06/02/15 23:11	
Trichlorofluoromethane	<5.000	50.00	52.29	105	45-130	ug/L	06/02/15 23:11	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	52.28	105	56-126	ug/L	06/02/15 23:11	
Vinyl Chloride	<1.000	50.00	58.11	116	64-132	ug/L	06/02/15 23:11	
m,p-Xylenes	<2.000	100	113.8	114	78-119	ug/L	06/02/15 23:11	
o-Xylene	<1.000	50.00	53.86	108	79-123	ug/L	06/02/15 23:11	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	102		99		81-133	%	06/02/15 23:11
Dibromofluoromethane	107		102		84-110	%	06/02/15 23:11
Toluene-D8	102		100		94-109	%	06/02/15 23:11

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123108 Matrix: Ground Water Date Prep: 06/02/15
Parent Sample Id: 15052815-001 MS Sample Id: 15052815-001 S MSD Sample Id: 15052815-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<10.00	50.00	52.88	106	45.02	90	41-161	16	25	ug/L	06/02/15 16:45	
tert-Amyl alcohol	<20.00	50.00	52.59	105	45.88	92	5-149	14	25	ug/L	06/02/15 16:45	
tert-Amyl ethyl ether	<10.00	50.00	51.69	103	50.42	101	48-129	2	25	ug/L	06/02/15 16:45	
tert-Amyl methyl ether	<10.00	50.00	54.23	108	49.91	100	50-139	8	25	ug/L	06/02/15 16:45	
Benzene	<1.000	50.00	56.75	114	54.38	109	75-132	4	25	ug/L	06/02/15 16:45	
Bromochloromethane	<1.000	50.00	52.21	104	50.97	102	67-130	2	25	ug/L	06/02/15 16:45	
Bromodichloromethane	<1.000	50.00	54.38	109	53.25	107	69-134	2	25	ug/L	06/02/15 16:45	
Bromoform	<5.000	50.00	47.83	96	44.54	89	65-115	7	25	ug/L	06/02/15 16:45	
Bromomethane	<1.000	50.00	50.10	100	51.13	102	29-154	2	25	ug/L	06/02/15 16:45	
tert-Butyl alcohol	<20.00	50.00	54.74	109	51.08	102	1-183	7	25	ug/L	06/02/15 16:45	
2-Butanone (MEK)	<10.00	50.00	45.47	91	40.83	82	47-140	11	25	ug/L	06/02/15 16:45	
tert-Butyl ethyl ether	<10.00	50.00	53.66	107	51.97	104	55-141	3	25	ug/L	06/02/15 16:45	
Carbon Disulfide	<10.00	50.00	55.11	110	54.44	109	59-146	1	25	ug/L	06/02/15 16:45	
Carbon Tetrachloride	<1.000	50.00	54.70	109	52.03	104	74-136	5	25	ug/L	06/02/15 16:45	
Chlorobenzene	<1.000	50.00	50.83	102	51.46	103	78-115	1	25	ug/L	06/02/15 16:45	
Chloroethane	<1.000	50.00	47.70	95	48.25	97	40-150	1	25	ug/L	06/02/15 16:45	
Chloroform	1.130	50.00	54.15	106	52.75	103	67-130	3	25	ug/L	06/02/15 16:45	
Chloromethane	<1.000	50.00	47.94	96	48.14	96	59-144	0	25	ug/L	06/02/15 16:45	
Cyclohexane	<10.00	50.00	52.14	104	48.80	98	34-161	7	25	ug/L	06/02/15 16:45	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	53.61	107	47.11	94	45-125	13	25	ug/L	06/02/15 16:45	
Dibromochloromethane	<1.000	50.00	54.77	110	52.55	105	73-114	4	25	ug/L	06/02/15 16:45	
1,2-Dibromoethane (EDB)	<1.000	50.00	54.90	110	52.18	104	72-126	5	25	ug/L	06/02/15 16:45	
1,2-Dichlorobenzene	<1.000	50.00	55.82	112	54.64	109	73-117	2	25	ug/L	06/02/15 16:45	
1,3-Dichlorobenzene	<1.000	50.00	55.70	111	54.86	110	73-117	2	25	ug/L	06/02/15 16:45	
1,4-Dichlorobenzene	<1.000	50.00	51.91	104	50.97	102	72-111	2	25	ug/L	06/02/15 16:45	
Dichlorodifluoromethane	<1.000	50.00	53.06	106	50.55	101	47-159	5	25	ug/L	06/02/15 16:45	
1,1-Dichloroethane	<1.000	50.00	52.75	106	50.66	101	44-152	4	25	ug/L	06/02/15 16:45	
1,2-Dichloroethane	<1.000	50.00	52.93	106	51.11	102	60-142	3	25	ug/L	06/02/15 16:45	
1,1-Dichloroethene	<1.000	50.00	49.77	100	49.95	100	50-136	0	25	ug/L	06/02/15 16:45	
cis-1,2-Dichloroethene	<1.000	50.00	57.78	116	56.22	112	76-127	3	25	ug/L	06/02/15 16:45	
1,2-Dichloropropane	<1.000	50.00	53.21	106	51.16	102	70-139	4	25	ug/L	06/02/15 16:45	
cis-1,3-Dichloropropene	<1.000	50.00	48.34	97	47.49	95	64-127	2	25	ug/L	06/02/15 16:45	
trans-1,3-Dichloropropene	<1.000	50.00	48.48	97	47.70	95	62-123	2	25	ug/L	06/02/15 16:45	
trans-1,2-Dichloroethene	<1.000	50.00	54.97	110	53.64	107	54-144	2	25	ug/L	06/02/15 16:45	
Diisopropyl ether	<10.00	50.00	48.61	97	47.60	95	49-150	2	25	ug/L	06/02/15 16:45	
Ethylbenzene	<1.000	50.00	56.11	112	53.76	108	74-129	4	25	ug/L	06/02/15 16:45	
2-Hexanone	<10.00	50.00	43.42	87	39.34	79	50-130	10	25	ug/L	06/02/15 16:45	
Isopropylbenzene	<1.000	50.00	52.45	105	51.53	103	72-130	2	25	ug/L	06/02/15 16:45	
Methyl Acetate	<10.00	50.00	53.11	106	46.76	94	37-143	13	25	ug/L	06/02/15 16:45	
Methylcyclohexane	<10.00	50.00	54.23	108	50.03	100	55-148	8	25	ug/L	06/02/15 16:45	
Methylene Chloride	<1.000	50.00	51.33	103	52.03	104	56-137	1	25	ug/L	06/02/15 16:45	
4-Methyl-2-Pentanone	<5.000	50.00	42.08	84	37.98	76	44-133	10	25	ug/L	06/02/15 16:45	
Methyl-t-butyl ether	<1.000	50.00	55.92	112	52.12	104	22-182	7	25	ug/L	06/02/15 16:45	
Naphthalene	<1.000	50.00	44.55	89	41.00	82	7-137	8	25	ug/L	06/02/15 16:45	
Styrene	<1.000	50.00	54.08	108	51.51	103	67-121	5	25	ug/L	06/02/15 16:45	
1,1,2,2-Tetrachloroethane	<1.000	50.00	72.71	145	65.87	132	68-127	10	25	ug/L	06/02/15 16:45	X
Tetrachloroethene	<1.000	50.00	53.99	108	53.11	106	69-126	2	25	ug/L	06/02/15 16:45	
Toluene	<1.000	50.00	55.67	111	54.36	109	74-132	2	25	ug/L	06/02/15 16:45	
1,2,3-Trichlorobenzene	<1.000	50.00	47.71	95	44.74	89	9-139	6	25	ug/L	06/02/15 16:45	
1,2,4-Trichlorobenzene	<1.000	50.00	45.12	90	44.59	89	31-135	1	25	ug/L	06/02/15 16:45	
1,1,1-Trichloroethane	<1.000	50.00	54.12	108	52.69	105	70-138	3	25	ug/L	06/02/15 16:45	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B

Seq Number: 123108 Matrix: Ground Water Date Prep: 06/02/15

Parent Sample Id: 15052815-001 MS Sample Id: 15052815-001 S MSD Sample Id: 15052815-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	53.81	108	52.45	105	65-143	3	25	ug/L	06/02/15 16:45	
Trichloroethene	<1.000	50.00	47.80	96	45.71	91	67-139	4	25	ug/L	06/02/15 16:45	
Trichlorofluoromethane	<5.000	50.00	51.85	104	49.75	100	37-147	4	25	ug/L	06/02/15 16:45	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	49.87	100	49.25	99	47-139	1	25	ug/L	06/02/15 16:45	
Vinyl Chloride	<1.000	50.00	52.74	105	53.04	106	60-146	1	25	ug/L	06/02/15 16:45	
m,p-Xylenes	<2.000	100	114.8	115	109.3	109	78-119	5	25	ug/L	06/02/15 16:45	
o-Xylene	<1.000	50.00	52.97	106	51.34	103	80-123	3	25	ug/L	06/02/15 16:45	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		100		81-133	%	06/02/15 16:45
Dibromofluoromethane	103		103		84-110	%	06/02/15 16:45
Toluene-D8	100		101		94-109	%	06/02/15 16:45

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B
Seq Number: 123111 Matrix: Ground Water Date Prep: 06/02/15
Parent Sample Id: 15052815-005 MS Sample Id: 15052815-005 S MSD Sample Id: 15052815-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<10.00	50.00	54.45	109	52.11	104	41-161	4	25	ug/L	06/03/15 01:33	
tert-Amyl alcohol	<20.00	50.00	56.88	114	61.30	123	5-149	7	25	ug/L	06/03/15 01:33	
tert-Amyl ethyl ether	<10.00	50.00	46.06	92	43.82	88	48-129	5	25	ug/L	06/03/15 01:33	
tert-Amyl methyl ether	<10.00	50.00	47.77	96	46.57	93	50-139	3	25	ug/L	06/03/15 01:33	
Benzene	<1.000	50.00	54.53	109	51.11	102	75-132	6	25	ug/L	06/03/15 01:33	
Bromochloromethane	<1.000	50.00	50.97	102	49.32	99	67-130	3	25	ug/L	06/03/15 01:33	
Bromodichloromethane	<1.000	50.00	53.67	107	49.66	99	69-134	8	25	ug/L	06/03/15 01:33	
Bromoform	<5.000	50.00	44.86	90	43.30	87	65-115	4	25	ug/L	06/03/15 01:33	
Bromomethane	<1.000	50.00	49.35	99	45.78	92	29-154	8	25	ug/L	06/03/15 01:33	
tert-Butyl alcohol	<20.00	50.00	52.30	105	51.58	103	1-183	1	25	ug/L	06/03/15 01:33	
2-Butanone (MEK)	<10.00	50.00	45.15	90	46.64	93	47-140	3	25	ug/L	06/03/15 01:33	
tert-Butyl ethyl ether	<10.00	50.00	46.68	93	45.34	91	55-141	3	25	ug/L	06/03/15 01:33	
Carbon Disulfide	<10.00	50.00	54.64	109	53.18	106	59-146	3	25	ug/L	06/03/15 01:33	
Carbon Tetrachloride	<1.000	50.00	53.81	108	51.40	103	74-136	5	25	ug/L	06/03/15 01:33	
Chlorobenzene	<1.000	50.00	51.37	103	48.16	96	78-115	6	25	ug/L	06/03/15 01:33	
Chloroethane	<1.000	50.00	45.39	91	44.27	89	40-150	2	25	ug/L	06/03/15 01:33	
Chloroform	<1.000	50.00	51.76	104	48.82	98	67-130	6	25	ug/L	06/03/15 01:33	
Chloromethane	<1.000	50.00	46.64	93	44.58	89	59-144	5	25	ug/L	06/03/15 01:33	
Cyclohexane	<10.00	50.00	49.27	99	50.30	101	34-161	2	25	ug/L	06/03/15 01:33	
1,2-Dibromo-3-Chloropropane	<10.00	50.00	52.83	106	52.79	106	45-125	0	25	ug/L	06/03/15 01:33	
Dibromochloromethane	<1.000	50.00	53.01	106	49.61	99	73-114	7	25	ug/L	06/03/15 01:33	
1,2-Dibromoethane (EDB)	<1.000	50.00	52.75	106	50.57	101	72-126	4	25	ug/L	06/03/15 01:33	
1,2-Dichlorobenzene	<1.000	50.00	52.12	104	50.97	102	73-117	2	25	ug/L	06/03/15 01:33	
1,3-Dichlorobenzene	<1.000	50.00	51.88	104	50.12	100	73-117	3	25	ug/L	06/03/15 01:33	
1,4-Dichlorobenzene	<1.000	50.00	49.15	98	46.95	94	72-111	5	25	ug/L	06/03/15 01:33	
Dichlorodifluoromethane	<1.000	50.00	51.83	104	55.02	110	47-159	6	25	ug/L	06/03/15 01:33	
1,1-Dichloroethane	<1.000	50.00	50.82	102	48.11	96	44-152	5	25	ug/L	06/03/15 01:33	
1,2-Dichloroethane	<1.000	50.00	51.74	103	49.58	99	60-142	4	25	ug/L	06/03/15 01:33	
1,1-Dichloroethene	<1.000	50.00	48.87	98	48.85	98	50-136	0	25	ug/L	06/03/15 01:33	
cis-1,2-Dichloroethene	<1.000	50.00	55.48	111	52.54	105	76-127	5	25	ug/L	06/03/15 01:33	
1,2-Dichloropropane	<1.000	50.00	51.94	104	47.73	95	70-139	8	25	ug/L	06/03/15 01:33	
cis-1,3-Dichloropropene	<1.000	50.00	44.94	90	41.54	83	64-127	8	25	ug/L	06/03/15 01:33	
trans-1,3-Dichloropropene	<1.000	50.00	45.99	92	42.58	85	62-123	8	25	ug/L	06/03/15 01:33	
trans-1,2-Dichloroethene	<1.000	50.00	52.97	106	51.35	103	54-144	3	25	ug/L	06/03/15 01:33	
Diisopropyl ether	<10.00	50.00	45.28	91	43.21	86	49-150	5	25	ug/L	06/03/15 01:33	
Ethylbenzene	<1.000	50.00	53.97	108	49.81	100	74-129	8	25	ug/L	06/03/15 01:33	
2-Hexanone	<10.00	50.00	48.37	97	48.38	97	50-130	0	25	ug/L	06/03/15 01:33	
Isopropylbenzene	<1.000	50.00	49.11	98	48.11	96	72-130	2	25	ug/L	06/03/15 01:33	
Methyl Acetate	<10.00	50.00	40.51	81	40.63	81	37-143	0	25	ug/L	06/03/15 01:33	
Methylcyclohexane	<10.00	50.00	50.18	100	52.21	104	55-148	4	25	ug/L	06/03/15 01:33	
Methylene Chloride	<1.000	50.00	50.49	101	49.48	99	56-137	2	25	ug/L	06/03/15 01:33	
4-Methyl-2-Pentanone	<5.000	50.00	44.51	89	44.07	88	44-133	1	25	ug/L	06/03/15 01:33	
Methyl-t-butyl ether	<1.000	50.00	49.44	99	49.06	98	22-182	1	25	ug/L	06/03/15 01:33	
Naphthalene	<1.000	50.00	44.91	90	46.67	93	7-137	4	25	ug/L	06/03/15 01:33	
Styrene	<1.000	50.00	50.50	101	48.21	96	67-121	5	25	ug/L	06/03/15 01:33	
1,1,2,2-Tetrachloroethane	<1.000	50.00	71.14	142	70.59	141	68-127	1	25	ug/L	06/03/15 01:33	X
Tetrachloroethene	<1.000	50.00	50.15	100	50.02	100	69-126	0	25	ug/L	06/03/15 01:33	
Toluene	<1.000	50.00	55.19	110	50.61	101	74-132	9	25	ug/L	06/03/15 01:33	
1,2,3-Trichlorobenzene	<1.000	50.00	45.73	91	46.08	92	9-139	1	25	ug/L	06/03/15 01:33	
1,2,4-Trichlorobenzene	<1.000	50.00	42.00	84	41.73	83	31-135	1	25	ug/L	06/03/15 01:33	
1,1,1-Trichloroethane	<1.000	50.00	53.90	108	50.81	102	70-138	6	25	ug/L	06/03/15 01:33	

PHASE SEPARATION SCIENCE, INC.

QC Summary 15052815

UMM Shore Regional Health at Chestertown
CRHC

Analytical Method: SW-846 8260 B Prep Method: SW5030B

Seq Number: 123111 Matrix: Ground Water Date Prep: 06/02/15

Parent Sample Id: 15052815-005 MS Sample Id: 15052815-005 S MSD Sample Id: 15052815-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,2-Trichloroethane	<1.000	50.00	55.07	110	52.35	105	65-143	5	25	ug/L	06/03/15 01:33	
Trichloroethene	<1.000	50.00	46.02	92	43.69	87	67-139	5	25	ug/L	06/03/15 01:33	
Trichlorofluoromethane	<5.000	50.00	51.55	103	51.02	102	37-147	1	25	ug/L	06/03/15 01:33	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.000	50.00	47.50	95	48.08	96	47-139	1	25	ug/L	06/03/15 01:33	
Vinyl Chloride	<1.000	50.00	50.59	101	48.87	98	60-146	3	25	ug/L	06/03/15 01:33	
m,p-Xylenes	<2.000	100	110.9	111	103.1	103	78-119	7	25	ug/L	06/03/15 01:33	
o-Xylene	<1.000	50.00	50.62	101	48.60	97	80-123	4	25	ug/L	06/03/15 01:33	

Surrogate	MS Result	MS Flag	MSD Result	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	96		100		81-133	%	06/03/15 01:33
Dibromofluoromethane	105		105		84-110	%	06/03/15 01:33
Toluene-D8	102		100		94-109	%	06/03/15 01:33

F = RPD exceeded the laboratory control limits
X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits
L = Recovery of BS,BSD or both below the laboratory control limits

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) *CLIENT: UMM *OFFICE LOC. WILMINGTON, DE

*PROJECT MGR: KEN HANNON *PHONE NO.: 302 656-9600

EMAIL: KHANNON@BRIGHTFIELDS FAX NO.: ( )

*PROJECT NAME: CRHC PROJECT NO.:

SITE LOCATION: CHESTERTOWN, MD P.O. NO.:

SAMPLER(S): R. MORTEL, M. ATTERBURY DW CERT NO.:

PSS Work Order #: 15052815 PAGE 1 OF 2

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	DRO VIA 8015	GRO VIA 8015	VOC VIA 8260	FUEL OXYGENATES								REMARKS
	Preservatives Used							HCl	HCl									
	Analysis/ Method Required (3) *																	
	MW24	5/28/15	0935	GW	5	G	X	X	X	X								
	MW16		0935				X	X	X	X								
	MW50		0948				X	X	X	X								
	MW48		0950				X	X	X	X								
	MW49		1000				X	X	X	X								
	MW15		1000				X	X	X	X								
	MW33		1010				X	X	X	X								
	MW34		1012				X	X	X	X								
	MW35		1020				X	X	X	X								
	MW20		1020				X	X	X	X								

(5)

Relinquished By: (1)	Date	Time	Received By:
R. Mortel	5/28/15	12:10	Trans Time 2226
Relinquished By: (2)	Date	Time	Received By:
Trans Time 2226	5.28.15	13:40	[illegible]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4) *Requested TAT (One TAT per COC)
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:
COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER _____

Special Instructions:

DW COMPLIANCE? YES ☐

EDD FORMAT TYPE _____

STATE RESULTS REPORTED TO:
MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER _____

# of Coolers: 2
Custody Seal: Ab
Ice Present: Pres Temp: 10, 10°C
Shipping Carrier: TTE

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary. * = REQUIRED

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

PSS Work Order #: 150552815 PAGE 2 OF 2

Matrix Codes: **SW**=Surface Wtr **DW**=Drinking Wtr **GW**=Ground Wtr **WW**=Waste Wtr **O**=Oil **S**=Soil **L**=Liquid **SOL**=Solid **A**=Air **WI**=Wipe

(1)
*CLIENT: UMM *OFFICE LOC. WILMINGTON, DE
*PROJECT MGR: KEN HANNON *PHONE NO.: 302) 656-9600
EMAIL: KHANNON@BRIGHTFIELDS FAX NO.: ( )
*PROJECT NAME: CRHC PROJECT NO.:
SITE LOCATION: CHESTERTOWN, MD P.O. NO.:
SAMPLER(S): R. MORTEL, M. ATTERBURY DW CERT NO.:

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	DRO VIA 8015	GRO VIA 8015	VOC VIA 8260	FUEL OXYGENATES								REMARKS
	Preservatives Used								HCL	HCL								
	MW19	5/28/15	1035	GW	5	G	X	X	X	X								
	SYS EFF	5/28/15	1035	GW	5	G	X	X	X	X								

(5)

Relinquished By: (1)	Date	Time	Received By:
R. Mortel	5/28/15	1210	Trans Inc 2226
Relinquished By: (2)	Date	Time	Received By:
Trans Inc 2226	5/28/15	13:40	[illegible]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)
*Requested TAT (One TAT per COC): ☑ 5-Day ☐ 3-Day ☐ 2-Day ☐ Next Day ☐ Emergency ☐ Other
Data Deliverables Required: COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER ____
Special Instructions:
DW COMPLIANCE? YES ☐
EDD FORMAT TYPE ____
STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER ____

# of Coolers: 2
Custody Seal: ABJ
Ice Present: Yes Temp: 10, 10°C
Shipping Carrier: FTE

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary. * = REQUIRED

Phase Separation Science, Inc

Sample Receipt Checklist

Work Order #	15052815	**Received By**	Jacob Prucnal
Client Name	UMM Shore Regional Health at Ches	**Date Received**	05/28/2015 01:40:00 PM
Project Name	CRHC	**Delivered By**	Trans Time Express
Disposal Date	07/02/2015	**Tracking No**	Not Applicable
		Logged In By	Jacob Prucnal

Shipping Container(s)

No. of Coolers 1

		Ice	Present
Custody Seal(s) Intact?	N/A	Temp (deg C)	10
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No

Documentation

		Sampler Name	R. Mortel, M. Atterbu
COC agrees with sample labels?	Yes	MD DW Cert. No.	N/A
Chain of Custody	Yes		

Sample Container

		Custody Seal(s) Intact?	Not Applicable
Appropriate for Specified Analysis?	Yes	Seal(s) Signed / Dated	Not Applicable
Intact?	Yes		
Labeled and Labels Legible?	Yes		

Total No. of Samples Received 12

Total No. of Containers Received 60

Preservation

Metals	(pH<2)	N/A
Cyanides	(pH>12)	N/A
Sulfide	(pH>9)	N/A
TOC, COD, Phenols	(pH<2)	N/A
TOX, TKN, NH3, Total Phos	(pH<2)	N/A
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	Yes
Do VOA vials have zero headspace?		Yes
624 VOC (Rcvd at least one unpreserved VOA vial)		N/A

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling. Samples which require thermal preservation shall be considered acceptable when received at a temperature above freezing to 6°C. Samples that are hand delivered on the day that they are collected may not meet these criteria but shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice.

Samples Inspected/Checklist Completed By: Rachel Davis — Date: 05/28/2015

PM Review and Approval: Shirley Rivera — Date: 05/29/2015

APPENDIX B

WELL GAUGING & FIELD REPORTS

PETROLEUM PRODUCT / WATER - LEVEL DATA SHEET

Project #: 3111.01.52

PROJECT: **Chester River Hospital Center**
LOCATION: **Chestertown, Maryland**

DATE: April 22, 2015
WEATHER: Sunny, 30's
COLLECTED BY: Ron Mortel
ENTERED BY: Sylvan Burch

Type product: Fuel oil
Petro correction factor: 0.80

Monitoring Point	Description of Measuring Point (ft msl)	Measuring Point Elevation (ft)	Product Depth (ft)	Water Depth (ft)	Product Thickness (ft)	Fluid Level Elevation (ft msl)	Corrected Water Elevation (ft msl)	Estimated Amount Product Recovered (gal) / NOTES:
MW-1	Lip of Casing	57.05		45.85		11.20	11.20	
MW-2	Lip of Casing	56.37		45.36		11.01	11.01	
MW-3	Lip of Casing	50.55		40.09		10.46	10.46	
MW-4	Lip of Casing	53.40		42.51		10.89	10.89	
MW-5	Lip of Casing	61.08		49.89		11.19	11.19	
MW-6	Lip of Casing	--------	--------	--------	--------	--------	--------	Well destroyed in building expansion Nov 2000
MW-7	Lip of Casing	--------	--------	--------	--------	--------	--------	Well destroyed in building expansion Nov 2000
MW-8	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Aug. 2013
MW-9	Lip of Casing	46.60		37.31		9.29	9.29	
MW-10	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Nov 2012
MW-10R	Lip of Casing	48.70		39.50		9.20	9.20	
MW-11	Lip of Casing	41.49		32.41		9.08	9.08	
MW-12	Lip of Casing	44.46		35.13		9.33	9.33	
MW-13	Lip of Casing	41.70		33.78		7.92	7.92	
MW-14	Lip of Casing	41.38		34.30		7.08	7.08	
MW-15	Lip of Casing	35.01		25.97		9.04	9.04	
MW-16	Lip of Casing	35.55		27.10		8.45	8.45	
MW-17	Lip of Casing	35.49		26.35		9.14	9.14	
MW-18	Lip of Casing	35.82		27.32		8.50	8.50	
MW-19	Lip of Casing	38.85		30.90		7.95	7.95	
MW-20	Lip of Casing	38.72		30.91		7.81	7.81	
MW-21	Lip of Casing	38.55		29.92		8.63	8.63	
MW-22	Lip of Casing	47.04		39.91		7.13	7.13	
MW-23	Lip of Casing	35.95		27.60		8.35	8.35	
MW-24	Lip of Casing	36.56		28.10		8.46	8.46	
MW-25	Lip of Casing	36.10		27.37		8.73	8.73	
MW-27	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Nov 2006
MW-28	Lip of Casing	35.90		26.85		9.05	9.05	
MW-29	Lip of Casing	35.15		26.75		8.40	8.40	
MW-30	Lip of Casing	--------	--------	--------	--------	--------	--------	Well destroyed in building expansion Nov 2000
MW-31	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Nov 2012
MW-31R	Lip of Casing	47.40		37.56		9.84	9.84	
MW-32	Lip of Casing	47.41		38.25		9.16	9.16	
MW-33	Lip of Casing	36.52		28.26		8.26	8.26	
MW-34	Lip of Casing	36.64		28.38		8.26	8.26	
MW-35	Lip of Casing	38.62		30.15		8.47	8.47	
MW-37	Lip of Casing	50.54		39.99		10.55	10.55	
MW-38	Lip of Casing	--------	--------	--------	--------	--------	--------	pump stuck in well - not able to gauge
RW-1B	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Sep. 2013
RW-2D	Lip of Casing	40.54		40.90		-0.36	-0.36	
RW-3B	Lip of Casing	39.45		40.98		-1.53	-1.53	Sheen
MW-40	Lip of Casing	48.88		40.08		8.80	8.80	
MW-41	Lip of Casing	43.15		35.57		7.58	7.58	
RW-4	Lip of Casing	48.15		41.79		6.36	6.36	
RW-5	Lip of Casing	43.34		38.91		4.43	4.43	
RW-6	Lip of Casing	47.22		43.35		3.87	3.87	
RW-2A	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Mar 2008
RW-2B	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Mar 2008
MP-2B	Lip of Casing			32.40				Sheen
RW-2C	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Sep 2003
RW-3A	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Sep 2003
MP-3A	Lip of Casing	--------	--------	--------	--------	--------	--------	Collapsed Well
MW-42	Lip of Casing	47.11		38.06		9.05	9.05	
MW-43	Lip of Casing	47.90		39.36		8.54	8.54	
MW-44	Lip of Casing	47.20		37.56		9.64	9.64	
MW-45	Lip of Casing	40.70		31.81		8.89	8.89	
MW-46	Lip of Casing	40.89		33.40		7.49	7.49	
MW-47	Lip of Casing	40.74		33.51		7.23	7.23	Sheen
MW-48	Lip of Casing	36.22		28.62		7.60	7.60	
MW-49	Lip of Casing	35.49		26.92		8.57	8.57	
MW-50	Lip of Casing	35.64		26.90		8.74	8.74	
IW-1	Lip of Casing	--------	--------	--------	--------	--------	--------	

Project Name:	**Chester River Hospital Center**	Date:	Wednesday, April 01, 2015
Project #:	3111.01.52	Time on - site:	10:30 AM
Location:	**Chestertown, Maryland**	Weather:	Sunny, High 40's
Personnel present at site:	RCM	Vehicle:	1

Reason for site visit:	yes	no
Surveying	☐	☑
Monitoring	☑	☐
Sampling	☐	☑
Other	☐	☑
Recovery system maintenance	☐	☑
Recovery system repair	☐	☑

Scheduled Activities	Checklist	yes	no	n/a	Exceptions (with explanation and comments)
Routine Monitoring	Measured water & petroleum levels	☑	☐	☐	
	Pumped petroleum from wells	☐	☑	☐	
	Emptied petro trap	☐	☑	☐	
	Installed, replaced, or inspected wics	☐	☑	☐	
	Measured and recorded system data	☑	☐	☐	
	Surveyed well elevations	☐	☑	☐	
	Inspected system discharge at storm drain	☐	☑	☐	
Sampling	Groundwater sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Petroleum sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Soil sampling	☐	☑	☐	
	Vapor system sampling	☐	☑	☐	
	Collected sample(s) in lab bottle(s) & chilled	☐	☑	☐	
	Filled out labels and chain-of-custody	☐	☑	☐	
Other Activities	Recorded amount recovered	☐	☑	☐	
	Completed site sketch	☐	☑	☐	
	Recovery system repair	☐	☑	☐	
	Completed materials and equipment form	☐	☑	☐	

Operation & Maintenance	Bag Filter Changed	yes	no	n/a	Before PSI	After PSI	Comments
Bag Filters	BF-1 (Secondary (25 micron bag)	☐	☑	☐	10	NA	Due to low psi, bag filters were not changed
	BF-2 (Primary - 50 micron bag)	☐	☑	☐	11	NA	Due to low psi, bag filters were not changed
	BF-3 (Secondary (25 micron bag)	☐	☑	☐	10	NA	Due to low psi, bag filters were not changed
	BF-4 (Primary - 50 micron bag)	☐	☑	☐	11	NA	Due to low psi, bag filters were not changed

Recovery Wells	Actively Pumping	yes	no	n/a	DTW	DTP	GPM	**Totalizer**	Comments
	RW-2D	☑	☐	☐	41.20	N/A	22.23	956359	
	RW-3B	☑	☐	☐	41.59	N/A	20.76	14408056	
	RW-4	☑	☐	☐	41.80	N/A	5.34	62841773	
	RW-5	☑	☐	☐	40.65	N/A	12.18	9372556	
	RW-6	☑	☐	☐	43.52	N/A	23.95	29218314	
	MW-22	☑	☐	☐	40.16	N/A	3.85	1564317	

Site Visit Summary	The system was running upon arrival. PSI for all bag filters were low ~11. The bag filter form inside the shed door indicated that the filters were last changed by hospital staff on 3/30/15.

Project Name:	**Chester River Hospital Center**	Date:	Wednesday, April 08, 2015
Project #:	3111.01.52	Time on - site:	9:55 AM
Location:	**Chestertown, Maryland**	Weather:	Rain, High 40's
Personnel present at site:	RCM	Vehicle:	1

Reason for site visit:	yes	no
Surveying	☐	☑
Monitoring	☑	☐
Sampling	☐	☑
Other	☐	☑
Recovery system maintenance	☐	☑
Recovery system repair	☐	☑

Scheduled Activities	Checklist	yes	no	n/a	Exceptions (with explanation and comments)
Routine Monitoring	Measured water & petroleum levels	☑	☐	☐	
	Pumped petroleum from wells	☐	☑	☐	
	Emptied petro trap	☐	☑	☐	
	Installed, replaced, or inspected wics	☐	☑	☐	
	Measured and recorded system data	☑	☐	☐	
	Surveyed well elevations	☐	☑	☐	
	Inspected system discharge at storm drain	☐	☑	☐	
Sampling	Groundwater sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Petroleum sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Soil sampling	☐	☑	☐	
	Vapor system sampling	☐	☑	☐	
	Collected sample(s) in lab bottle(s) & chilled	☐	☑	☐	
	Filled out labels and chain-of-custody	☐	☑	☐	
Other Activities	Recorded amount recovered	☐	☑	☐	
	Completed site sketch	☐	☑	☐	
	Recovery system repair	☐	☑	☐	
	Completed materials and equipment form	☐	☑	☐	

Operation & Maintenance	Bag Filter Changed	yes	no	n/a	Before PSI	After PSI	Comments
Bag Filters	BF-1 (Secondary (25 micron bag)	☐	☑	☐	12	NA	Due to low psi, bag filters were not changed
	BF-2 (Primary - 50 micron bag)	☐	☑	☐	12	NA	Due to low psi, bag filters were not changed
	BF-3 (Secondary (25 micron bag)	☐	☑	☐	13	NA	Due to low psi, bag filters were not changed
	BF-4 (Primary - 50 micron bag)	☐	☑	☐	13	NA	Due to low psi, bag filters were not changed

Recovery Wells	Actively Pumping	yes	no	n/a	DTW	DTP	GPM	**Totalizer**	Comments
	RW-2D	☑	☐	☐	41.13	N/A	22.73	1162876	
	RW-3B	☑	☐	☐	41.18	N/A	20.34	14596879	
	RW-4	☑	☐	☐	41.96	N/A	5.95	62892971	
	RW-5	☑	☐	☐	40.48	N/A	11.43	9483841	
	RW-6	☑	☐	☐	43.67	N/A	23.76	29441247	
	MW-22	☑	☐	☐	40.22	N/A	3.44	1595214	

Site Visit Summary

The system was running upon arrival. PSI for all bag filters were low ~12.
The bag filter form inside the shed door indicated that the filters were last changed by hospital staff on 4/6/15.
Four filters in each of the Mycelex filters were changed due to bio-fouling.

Project Name:	**Chester River Hospital Center**	Date:	Wednesday, April 22, 2015
Project #:	3111.01.52	Time on - site:	8:35 AM
Location:	**Chestertown, Maryland**	Weather:	Sunny, High 50's
Personnel present at site:	RCM, MRA	Vehicle:	1

Reason for site visit:	yes	no
Surveying	☐	☑
Monitoring	☑	☐
Sampling	☑	☐
Other	☐	☑
Recovery system maintenance	☐	☑
Recovery system repair	☐	☑

Scheduled Activities	Checklist	yes	no	n/a	Exceptions (with explanation and comments)
Routine Monitoring	Measured water & petroleum levels	☑	☐	☐	
	Pumped petroleum from wells	☐	☑	☐	
	Emptied petro trap	☐	☑	☐	
	Installed, replaced, or inspected wics	☐	☑	☐	
	Measured and recorded system data	☑	☐	☐	
	Surveyed well elevations	☐	☑	☐	
	Inspected system discharge at storm drain	☐	☑	☐	
Sampling	Groundwater sampling(note which wells were sampled on petro form)	☑	☐	☐	See sampling logs for April 22, 23 & 24, 2015
	Petroleum sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Soil sampling	☐	☑	☐	
	Vapor system sampling	☐	☑	☐	
	Collected sample(s) in lab bottle(s) & chilled	☑	☐	☐	
	Filled out labels and chain-of-custody	☑	☐	☐	
Other Activities	Recorded amount recovered	☐	☑	☐	
	Completed site sketch	☐	☑	☐	
	Recovery system repair	☐	☑	☐	
	Completed materials and equipment form	☐	☑	☐	

Operation & Maintenance	Bag Filter Changed	yes	no	n/a	Before PSI	After PSI	Comments
Bag Filters	BF-1 (Secondary (25 micron bag)	☐	☑	☐	15	NA	Due to low psi, bag filters were not changed
	BF-2 (Primary - 50 micron bag)	☐	☑	☐	15	NA	Due to low psi, bag filters were not changed
	BF-3 (Secondary (25 micron bag)	☐	☑	☐	15	NA	Due to low psi, bag filters were not changed
	BF-4 (Primary - 50 micron bag)	☐	☑	☐	15	NA	Due to low psi, bag filters were not changed

Recovery Wells	Actively Pumping	yes	no	n/a	DTW	DTP	GPM	**Totalizer**	Comments
	RW-2D	☑	☐	☐	40.90	N/A	22.19	1544567	
	RW-3B	☑	☐	☐	40.98	N/A	20.58	14943847	
	RW-4	☑	☐	☐	41.79	N/A	5.30	62988638	
	RW-5	☑	☐	☐	43.34	N/A	8.34	9669397	
	RW-6	☑	☐	☐	43.35	N/A	22.48	29850647	
	MW-22	☑	☐	☐	39.91	N/A	3.25	1656085	

Site Visit Summary

The system was running upon arrival. PSI for all bag filters were ~15.
The bag filter form inside the shed door indicated that the filters were last changed by hospital staff on 4/20/15
The flow meter in MW22 was inspected and found to be free-flowing with no sediment buildup.

Project Name:	**Chester River Hospital Center**	Date:	Wednesday, April 29, 2015
Project #:	3111.01.52	Time on - site:	10:20 AM
Location:	**Chestertown, Maryland**	Weather:	Sunny, Mid 70's
Personnel present at site:	RCM	Vehicle:	1

Reason for site visit:	yes	no
Surveying	☐	☑
Monitoring	☑	☐
Sampling	☐	☑
Other	☐	☑
Recovery system maintenance	☐	☑
Recovery system repair	☐	☑

Scheduled Activities	Checklist	yes	no	n/a	Exceptions (with explanation and comments)
Routine Monitoring	Measured water & petroleum levels	☑	☐	☐	MW22 had car parked over it and DTW could not be measured.
	Pumped petroleum from wells	☐	☑	☐	
	Emptied petro trap	☐	☑	☐	
	Installed, replaced, or inspected wics	☐	☑	☐	
	Measured and recorded system data	☑	☐	☐	
	Surveyed well elevations	☐	☑	☐	
	Inspected system discharge at storm drain	☐	☑	☐	
Sampling	Groundwater sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Petroleum sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Soil sampling	☐	☑	☐	
	Vapor system sampling	☐	☑	☐	
	Collected sample(s) in lab bottle(s) & chilled	☐	☑	☐	
	Filled out labels and chain-of-custody	☐	☑	☐	
Other Activities	Recorded amount recovered	☐	☑	☐	
	Completed site sketch	☐	☑	☐	
	Recovery system repair	☐	☑	☐	
	Completed materials and equipment form	☐	☑	☐	

Operation & Maintenance	Bag Filter Changed	yes	no	n/a	Before PSI	After PSI	Comments
Bag Filters	BF-1 (Secondary (25 micron bag)	☐	☑	☐	14	NA	Due to low psi, bag filters were not changed
	BF-2 (Primary - 50 micron bag)	☐	☑	☐	13	NA	Due to low psi, bag filters were not changed
	BF-3 (Secondary (25 micron bag)	☐	☑	☐	13	NA	Due to low psi, bag filters were not changed
	BF-4 (Primary - 50 micron bag)	☐	☑	☐	13	NA	Due to low psi, bag filters were not changed

Recovery Wells	Actively Pumping	yes	no	n/a	DTW	DTP	GPM	**Totalizer**	Comments
	RW-2D	☑	☐	☐	41.06	N/A	22.12	1727054	
	RW-3B	☑	☐	☐	41.19	N/A	20.72	15111428	
	RW-4	☑	☐	☐	41.82	N/A	5.44	63034097	
	RW-5	☑	☐	☐	40.81	N/A	12.26	9767876	
	RW-6	☑	☐	☐	43.30	N/A	22.65	30041807	
	MW-22	☑	☐	☐	N/A	N/A	3.64	1687211	

Site Visit Summary

The system was running upon arrival. PSI for all bag filters were low ~13.
The bag filter form inside the shed door indicated that the filters were last changed by hospital staff on 4/27/15.
Two (2) cartridges from Mycelex #1 and four (4) cartridges from Mycelx #2 were changed out due to bio-fouling.

PETROLEUM PRODUCT / WATER - LEVEL DATA SHEET

Project #: 3111.01.52

PROJECT: **Chester River Hospital Center**
LOCATION: **Chestertown, Maryland**

DATE: May 27, 2015
WEATHER: Warm, Humid, 70's
COLLECTED BY: Ron Mortel
ENTERED BY: Sylvan Burch

Type product: Fuel oil
Petro correction factor: 0.80

Monitoring Point	Description of Measuring Point (ft msl)	Measuring Point Elevation (ft)	Product Depth (ft)	Water Depth (ft)	Product Thickness (ft)	Fluid Level Elevation (ft msl)	Corrected Water Elevation (ft msl)	Estimated Amount Product Recovered (gal) / NOTES:
MW-1	Lip of Casing	57.05		45.57		11.48	11.48	
MW-2	Lip of Casing	56.37		45.06		11.31	11.31	
MW-3	Lip of Casing	50.55		39.86		10.69	10.69	
MW-4	Lip of Casing	53.40		42.18		11.22	11.22	
MW-5	Lip of Casing	61.08		49.57		11.51	11.51	
MW-6	Lip of Casing	--------	--------	--------	--------	--------	--------	Well destroyed in building expansion Nov 2000
MW-7	Lip of Casing	--------	--------	--------	--------	--------	--------	Well destroyed in building expansion Nov 2000
MW-8	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Aug. 2013
MW-9	Lip of Casing	46.60		37.63		8.97	8.97	
MW-10	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Nov 2012
MW-10R	Lip of Casing	48.70		39.15		9.55	9.55	
MW-11	Lip of Casing	41.49		32.05		9.44	9.44	
MW-12	Lip of Casing	44.46		34.75		9.71	9.71	
MW-13	Lip of Casing	41.70		33.41		8.29	8.29	
MW-14	Lip of Casing	41.38		33.97		7.41	7.41	
MW-15	Lip of Casing	35.01		25.87		9.14	9.14	
MW-16	Lip of Casing	35.55		26.78		8.77	8.77	
MW-17	Lip of Casing	35.49		26.09		9.40	9.40	
MW-18	Lip of Casing	35.82		27.15		8.67	8.67	
MW-19	Lip of Casing	38.85		30.46		8.39	8.39	
MW-20	Lip of Casing	38.72		30.47		8.25	8.25	
MW-21	Lip of Casing	38.55		29.55		9.00	9.00	
MW-22	Lip of Casing	47.04		39.87		7.17	7.17	
MW-23	Lip of Casing	35.95		27.41		8.54	8.54	
MW-24	Lip of Casing	36.56		27.28		9.28	9.28	
MW-25	Lip of Casing	36.10		27.12		8.98	8.98	
MW-27	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Nov 2006
MW-28	Lip of Casing	35.90		26.72		9.18	9.18	
MW-29	Lip of Casing	35.15		26.66		8.49	8.49	
MW-30	Lip of Casing	--------	--------	--------	--------	--------	--------	Well destroyed in building expansion Nov 2000
MW-31	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Nov 2012
MW-31R	Lip of Casing	47.40		37.20		10.20	10.20	
MW-32	Lip of Casing	47.41		37.89		9.52	9.52	
MW-33	Lip of Casing	36.52		27.85		8.67	8.67	
MW-34	Lip of Casing	36.64		27.97		8.67	8.67	
MW-35	Lip of Casing	38.62		29.75		8.87	8.87	
MW-37	Lip of Casing	50.54		39.68		10.86	10.86	
MW-38	Lip of Casing	--------	--------	--------	--------	--------	--------	pump stuck in well - not able to gauge
RW-1B	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Sep. 2013
RW-2D	Lip of Casing	40.54		40.82		-0.28	-0.28	
RW-3B	Lip of Casing	39.45		41.41		-1.96	-1.96	
MW-40	Lip of Casing	48.88		39.80		9.08	9.08	
MW-41	Lip of Casing	43.15		35.14		8.01	8.01	
RW-4	Lip of Casing	48.15		41.48		6.67	6.67	
RW-5	Lip of Casing	43.34		40.12		3.22	3.22	
RW-6	Lip of Casing	47.22		42.85		4.37	4.37	
RW-2A	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Mar 2008
RW-2B	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Mar 2008
MP-2B	Lip of Casing			31.98				
RW-2C	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Sep 2003
RW-3A	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Sep 2003
MP-3A	Lip of Casing	--------	--------	--------	--------	--------	--------	Collapsed Well - not able to sample
MW-42	Lip of Casing	47.11		38.10		9.01	9.01	
MW-43	Lip of Casing	47.90		39.07		8.83	8.83	
MW-44	Lip of Casing	47.20		37.47		9.73	9.73	
MW-45	Lip of Casing	40.70		31.76		8.94	8.94	
MW-46	Lip of Casing	40.89		32.99		7.90	7.90	
MW-47	Lip of Casing	40.74		33.29		7.45	7.45	
MW-48	Lip of Casing	36.22		27.28		8.94	8.94	
MW-49	Lip of Casing	35.49		26.60		8.89	8.89	
MW-50	Lip of Casing	35.64		26.85		8.79	8.79	
IW-1	Lip of Casing	--------	--------	--------	--------	--------	--------	

Project Name:	**Chester River Hospital Center**	Date:	Wednesday, May 13, 2015
Project #:	3111.01.52	Time on - site	11:00 AM
Location:	**Chestertown, Maryland**	Weather:	Sunny, Mid 70's
Personnel present at site:	RCM	Vehicle:	1

Reason for site visit:	yes	no
Surveying	☐	☑
Monitoring	☑	☐
Sampling	☐	☑
Other	☐	☑
Recovery system maintenance	☐	☑
Recovery system repair	☐	☑

Scheduled Activities	Checklist	yes	no	n/a	Exceptions (with explanation and comments)
Routine Monitoring	Measured water & petroleum levels	☑	☐	☐	
	Pumped petroleum from wells	☐	☑	☐	
	Emptied petro trap	☐	☑	☐	
	Installed, replaced, or inspected wics	☐	☑	☐	
	Measured and recorded system data	☑	☐	☐	
	Surveyed well elevations	☐	☑	☐	
	Inspected system discharge at storm drain	☐	☑	☐	
Sampling	Groundwater sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Petroleum sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Soil sampling	☐	☑	☐	
	Vapor system sampling	☐	☑	☐	
	Collected sample(s) in lab bottle(s) & chilled	☐	☑	☐	
	Filled out labels and chain-of-custody	☐	☑	☐	
Other Activities	Recorded amount recovered	☐	☑	☐	
	Completed site sketch	☐	☑	☐	
	Recovery system repair	☐	☑	☐	
	Completed materials and equipment form	☐	☑	☐	

Operation & Maintenance	Bag Filter Changed	yes	no	n/a	Before PSI	After PSI	Comments
Bag Filters	BF-1 (Secondary (25 micron bag)	☑	☐	☐	14	11	Moderate iron; low bio-fouling
	BF-2 (Primary - 50 micron bag)	☑	☐	☐	14	10	Light iron; no bio-fouling
	BF-3 (Secondary (25 micron bag)	☑	☐	☐	14	10	Moderate iron; low bio-fouling
	BF-4 (Primary - 50 micron bag)	☑	☐	☐	14	10	Light iron; no bio-fouling

Recovery Wells	Actively Pumping	yes	no	n/a	DTW	DTP	GPM	**Totalizer**	Comments
	RW-2D	☑	☐	☐	41.12	N/A	22.15	2010829	
	RW-3B	☑	☐	☐	41.60	N/A	20.78	15375145	
	RW-4	☑	☐	☐	41.61	N/A	5.30	63107790	
	RW-5	☑	☐	☐	40.72	N/A	12.28	9926098	
	RW-6	☑	☐	☐	43.03	N/A	22.15	30348869	
	MW-22	☑	☐	☐	40.06	N/A	3.56	1737698	

Site Visit Summary

The system was running upon arrival. PSI for all bag filters were low ~14.
The bag filter form inside the shed door indicated that the filters were last changed by hospital staff on 5/8/15.
Based on last change-out date, the bag filters were replaced
Three (3) cartridges from Mycelex #1 and one (1) cartridge from Mycelx #2 were changed out due to bio-fouling.

Project Name:	**Chester River Hospital Center**	Date:	Wednesday, May 27, 2015
Project #:	3111.01.52	Time on - site	8:50 AM
Location:	**Chestertown, Maryland**	Weather:	Sunny, 80's
Personnel present at site:	RCM, MRA	Vehicle:	2

Reason for site visit:	yes	no
Surveying	☐	☑
Monitoring	☑	☐
Sampling	☑	☐
Other	☐	☑
Recovery system maintenance	☐	☑
Recovery system repair	☐	☑

Scheduled Activities	Checklist	yes	no	n/a	Exceptions (with explanation and comments)
Routine Monitoring	Measured water & petroleum levels	☑	☐	☐	
	Pumped petroleum from wells	☐	☑	☐	
	Emptied petro trap	☐	☑	☐	
	Installed, replaced, or inspected wics	☐	☑	☐	
	Measured and recorded system data	☑	☐	☐	
	Surveyed well elevations	☐	☑	☐	
	Inspected system discharge at storm drain	☐	☑	☐	
Sampling	Groundwater sampling(note which wells were sampled on petro form)	☑	☐	☐	See sampling logs for May 27 & 28, 2015
	Petroleum sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Soil sampling	☐	☑	☐	
	Vapor system sampling	☐	☑	☐	
	Collected sample(s) in lab bottle(s) & chilled	☑	☐	☐	
	Filled out labels and chain-of-custody	☑	☐	☐	
Other Activities	Recorded amount recovered	☐	☑	☐	
	Completed site sketch	☐	☑	☐	
	Recovery system repair	☐	☑	☐	
	Completed materials and equipment form	☐	☑	☐	

Operation & Maintenance	Bag Filter Changed	yes	no	n/a	Before PSI	After PSI	Comments
Bag Filters	BF-1 (Secondary (25 micron bag)	☐	☑	☐	13	NA	Due to low psi, bag filters were not changed
	BF-2 (Primary - 50 micron bag)	☐	☑	☐	12	NA	Due to low psi, bag filters were not changed
	BF-3 (Secondary (25 micron bag)	☐	☑	☐	12	NA	Due to low psi, bag filters were not changed
	BF-4 (Primary - 50 micron bag)	☐	☑	☐	12	NA	Due to low psi, bag filters were not changed

Recovery Wells	Actively Pumping	yes	no	n/a	DTW	DTP	GPM	**Totalizer**	Comments
	RW-2D	☑	☐	☐	40.82	N/A	22.06	2334147	
	RW-3B	☑	☐	☐	41.41	N/A	20.43	15675012	
	RW-4	☑	☐	☐	41.48	N/A	5.44	63187561	
	RW-5	☑	☐	☐	40.12	N/A	11.74	10099017	
	RW-6	☑	☐	☐	42.85	N/A	22.54	30680381	
	MW-22	☑	☐	☐	39.87	N/A	3.74	1787178	

Site Visit Summary

The system was running upon arrival. PSI for all bag filters were ~12.
The bag filter form inside the shed door indicated that the filters were last changed by hospital staff on 5/26/15
Counted remaining bag filters. There were nineteen (19) 25-micron filters and seventeen (17) 50-micron filters.
Will order more filters and deliver on next scheduled O&M visit on June 10, 2015.

PETROLEUM PRODUCT / WATER - LEVEL DATA SHEET

Project #: 3111.01.52

PROJECT: **Chester River Hospital Center**
LOCATION: **Chestertown, Maryland**

DATE: June 22, 2015
WEATHER: Sunny, 81°
COLLECTED BY: Ron Mortel
ENTERED BY: Sylvan Burch

Type product: Fuel oil
Petro correction factor: 0.80

Monitoring Point	Description of Measuring Point (ft msl)	Measuring Point Elevation (ft)	Product Depth (ft)	Water Depth (ft)	Product Thickness (ft)	Fluid Level Elevation (ft msl)	Corrected Water Elevation (ft msl)	Estimated Amount Product Recovered (gal) / NOTES:
MW-1	Lip of Casing	57.05		45.38		11.67	11.67	
MW-2	Lip of Casing	56.37		44.87		11.50	11.50	
MW-3	Lip of Casing	50.55		39.46		11.09	11.09	
MW-4	Lip of Casing	53.40		41.96		11.44	11.44	
MW-5	Lip of Casing	61.08		49.41		11.67	11.67	
MW-6	Lip of Casing	--------	--------	--------	--------	--------	--------	Well destroyed in building expansion Nov 2000
MW-7	Lip of Casing	--------	--------	--------	--------	--------	--------	Well destroyed in building expansion Nov 2000
MW-8	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Aug. 2013
MW-9	Lip of Casing	46.60		37.08		9.52	9.52	
MW-10	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Nov 2012
MW-10R	Lip of Casing	48.70		38.84		9.86	9.86	
MW-11	Lip of Casing	41.49		31.75		9.74	9.74	
MW-12	Lip of Casing	44.46		34.40		10.06	10.06	
MW-13	Lip of Casing	41.70		32.99		8.71	8.71	
MW-14	Lip of Casing	41.38		33.61		7.77	7.77	
MW-15	Lip of Casing	35.01		25.81		9.20	9.20	
MW-16	Lip of Casing	35.55		26.61		8.94	8.94	
MW-17	Lip of Casing	35.49		26.09		9.40	9.40	
MW-18	Lip of Casing	35.82		27.21		8.61	8.61	
MW-19	Lip of Casing	38.85		30.03		8.82	8.82	
MW-20	Lip of Casing	38.72		30.03		8.69	8.69	
MW-21	Lip of Casing	38.55		29.27		9.28	9.28	
MW-22	Lip of Casing	47.04		39.32		7.72	7.72	
MW-23	Lip of Casing	35.95		27.41		8.54	8.54	
MW-24	Lip of Casing	36.56		27.60		8.96	8.96	
MW-25	Lip of Casing	36.10		27.11		8.99	8.99	
MW-27	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Nov 2006
MW-28	Lip of Casing	35.90		26.80		9.10	9.10	
MW-29	Lip of Casing	35.15		26.72		8.43	8.43	
MW-30	Lip of Casing	--------	--------	--------	--------	--------	--------	Well destroyed in building expansion Nov 2000
MW-31	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Nov 2012
MW-31R	Lip of Casing	47.40		37.01		10.39	10.39	
MW-32	Lip of Casing	47.41		37.59		9.82	9.82	
MW-33	Lip of Casing	36.52		27.54		8.98	8.98	
MW-34	Lip of Casing	36.64		27.67		8.97	8.97	
MW-35	Lip of Casing	38.62		29.41		9.21	9.21	
MW-37	Lip of Casing	50.54		39.43		11.11	11.11	
MW-38	Lip of Casing	--------	--------	--------	--------	--------	--------	pump stuck in well - not able to gauge
RW-1B	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Sep. 2013
RW-2D	Lip of Casing	40.54		40.00		0.54	0.54	
RW-3B	Lip of Casing	39.45		40.45		-1.00	-1.00	
MW-40	Lip of Casing	48.88		39.21		9.67	9.67	
MW-41	Lip of Casing	43.15		34.48		8.67	8.67	
RW-4	Lip of Casing	48.15		41.08		7.07	7.07	
RW-5	Lip of Casing	43.34		39.95		3.39	3.39	
RW-6	Lip of Casing	47.22		42.27		4.95	4.95	
RW-2A	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Mar 2008
RW-2B	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Mar 2008
MP-2B	Lip of Casing			31.41				
RW-2C	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Sep 2003
RW-3A	Lip of Casing	--------	--------	--------	--------	--------	--------	Well abandoned Sep 2003
MP-3A	Lip of Casing	--------	--------	--------	--------	--------	--------	Collapsed Well - not able to sample
MW-42	Lip of Casing	47.11		37.67		9.44	9.44	
MW-43	Lip of Casing	47.90		38.68		9.22	9.22	
MW-44	Lip of Casing	47.20		37.20		10.00	10.00	
MW-45	Lip of Casing	40.70		31.41		9.29	9.29	
MW-46	Lip of Casing	40.89		32.42		8.47	8.47	
MW-47	Lip of Casing	40.74		32.73		8.01	8.01	
MW-48	Lip of Casing	36.22		27.07		9.15	9.15	
MW-49	Lip of Casing	35.49		26.40		9.09	9.09	
MW-50	Lip of Casing	35.64		26.66		8.98	8.98	
IW-1	Lip of Casing	--------	--------	--------	--------	--------	--------	

Project Name:	**Chester River Hospital Center**	Date:	Wednesday, June 10, 2015
Project #:	3111.01.52	Time on - site	9:50 AM
Location:	**Chestertown, Maryland**	Weather:	Sunny, Mid 80's
Personnel present at site:	RCM & KP	Vehicle:	1

Reason for site visit:	yes	no
Surveying	☐	☑
Monitoring	☑	☐
Sampling	☐	☑
Other	☐	☑
Recovery system maintenance	☐	☑
Recovery system repair	☐	☑

Scheduled Activities	Checklist	yes	no	n/a	Exceptions (with explanation and comments)
Routine Monitoring	Measured water & petroleum levels	☑	☐	☐	
	Pumped petroleum from wells	☐	☑	☐	
	Emptied petro trap	☐	☑	☐	
	Installed, replaced, or inspected wics	☐	☑	☐	
	Measured and recorded system data	☑	☐	☐	
	Surveyed well elevations	☐	☑	☐	
	Inspected system discharge at storm drain	☐	☑	☐	
Sampling	Groundwater sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Petroleum sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Soil sampling	☐	☑	☐	
	Vapor system sampling	☐	☑	☐	
	Collected sample(s) in lab bottle(s) & chilled	☐	☑	☐	
	Filled out labels and chain-of-custody	☐	☑	☐	
Other Activities	Recorded amount recovered	☐	☑	☐	
	Completed site sketch	☐	☑	☐	
	Recovery system repair	☐	☑	☐	
	Completed materials and equipment form	☐	☑	☐	

Operation & Maintenance	Bag Filter Changed	yes	no	n/a	Before PSI	After PSI	Comments
Bag Filters	BF-1 (Secondary (25 micron bag)	☐	☑	☐	14	NA	Due to low psi, bag filters were not changed
	BF-2 (Primary - 50 micron bag)	☐	☑	☐	13	NA	Due to low psi, bag filters were not changed
	BF-3 (Secondary (25 micron bag)	☐	☑	☐	13	NA	Due to low psi, bag filters were not changed
	BF-4 (Primary - 50 micron bag)	☐	☑	☐	14	NA	Due to low psi, bag filters were not changed

Recovery Wells	Actively Pumping	yes	no	n/a	DTW	DTP	GPM	**Totalizer**	Comments
	RW-2D	☑	☐	☐	40.77	N/A	21.59	2716083	
	RW-3B	☑	☐	☐	41.20	N/A	20.41	16034825	
	RW-4	☑	☐	☐	41.63	N/A	5.50	63284582	
	RW-5	☑	☐	☐	39.61	N/A	10.11	10291109	
	RW-6	☑	☐	☐	42.89	N/A	22.02	31073204	
	MW-22	☑	☐	☐	39.78	N/A	3.19	1842621	

Site Visit Summary

The system was running upon arrival. PSI for all bag filters were low ~14.
The bag filter form inside the shed door indicated that the filters were last changed by hospital staff on 6/8/15.
One (1) cartridge from Mycelex #1 and three (3) cartridges from Mycelx #2 were changed out due to bio-fouling.
BrightFields staff restocked the shed with fifty (50) 25-micron filters and fifty (50) 50-micron filters

Project Name:	**Chester River Hospital Center**	Date:	Monday, June 22, 2015
Project #:	3111.01.52	Time on - site	8:30 AM
Location:	**Chestertown, Maryland**	Weather:	Sunny, 80's
Personnel present at site:	RCM, KP	Vehicle:	2

Reason for site visit:	yes	no
Surveying	☐	☑
Monitoring	☑	☑
Sampling	☑	☐
Other	☐	☑
Recovery system maintenance	☐	☑
Recovery system repair	☐	☑

Scheduled Activities	Checklist	yes	no	n/a	Exceptions (with explanation and comments)
Routine Monitoring	Measured water & petroleum levels	☑	☐	☐	
	Pumped petroleum from wells	☐	☑	☐	
	Emptied petro trap	☐	☑	☐	
	Installed, replaced, or inspected wics	☐	☑	☐	
	Measured and recorded system data	☑	☐	☐	
	Surveyed well elevations	☐	☑	☐	
	Inspected system discharge at storm drain	☐	☑	☐	
Sampling	Groundwater sampling(note which wells were sampled on petro form)	☑	☐	☐	See sampling logs for June 22 & 23, 2015
	Petroleum sampling(note which wells were sampled on petro form)	☐	☑	☐	
	Soil sampling	☐	☑	☐	
	Vapor system sampling	☐	☑	☐	
	Collected sample(s) in lab bottle(s) & chilled	☑	☐	☐	
	Filled out labels and chain-of-custody	☑	☐	☐	
Other Activities	Recorded amount recovered	☐	☑	☐	
	Completed site sketch	☐	☑	☐	
	Recovery system repair	☐	☑	☐	
	Completed materials and equipment form	☐	☑	☐	

Operation & Maintenance	Bag Filter Changed	yes	no	n/a	Before PSI	After PSI	Comments
Bag Filters	BF-1 (Secondary (25 micron bag)	☐	☑	☐	10	NA	Hospital maintenance was changing the bags upon arrival
	BF-2 (Primary - 50 micron bag)	☐	☑	☐	10	NA	Hospital maintenance was changing the bags upon arrival
	BF-3 (Secondary (25 micron bag)	☐	☑	☐	10	NA	Hospital maintenance was changing the bags upon arrival
	BF-4 (Primary - 50 micron bag)	☐	☑	☐	10	NA	Hospital maintenance was changing the bags upon arrival

Recovery Wells	Actively Pumping	yes	no	n/a	DTW	DTP	GPM	**Totalizer**	Comments
	RW-2D	☑	☐	☐	40.00	N/A	21.68	2933442	
	RW-3B	☑	☐	☐	40.45	N/A	20.78	16240966	
	RW-4	☑	☐	☐	41.08	N/A	5.63	63339926	
	RW-5	☑	☐	☐	39.95	N/A	12.06	10397884	
	RW-6	☑	☐	☐	42.27	N/A	21.75	31294879	
	MW-22	☑	☐	☐	39.32	N/A	3.23	1874992	

Site Visit Summary	The system was running upon arrival. PSI for all bag filters were ~10. Hospital maintenance was changing the bag filters when we arrived onsite. One (1) cartridge from Mycelex #1 and two (2) cartridges from Mycelx #2 were changed out due to bio-fouling.