Advanced Environmental Concepts, Inc.

1751 Pulaski Hwy. Havre De Grace, MD 21078 410-939-5550

Q3 2023 Report of Monitoring Well, Domestic Supply Well Sampling And Request for Release of Requirement to Maintain a POET System

Site Location:
High's Store #34
2906 Churchville Rd
Churchville, MD 21028

Facility I.D. No. 3851

Prepared For:
Mr. Herb Meade
Carroll Motor Fuels
18 Loveton Circle
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October 17, 2023

SIGNATURE SHEET

Prepared by:

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1.0 Introduction

This monitoring well (MW) sampling report has been prepared to satisfy the requirements set forth by the Maryland Department of the Environment (MDE) for the High's Dairy Store #34 located at 2906 Churchville Rd. Churchville, MD; referred to herein as the "site".

- Site MWs MW-6, MW-8, TF-1 and TF-2 are scheduled to be sampled semiannually (second and fourth quarters).
- Site MWs MW-1, MW-2 and MW-7 are scheduled to be sampled quarterly.
- The on-site POET system is scheduled to be sampled on a monthly basis.
- The POET system treating the supply well servicing 2907 Churchville Rd. is scheduled to be sampled on a quarterly basis.

2.0 Groundwater Sampling

2.1 Monitoring Well Sampling

On 09/20/2023 AEC personnel arrived on site to gauge and sample all site monitoring wells and tank field monitoring pipes. Prior to sampling, each well was gauged for presence/absence of LPH as well as depth to groundwater with an electronic oil/water interface meter. LPH was not detected in any of the site wells. After gauging, each well was purged a total of three well volumes of water. Purged groundwater was treated with activated carbon prior to being discharged to the ground. After purging, groundwater was allowed to recover to a minimum of 90% pre-purge levels prior to sample collection. Groundwater samples were collected using pre-packaged, single use, disposable bailers and placed in laboratory supplied VOAs and then placed in a cooler with ice and chain of custody record for delivery to the laboratory.

Groundwater samples were collected from monitoring wells; MW-1, MW-2, and MW-7. Groundwater samples collected on 09/20/2023 were delivered to AEC's laboratory to be analyzed by EPA Methods 8260 and 8015 for volatile organic compounds (VOCs).

2.2 Domestic Well Sampling

On 07/11/2023, 08/11/2023 and 09/20/2023 samples were collected from the site's domestic supply well POET system. All samples were collected using standard sampling procedures by an MDE certified drinking water sampler.

On 09/20/2023 a sample was collected from the off-site's domestic supply well POET system located at 2907Churchville Rd. Churchville, MD. All samples were collected using standard sampling procedures by an MDE certified drinking water sampler.

3.0 Results of Groundwater Sampling

3.1 Groundwater Elevation

Relative groundwater elevation data collected during the 09/20/2023 sampling and gauging event ranged from 82.34 (highest) in MW-8 to 81.19 feet in MW-6 and MW-1 (lowest). AEC constructed groundwater elevation contours based upon depth to groundwater measurements. The groundwater elevation contour map can be found in Attachment A. AEC, Inc. utilized top of casing elevation data collected by Advantage Environmental Consultants in order to prepare the groundwater flow depiction drawing.

3.2 Groundwater Sampling Results

Detectable concentrations of VOCs were observed in the groundwater samples collected on 09/20/2023 from MW-2.

A Quick Reference Groundwater Sampling Summary Table which summarizes current and historical groundwater sampling analytical results can be found in Attachment B.

3.3 Domestic Supply Well Sampling Results

Method detectable concentrations of VOCs were observed within the water samples collected in Q1 from the influent, of the site's POET system servicing the High's 34 (2906 Churchville Rd.) domestic supply well.

Method detectable concentrations of VOCs were not observed within the Q3 water samples collected from the POET system located on the property located at 2907 Churchville Rd.

A Quick Reference Groundwater Sampling Summary Table which summarizes current and historical groundwater sampling analytical results can be found in Attachment B. A full Report of Analysis and Chain of Custody Record can be found in Attachment C.

4.0 Future Sampling

AEC, Inc will continue to sample the monitoring well (MW) network and the potable treatment systems as required by the Maryland Department of the Environment (MDE) for the High's Dairy Store #34 located at 2906 Churchville Rd. Churchville, MD as stated below:

- Site MWs MW-6, MW-8, TF-1 and TF-2 are scheduled to be sampled semiannually (second and fourth quarters).
- Site MWs MW-1, MW-2 and MW-7 are scheduled to be sampled quarterly.
- The on-site POET system is scheduled to be sampled monthly.
- The POET system treating the supply well servicing 2907 Churchville Rd. is scheduled to be sampled on a quarterly basis.

5.0 Request for Release of Requirement

AEC on behalf of Carroll Independent Fuel requests the release of the requirement to maintain the POET system servicing 2907 Churchville Rd. The basis for the request is the lack of influent volatile organic compound (VOC) contamination detected since 9/22/2020 and no detectable concentrations of VOCs at or above the MCL since 9/4/2019. An analytical summary table which summarizes the historical analysis of the system is provided in Appendix B.

Attachment A
Site Maps

AEC
Advanced Environmental Concepts, Inc.

High's Store #34
2906 Churchville, Rd
Churchville, MD 21028

Groundwater Contour Elevation Map
September 2023
0.2 ft Contour

Attachment B
Groundwater Gauging & Analytical Tables

High's #34
2906 Churchville Road
Churchville, MD 21028
Historical Gauging Data

MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-1	7/9/2005	ND	12.59	ND	85.16
TOC Elev =	2/3/2006	ND	8.20	ND	89.55
97.75	7/11/2006	ND	9.66	ND	88.09
	1/31/2007	ND	11.27	ND	86.48
	4/17/2007	ND	8.25	ND	89.50
	7/30/2007	ND	15.87	ND	81.88
	11/2/2007	ND	16.62	ND	81.13
	1/29/2008	ND	12.99	ND	84.76
	3/27/2008	ND	10.73	ND	87.02
	6/25/2008	ND	12.25	ND	85.50
	9/29/2008	ND	15.10	ND	82.65
	12/30/2008	ND	11.93	ND	85.82
	3/30/2009	ND	13.21	ND	84.54
	6/24/2009	ND	11.84	ND	85.91
	6/30/2009	ND	12.40	ND	85.35
	9/30/2009	ND	6.82	ND	90.93
	11/3/2009	ND	8.36	ND	89.39
	12/29/2009	ND	11.30	ND	86.45
	3/25/2010	ND	8.57	ND	89.18
	6/18/2010	ND	7.09	ND	90.66
	8/31/2010	ND	16.53	ND	81.22
	12/15/2010	ND	11.88	ND	85.87
	3/1/2011	ND	10.07	ND	87.68
	5/20/2011	ND	10.98	ND	86.77
	8/31/2011	ND	9.72	ND	88.03
	11/29/2011	ND	10.09	ND	87.66
	2/28/2012	ND	11.99	ND	85.76
	5/8/2012	ND	13.42	ND	84.33
	8/2/2012	ND	16.20	ND	81.55
	11/6/2012	ND	13.46	ND	84.29
	3/1/2013	ND	10.20	ND	87.55
	5/23/2013	ND	12.45	ND	85.30
	8/20/2013	ND	9.91	ND	87.84
	11/14/2013	ND	14.63	ND	83.12
	2/18/2014	ND	8.90	ND	88.85
	5/15/2014	ND	9.22	ND	88.53
	8/5/2014	ND	12.40	ND	85.35
	11/10/2014	ND	13.23	ND	84.52
	2/9/2015	ND	10.51	ND	87.24
	5/7/2015	ND	11.34	ND	86.41
	8/9/2015	ND	12.31	ND	85.44
	11/5/2015	ND	14.80	ND	82.95
	2/11/2016	ND	7.80	ND	89.95
	5/12/2016	ND	11.63	ND	86.12
	8/23/2016	ND	15.15	ND	82.60
	11/14/2016	ND	17.72	ND	80.03
	2/7/2017	ND	14.54	ND	83.21
	5/11/2017	ND	12.42	ND	85.33
	8/22/2017	ND	11.17	ND	86.58
	11/14/2017	ND	13.46	ND	84.29
	2/22/2018	ND	10.60	ND	87.15
	8/20/2018	ND	10.80	ND	86.95
	11/5/2018	ND	8.50	ND	89.25
	3/7/2019	ND	7.85	ND	89.90
	6/14/2019	ND	9.97	ND	87.78
	9/4/2019	ND	13.62	ND	84.13
	12/9/2019	ND	12.94	ND	84.81
	3/24/2020	ND	10.15	ND	87.60
	6/1/2020	ND	11.13	ND	86.62
	9/22/2020	ND	14.88	ND	82.87
	12/18/2020	ND	7.37	ND	90.38
	3/17/2021	ND	10.12	ND	87.63
	6/21/2021	ND	9.92	ND	87.83
	9/13/2021	ND	11.41	ND	86.34
	12/9/2021	ND	11.87	ND	85.88
	3/18/2022	ND	11.97	ND	85.78
	6/21/2022	ND	12.33	ND	85.42
	9/30/2022	ND	12.87	ND	84.88
	12/16/2022	ND	7.93	ND	89.82
	3/14/2023	ND	8.21	ND	89.54
	6/23/2023	ND	8.05	ND	89.70
	9/20/2023	ND	16.56	ND	81.19

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Historical Gauging Data

MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-2	7/9/2005	ND	10.62	ND	84.94
TOC Elev 1 =	2/3/2006	ND	7.55	ND	88.01
95.56	7/11/2006	ND	7.36	ND	88.20
	1/31/2007	ND	9.21	ND	86.35
	4/17/2007	ND	5.79	ND	89.77
	7/30/2007	ND	13.77	ND	81.79
	11/2/2007	ND	14.43	ND	81.13
	1/29/2008	ND	9.83	ND	85.73
	3/27/2008	ND	8.46	ND	87.10
	6/25/2008	ND	9.80	ND	85.76
	9/29/2008	ND	13.09	ND	82.47
	12/30/2008	ND	9.86	ND	85.70
	3/30/2009	ND	11.25	ND	84.31
	6/24/2009	ND	9.64	ND	85.92
	9/30/2009	ND	7.60	ND	88.03
	12/29/2009	ND	9.85	ND	85.78
MW-2	3/25/2010	ND	6.27	ND	89.36
TOC Elev 2 =	6/18/2010	ND	5.69	ND	89.94
95.63	8/31/2010	ND	14.25	ND	81.38
	12/15/2010	ND	9.86	ND	85.77
	3/1/2011	ND	8.23	ND	87.40
	5/20/2011	ND	8.62	ND	87.01
	8/31/2011	ND	9.75	ND	85.88
	11/29/2011	ND	7.36	ND	88.27
	2/28/2012	ND	9.79	ND	85.84
	5/8/2012	ND	11.28	ND	84.35
	8/2/2012	ND	14.00	ND	81.63
	11/6/2012	ND	11.40	ND	84.23
	3/1/2013	ND	8.50	ND	87.13
	5/23/2013	ND	10.21	ND	85.42
	8/20/2013	ND	7.60	ND	88.03
	11/14/2013	ND	12.34	ND	83.29
	2/18/2014	ND	7.15	ND	88.48
	5/15/2014	ND	6.75	ND	88.88
	8/5/2014	ND	10.11	ND	85.52
	11/10/2014	ND	10.78	ND	84.85
	2/9/2015	ND	8.33	ND	87.30
	5/7/2015	ND	8.97	ND	86.66
	8/9/2015	ND	10.01	ND	85.62
	11/5/2015	ND	12.60	ND	83.03
	2/11/2016	ND	6.21	ND	89.42
	5/12/2016	ND	10.34	ND	85.29
	8/23/2016	ND	13.10	ND	82.53
	11/14/2016	ND	15.46	ND	80.17
	2/7/2017	ND	12.35	ND	83.28
	5/11/2017	ND	10.20	ND	85.43
	8/22/2017	ND	9.26	ND	86.37
	11/14/2017	ND	11.31	ND	84.32
	2/22/2018	ND	8.67	ND	86.96
	8/20/2018	ND	8.40	ND	87.23
	11/5/2018	ND	6.95	ND	88.68
	3/7/2019	ND	5.92	ND	89.71
	6/14/2019	ND	9.22	ND	86.41
	9/4/2019	ND	13.30	ND	82.33
	12/9/2019	ND	10.65	ND	84.98
	3/24/2020	ND	8.88	ND	86.75
	6/1/2020	ND	8.90	ND	86.73
	9/22/2020	ND	12.67	ND	82.96
	12/18/2020	ND	7.14	ND	88.49
	3/17/2021	ND	7.83	ND	87.80
	6/21/2021	ND	7.52	ND	88.11
	9/13/2021	ND	9.07	ND	86.56
	12/9/2021	ND	9.63	ND	86.00
	3/18/2022	ND	9.93	ND	85.70
	6/21/2022	ND	10.20	ND	85.43
	9/30/2022	ND	10.77	ND	84.86
	12/16/2022	ND	8.10	ND	87.53
	3/14/2023	ND	8.52	ND	87.11
	6/23/2023	ND	8.36	ND	87.27
	9/20/2023	ND	14.35	ND	81.28

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MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-3	7/9/2005	ND	8.69	ND	86.75
TOC Elev 1 =	2/3/2006	ND	5.74	ND	89.70
95.44	7/11/2006	ND	6.36	ND	89.08
	1/31/2007	ND	7.47	ND	87.97
	4/17/2007	ND	2.96	ND	92.48
	7/30/2007	ND	12.49	ND	82.95
	11/2/2007	ND	13.32	ND	82.12
	1/29/2008	ND	10.86	ND	84.58
	3/27/2008	ND	7.44	ND	88.00
	6/25/2008	ND	8.84	ND	86.60
	9/29/2008	ND	11.82	ND	83.62
	12/30/2008	ND	8.80	ND	86.64
	3/30/2009	ND	10.07	ND	85.37
	6/24/2009	ND	8.52	ND	86.92
	6/30/2009	ND	9.06	ND	86.38
MW-3	9/30/2009	ND	6.52	ND	87.94
TOC Elev 2 =	11/3/2009	ND	5.31	ND	84.71
94.46	12/29/2009	ND	7.45	ND	87.10
	3/25/2010	ND	5.19	ND	84.67
	6/18/2010	ND	4.71	ND	83.18
	8/31/2010	ND	13.21	ND	80.46
	12/15/2010	ND	8.76	ND	83.06
	3/1/2011	ND	6.91	ND	85.96
	5/20/2011	ND	7.49	ND	84.25
	8/31/2011		Abandoned		
MW-4	7/11/2006	ND	6.13	ND	88.35
TOC Elev 1 =	1/31/2007	ND	5.97	ND	88.51
94.48	4/17/2007	ND	4.17	ND	90.31
	7/30/2007	ND	12.30	ND	82.18
	11/2/2007	ND	12.63	ND	81.85
	1/29/2008	ND	8.94	ND	85.54
	3/27/2008	ND	6.70	ND	87.78
	6/25/2008	ND	8.67	ND	85.81
	9/29/2008	ND	11.60	ND	82.88
	12/30/2008	ND	8.77	ND	85.71
	3/30/2009	ND	10.19	ND	84.29
	6/24/2009	ND	8.67	ND	85.81
	6/30/2009	ND	9.13	ND	85.35
MW-4	9/30/2009	ND	7.94	ND	87.38
TOC Elev 2 =	11/3/2009	ND	5.22	ND	90.10
95.32	12/29/2009	ND	8.92	ND	86.40
	3/25/2010	ND	6.10	ND	89.22
	6/18/2010	ND	5.05	ND	90.27
	8/31/2010	ND	13.76	ND	81.56
	12/15/2010	ND	25.31	ND	70.01
	3/1/2011	ND	7.65	ND	87.67
	5/20/2011	ND	7.58	ND	87.74
	8/31/2011		Abandoned		
MW-5	7/11/2006	ND	10.64	ND	85.38
TOC Elev 1 =	1/31/2007	ND	9.27	ND	86.75
96.02	4/17/2007	ND	5.72	ND	90.30
	7/30/2007	ND	17.07	ND	78.95
	11/2/2007	ND	14.66	ND	81.36
	1/29/2008	ND	11.45	ND	84.57
	3/27/2008	ND	9.18	ND	86.84
	6/25/2008	ND	9.81	ND	86.21
	9/29/2008	ND	13.50	ND	82.52
	12/30/2008	ND	10.37	ND	85.65
	3/30/2009	ND	11.89	ND	84.13
	6/24/2009	ND	10.34	ND	85.68
	6/30/2009	ND	10.78	ND	85.24
MW-5	9/30/2009	ND	7.98	ND	88.40
TOC Elev 2 =	11/3/2009	ND	6.64	ND	89.74
96.38	12/29/2009	ND	9.18	ND	87.20
	3/25/2010	ND	6.53	ND	89.85

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MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
	6/18/2010	ND	5.11	ND	91.27
	8/31/2010	ND	14.58	ND	81.80
	12/15/2010	ND	9.68	ND	86.70
	3/1/2011	ND	8.24	ND	88.14
	5/20/2011	ND	9.20	ND	87.18
	8/31/2011		Abandoned		
MW-6	6/24/2009	ND	9.27	ND	85.92
TOC Elev 1 =	6/30/2009	ND	9.79	ND	85.40
95.19	9/30/2009	ND	6.48	ND	88.82
	11/3/2009	ND	6.33	ND	88.97
MW-6	12/29/2009	ND	NG	ND	#VALUE!
TOC Elev 2 =	3/25/2010	ND	5.41	ND	89.89
95.30	6/18/2010	ND	4.37	ND	90.93
	8/31/2010	ND	12.81	ND	82.49
	12/15/2010	ND	9.33	ND	85.97
	3/1/2011	ND	6.80	ND	88.50
	5/20/2011	ND	8.11	ND	87.19
	8/31/2011	ND	8.28	ND	87.02
	11/29/2011	ND	6.93	ND	88.37
	2/28/2012	ND	9.40	ND	85.90
	5/8/2012	ND	10.87	ND	84.43
	8/2/2012	ND	13.51	ND	81.79
	11/6/2012	ND	10.43	ND	84.87
	3/1/2013	ND	7.96	ND	87.34
	5/23/2013	ND	9.75	ND	85.55
	8/20/2013	ND	7.19	ND	88.11
	11/14/2013	ND	12.02	ND	83.28
	2/18/2014	ND	6.77	ND	88.53
	5/15/2014	ND	6.27	ND	89.03
	8/5/2014	ND	9.51	ND	85.79
	11/10/2014	ND	10.83	ND	84.47
	2/9/2015	ND	7.80	ND	87.50
	5/7/2015	ND	8.53	ND	86.77
	8/9/2015	ND	9.61	ND	85.69
	11/5/2015	ND	12.10	ND	83.20
	2/11/2016	ND	5.10	ND	90.20
	5/12/2016	ND	8.74	ND	86.56
	8/23/2016	ND	12.41	ND	82.89
	11/14/2016	ND	15.07	ND	80.23
	2/7/2017	ND	11.87	ND	83.43
	5/11/2017	ND	9.61	ND	85.69
	8/22/2017	ND	8.51	ND	86.79
	11/14/2017	ND	10.90	ND	84.40
	2/22/2018	ND	8.07	ND	87.23
	8/20/2018	ND	7.94	ND	87.36
	11/5/2018	ND	6.55	ND	88.75
	3/7/2019	ND	5.35	ND	89.95
	6/14/2019	ND	8.32	ND	86.98
	9/4/2019	ND	10.63	ND	84.67
	12/9/2019	ND	10.2	ND	85.10
	3/24/2020	ND	8.15	ND	87.15
	6/1/2020	ND	8.29	ND	87.01
	9/22/2020	ND	12.27	ND	83.03
	12/18/2020	ND	6.46	ND	88.84
	3/17/2021	ND	6.63	ND	88.67
	6/21/2021	ND	7.05	ND	88.25
	9/13/2021	ND	8.97	ND	86.33
	12/9/2021	ND	9.28	ND	86.02
	3/18/2022	ND	8.63	ND	86.67
	6/21/2022	ND	9.12	ND	86.18
	9/30/2022	ND	9.68	ND	85.62
	12/16/2022	ND	8.85	ND	86.45
	3/14/2023	ND	9.17	ND	86.13
	6/23/2023	ND	8.95	ND	86.35
	9/20/2023	ND	14.11	ND	81.19

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Historical Gauging Data

MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-7	6/24/2009	ND	8.61	ND	85.67
TOC Elev 1 =	6/30/2009	ND	8.97	ND	85.31
94.28	9/30/2009	ND	8.41	ND	85.91
	11/3/2009	ND	5.81	ND	88.51
MW-7	12/29/2009	ND	NG	ND	
TOC Elev 2 =	3/25/2010	ND	5.28	ND	89.04
94.32	6/18/2010	ND	4.43	ND	89.89
	8/31/2010	ND	13.12	ND	81.20
	12/15/2010	ND	8.69	ND	85.63
	3/1/2011	ND	6.53	ND	87.79
	5/20/2011	ND	7.61	ND	86.71
	8/31/2011	ND	8.59	ND	85.73
	11/29/2011	ND	6.72	ND	87.60
	2/28/2012	ND	8.01	ND	86.31
	5/8/2012	ND	9.61	ND	84.71
	8/2/2012	ND	12.62	ND	81.70
	11/6/2012	ND	10.57	ND	83.75
	3/1/2013	ND	7.47	ND	86.85
	5/23/2013	ND	8.92	ND	85.40
	8/20/2013	ND	6.24	ND	88.08
	11/14/2013	ND	10.82	ND	83.50
	2/18/2014	ND	6.27	ND	88.05
	5/15/2014	ND	5.79	ND	88.53
	8/5/2014	ND	8.30	ND	86.02
	11/10/2014	ND	9.12	ND	85.20
	2/9/2015	ND	7.34	ND	86.98
	5/7/2015	ND	8.01	ND	86.31
	8/9/2015	ND	9.02	ND	85.30
	11/5/2015	ND	11.60	ND	82.72
	2/11/2016	ND	5.12	ND	89.20
	5/12/2016	ND	7.14	ND	87.18
	8/23/2016	ND	11.95	ND	82.37
	11/14/2016	ND	14.42	ND	79.90
	2/7/2017	ND	11.22	ND	83.10
	5/11/2017	ND	9.03	ND	85.29
	8/22/2017	ND	8.13	ND	86.19
	11/14/2017	ND	10.23	ND	84.09
	2/22/2018	ND	7.50	ND	86.82
	8/20/2018	ND	7.54	ND	86.78
	11/5/2018	ND	6.10	ND	88.22
	3/7/2019	ND	5.04	ND	89.28
	6/14/2019	ND	8.12	ND	86.20
	9/4/2019	ND	10.2	ND	84.12
	12/9/2019	ND	9.68	ND	84.64
	3/24/2020	ND	7.63	ND	86.69
	6/1/2020	ND	7.9	ND	86.42
	9/22/2020	ND	11.57	ND	82.75
	12/18/2020	ND	6.01	ND	88.31
	3/17/2021	ND	6.84	ND	87.48
	6/21/2021	ND	6.68	ND	87.64
	9/13/2021	ND	8.21	ND	86.11
	12/9/2021	ND	8.77	ND	85.55
	3/18/2022	ND	8.69	ND	85.63
	6/21/2022	ND	9.08	ND	85.24
	9/30/2022	ND	9.52	ND	84.80
	12/16/2022	ND	7.63	ND	86.69
	3/14/2023	ND	8.12	ND	86.20
	6/23/2023	ND	7.95	ND	86.37
	9/20/2023	ND	13.37	ND	80.95

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MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW-8	6/24/2009	ND	9.83	ND	85.94
TOC Elev 1 =	6/30/2009	ND	10.31	ND	85.46
95.77	9/30/2009	ND	7.10	ND	88.76
	11/3/2009	ND	6.12	ND	89.74
MW-8	12/29/2009	ND	NG	ND	
TOC Elev 2 =	3/25/2010	ND	6.95	ND	88.91
95.86	6/18/2010	ND	5.63	ND	90.23
	8/31/2010	ND	14.32	ND	81.54
	12/15/2010	ND	9.72	ND	86.14
	3/1/2011	ND	8.72	ND	87.14
	5/20/2011	ND	8.75	ND	87.11
	8/31/2011	ND	9.31	ND	86.55
	11/29/2011	ND	7.49	ND	88.37
	2/28/2012	ND	9.98	ND	85.88
	5/8/2012	ND	11.52	ND	84.34
	8/2/2012	ND	14.11	ND	81.75
	11/6/2012	ND	11.10	ND	84.76
	3/1/2013	ND	8.57	ND	87.29
	5/23/2013	ND	10.37	ND	85.49
	8/20/2013	ND	7.66	ND	88.20
	11/14/2013	ND	12.49	ND	83.37
	2/18/2014	ND	7.11	ND	88.75
	5/15/2014	ND	6.94	ND	88.92
	8/5/2014	ND	9.47	ND	86.39
	11/10/2014	ND	10.57	ND	85.29
	2/9/2015	ND	8.42	ND	87.44
	5/7/2015	ND	9.06	ND	86.80
	8/9/2015	ND	9.84	ND	86.02
	11/5/2015	ND	12.70	ND	83.16
	2/11/2016	ND	6.30	ND	89.56
	5/12/2016	ND	8.19	ND	87.67
	8/23/2016	ND	13.12	ND	82.74
	11/14/2016	ND	15.55	ND	80.31
	2/7/2017	ND	12.52	ND	83.34
	5/11/2017	ND	10.30	ND	85.56
	8/22/2017	ND	9.18	ND	86.68
	11/14/2017	ND	11.49	ND	84.37
	2/22/2018	ND	8.57	ND	87.29
	8/20/2018	NG	NG (Inaccessible)	NG	NG
	11/5/2018	ND	7.00	ND	88.86
	3/7/2019	ND	5.97	ND	89.89
	6/14/2019	ND	9.12	ND	86.74
	9/4/2019	ND	11.49	ND	84.37
	12/9/2019	ND	10.89	ND	84.97
	3/24/2020	ND	8.88	ND	86.98
	6/1/2020	ND	9.06	ND	86.80
	9/22/2020	ND	12.90	ND	82.96
	12/18/2020	ND	7.26	ND	88.60
	3/17/2021	ND	8.14	ND	87.72
	6/21/2021	ND	7.72	ND	88.14
	9/13/2021	ND	9.34	ND	86.52
	12/9/2021	ND	9.84	ND	86.02
	3/18/2022	ND	10.12	ND	85.74
	6/21/2022	ND	10.87	ND	84.99
	9/30/2022	ND	11.15	ND	84.71
	12/16/2022	ND	7.68	ND	88.18
	3/14/2023	ND	8.18	ND	87.68
	6/23/2023	ND	8.02	ND	87.84
	9/20/2023	ND	13.52	ND	82.34

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MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
TF-1	7/9/2005	NA	NG	NA	NA
	2/3/2006	NA		NA	NA
	7/11/2006	NA		NA	NA
	1/31/2007	NA		NA	NA
	4/17/2007	ND	6.29	ND	NA
	7/30/2007	ND	12.68	ND	NA
	11/2/2007	ND	14.02	ND	NA
	1/29/2008	ND	10.28	ND	NA
	3/27/2008	ND	7.62	ND	NA
	6/25/2008	ND	8.54	ND	NA
	9/29/2008	ND	12.70	ND	NA
	12/30/2008	ND	9.24	ND	NA
	3/30/2009	ND	9.72	ND	NA
	6/24/2009	ND	NG	ND	NA
	6/30/2009	ND	9.00	ND	NA
	9/30/2009	ND	6.73	ND	NA
	11/3/2009	ND	6.13	ND	NA
	12/29/2009	ND	10.19	ND	NA
	3/25/2010	ND	4.91	ND	NA
	6/18/2010	ND	3.88	ND	NA
	8/31/2010	ND	13.26	ND	NA
	12/15/2010	ND	9.48	ND	NA
	3/1/2011	ND	7.56	ND	NA
	5/20/2011	ND	7.55	ND	NA
	8/31/2011	ND	10.21	ND	NA
	11/29/2011	ND	6.61	ND	NA
	2/28/2012	ND	8.64	ND	NA
	5/8/2012	ND	10.42	ND	NA
	8/2/2012	ND	NG	ND	NA
	11/6/2012	ND	11.51	ND	NA
	3/1/2013	ND	8.07	ND	NA
	5/23/2013	ND	9.47	ND	NA
	8/20/2013	ND	6.94	ND	NA
	11/14/2013	ND	11.46	ND	NA
	2/18/2014	ND	6.21	ND	NA
	5/15/2014	ND	5.51	ND	NA
	8/5/2014	ND	9.23	ND	NA
	11/10/2014	ND	8.65	ND	NA
	2/9/2015	ND	7.40	ND	NA
	5/7/2015	ND	7.97	ND	NA
	8/9/2015	ND	8.58	ND	NA
	11/5/2015	ND	12.10	ND	NA
	2/11/2016	ND	5.31	ND	NA
	5/12/2016	ND	7.85	ND	NA
	8/23/2016	ND	12.35	ND	NA
	11/14/2016	ND	14.78	ND	NA
	2/7/2017	ND	11.20	ND	NA
	5/11/2017	ND	8.90	ND	NA
	8/22/2017	ND	8.97	ND	NA
	11/14/2017	ND	10.70	ND	NA
	2/22/2018	ND	8.13	ND	NA
	8/20/2018	ND	7.11	ND	NA
	11/5/2018	ND	6.45	ND	NA
	3/7/2019	ND	5.43	ND	NA
	6/14/2019	ND	8.74	ND	NA
	9/4/2019	ND	10.48	ND	NA
	12/9/2019	ND	10.36	ND	NA
	3/24/2020	ND	8.56	ND	NA
	6/1/2020	ND	8.23	ND	NA
	12/18/2020	ND	6.65	ND	NA
	3/17/2021	ND	8.02	ND	NA
	6/21/2021	ND	6.95	ND	NA
	9/13/2021	ND	8.56	ND	NA
	12/9/2021	ND	8.98	ND	NA
	3/18/2022	ND	9.69	ND	NA
	6/21/2022	ND	9.94	ND	NA
	9/30/2022	ND	10.36	ND	NA
	12/16/2022	ND	8.18	ND	NA
	3/14/2023	ND	8.27	ND	NA
	6/23/2023	ND	8.08	ND	NA
	9/20/2023	ND	13.57	ND	NA

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MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
TF-2	7/9/2005	NA	NA	NA	NA
	2/3/2006	NA	NA	NA	NA
	7/11/2006	NA	NA	NA	NA
	1/31/2007	NA	NA	NA	NA
	4/17/2007	ND	6.70	ND	NA
	7/30/2007	ND	13.02	ND	NA
	11/2/2007	ND	14.51	ND	NA
	1/29/2008	ND	10.35	ND	NA
	3/27/2008	ND	8.16	ND	NA
	6/25/2008	ND	9.07	ND	NA
	9/29/2008	ND	13.05	ND	NA
	12/30/2008	ND	9.76	ND	NA
	3/30/2009	ND	11.10	ND	NA
	6/24/2009	ND	NG	ND	NA
	6/30/2009	ND	9.40	ND	NA
	9/30/2009	ND	6.72	ND	NA
	11/3/2009	ND	5.72	ND	NA
	12/29/2009	ND	9.68	ND	NA
	3/25/2010	ND	4.94	ND	NA
	6/18/2010	ND	3.93	ND	NA
	8/31/2010	ND	13.68	ND	NA
	12/15/2010	ND	9.92	ND	NA
	3/1/2011	ND	8.13	ND	NA
	5/20/2011	ND	7.96	ND	NA
	8/31/2011	ND	10.69	ND	NA
	11/29/2011	ND	7.03	ND	NA
	2/28/2012	ND	9.23	ND	NA
	5/8/2012	ND	10.99	ND	NA
	8/2/2012	ND	NG	ND	NA
	11/6/2012	ND	11.87	ND	NA
	3/1/2013	ND	8.47	ND	NA
	5/23/2013	ND	9.76	ND	NA
	8/20/2013	ND	7.31	ND	NA
	11/14/2013	ND	11.88	ND	NA
	2/18/2014	ND	6.62	ND	NA
	5/15/2014	ND	5.88	ND	NA
	8/5/2014	ND	9.58	ND	NA
	11/10/2014	ND	8.35	ND	NA
	2/9/2015	ND	7.80	ND	NA
	5/7/2015	ND	8.34	ND	NA
	8/9/2015	ND	9.26	ND	NA
	11/5/2015	ND	11.90	ND	NA
	2/11/2016	ND	5.58	ND	NA
	5/12/2016	ND	7.33	ND	NA
	8/23/2016	ND	13.81	ND	NA
	11/14/2016	ND	15.16	ND	NA
	2/7/2017	ND	11.92	ND	NA
	5/11/2017	ND	9.76	ND	NA
	8/22/2017	ND	9.21	ND	NA
	11/14/2017	ND	11.11	ND	NA
	2/22/2018	ND	8.63	ND	NA
	8/20/2018	ND	7.40	ND	NA
	11/5/2018	ND	7.00	ND	NA
	3/7/2019	ND	5.08	ND	NA
	6/14/2019	ND	8.41	ND	NA
	9/4/2019	ND	10.56	ND	NA
	12/9/2019	ND	10.03	ND	NA
	3/24/2020	ND	8.05	ND	NA
	6/1/2020	ND	7.77	ND	NA
	12/18/2020	ND	6.82	ND	NA
	3/17/2021	ND	7.97	ND	NA
	6/21/2021	ND	6.29	ND	NA
	9/13/2021	ND	7.88	ND	NA
	12/9/2021	ND	8.11	ND	NA
	3/18/2022	ND	9.73	ND	NA
	6/21/2022	ND	10.02	ND	NA
	9/30/2022	ND	10.47	ND	NA
	12/16/2022	ND	8.12	ND	NA
	3/14/2023	ND	8.24	ND	NA
	6/23/2023	ND	8.11	ND	NA
	9/20/2023	ND	13.64	ND	NA

*Data on these dates provided by previous consultant
ND = Not Detected
NP = Not Provided
NA = Not Applicable

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ID	Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	MTBE	TBA	TPH-GRO	TPH-DRO
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**20**		**47**	47
MW-1	7/9/2005	ND	ND	ND	ND	ND		NS	NS
	2/3/2006	ND	ND	ND	ND	ND		NS	NS
	7/11/2006	ND	ND	ND	ND	ND		NS	NS
	1/31/2007	ND	ND	ND	ND	ND		NS	NS
	4/17/2007	ND	ND	ND	ND	ND		ND	ND
	7/30/2007	ND	ND	ND	ND	ND		ND	ND
	11/2/2007	ND	ND	ND	ND	ND		ND	ND
	1/29/2008	ND	11.0	ND	5.30	370		ND	ND
	3/27/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/25/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/29/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/30/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/30/2009	BDL	7	BDL	8.1	BDL		BDL	BDL
	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/18/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/15/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	1/3/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/20/2011	BDL	BDL	BDL	BDL	6.2		BDL	BDL
	8/31/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/29/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/28/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/5/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/8/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/11/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	1/3/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/23/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/20/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/18/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/15/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/8/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	10/11/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/2/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	7/5/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/19/2015	BDL	BDL	BDL	BDL	BDL		0.162	BDL
	5/11/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/2/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/5/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/23/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	7/2/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/5/2017	BDL	BDL	BDL	BDL	BDL		0.26	BDL
	8/22/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/22/2018	<2.0	<2.0	<2.0	<4.0	<2.0		<0.100	<0.19
	8/20/2018	ND	ND	ND	ND	ND		ND	ND
	11/5/2018	ND	ND	ND	ND	ND		ND	ND
	3/7/2019	ND	ND	ND	ND	ND		ND	ND
	6/14/2019	<5	<5	<5	<5	<5		<100	<500
	9/4/2019	<5	<5	<5	<5	<5		<100	<500
	12/9/2019	<5	<5	<5	<5	<5		<100	<500
	3/24/2020	<5	<5	<5	<5	<5		<100	<500
	6/1/2020	<5	<5	<5	<5	<5		<100	<500
	9/22/2020	<5	<5	<5	<5	<5	<50	<100	<500
	12/18/2020	<1	<1	<1	<3	<1	<25	<100	<500
	3/17/2021	<1	<1	<1	<2	<1	<25	<100	<500
	6/21/2021	<1	<1	<1	<2	<1	<25	<40	<40
	9/13/2021	<1	<1	<1	<2	<1	<25	<40	<40
	12/9/2021	<1	<1	<1	<2	<1	<25	<40	<40
	3/18/2022	<1	<1	<1	<2	<1	<25	<40	<40
	6/21/2022	<1	<1	<1	<2	<1	<25	<40	<40
	9/30/2022	<1	<1	<1	<2	<1	<25	<40	<40
	12/16/2022	<1	<1	<1	<2	<1	<25	<40	<40
	3/14/2023	<1	<1	<1	<2	<1	<25	<40	<40
	6/23/2023	<1	<1	<1	<2	<1	<25	<40	<40
	9/20/2023	<1	<1	<1	<2	<1	<25	<40	<40

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ID	Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	MTBE	TBA	TPH-GRO	TPH-DRO
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**20**		**47**	47
MW-2	9/7/2005	160	13	87	160	2600		NS	NS
	3/2/2006	320	27	270	520	860		NS	NS
	11/7/2006	134	17	172	328	930		NS	NS
	1/31/2007	190	12	140	210	800		NS	NS
	4/17/2007	132	11	87	173	870		5.1	0.7
	7/30/2007	700	63	450	810	3200		8.2	BDL
	2/11/2007	155	14	120	280	900		7.4	3.3
	1/29/2008	54	BDL	60	134	10000		3.6	35.6
	3/27/2008	73	9.9	29	136	160		2.5	1.4
	6/25/2008	160	34	140	290	1100		5.2	0.9
	9/29/2008	160	12	120	220	2300		3.9	4.3
	12/30/2008	92	11	74	163	1000		6	12
	3/30/2009	84	BDL	60	84	1400		2	3.4
	6/30/2009	140	12	90	164	720		1.2	2
	9/30/2009	150	50	200	510	1200		4.7	5.4
	12/29/2009	70	11	130	260	510		2	4.1
	3/25/2010	57	90	5.6	161	800		3.3	2.6
	6/18/2010	130	15	130	234	1000		3.3	12
	8/31/2010	2580	17	170	295	980		1.4	18
	12/15/2010	54	BDL	56	75	BDL		1.5	0.5
	1/3/2011	69	16	100	241	BDL		3.5	3.8
	5/20/2011	82	12	130	215	BDL		3.1	2.9
	8/31/2011	59.1	BDL	88.8	193.9	481		10.6	4.79
	11/29/2011	21.5	BDL	81.1	124.6	168		1.3	2.88
	2/28/2012	56	8.0 J	76.6	168.3	341		3.41	4.07
	8/5/2012	86.6	BDL	101	158	479		3.69	2.84
	2/8/2012	85.7	BDL	105	164.9	558		3.65	4.84
	6/11/2012	BDL	34.1J	45.2	87.3	370		2.640	3.09
	1/3/2013	17	BDL	36	53	320		3.6	BDL
	5/23/2013	49.7	9.4	94.4	148.8	324		1.99	3.94
	8/20/2013	32.5	7.9	79.9	180	261		1.75	4.04
	11/14/2013	45.6	6.4 J	107	143.4	344		4.93	3.78
	2/18/2014	32.9	9.4 J	111	263	224		2.16	5.84
	5/15/2014	27.1	8.7	97.1	223	187		2.54	5.48
	5/8/2014	29.7	4.2 J	43.4	33.1	172		3.33	4.91
	10/11/2014	27.6	4.1 J	88.9	163.8	201		1.53	4.51
	9/2/2015	16.7	6.5 J	79	170.3	104		1.770	4.54
	7/5/2015	15.1	5.1 J	63.0	110.4	97.7		2.640	4.48
	8/19/2015	19.3	BDL	74.0	110.2	119		2.410	4.23
	5/11/2015	22.7	4.1 J	92.7	157.6	97.1		5.430	4.44
	11/2/2016	10.0	3.3 J	74.0	152.0	59.4		4.240	2.57
	12/5/2016	17.4	3.9 J	126	247.7	77.1		4.520	4.50
	8/23/2016	19.1	3.0 J	96.0	144.8	128		4.870	3.62
	11/14/2016	7.9	BDL	26.4	21.8 J	123		1.950	2.89
	7/2/2017	2.4 J	BDL	10.8	16.5	103		1.680	2.90
	11/5/2017	8.6	3.0 J	39.9	63.6	79.2		1.500	2.52
	8/22/2017	8.0	BDL	35.2	44.6	74.6		2.190	3.32
	11/14/2017	8.4	BDL	34.4	38.1	85.2		2.130	4.16
	2/22/2018	3.3 J	<2.0	13.3	29.6	71.4		1.910	2.81
	8/20/2018	ND	ND	37.9	58.5	44.9	375	2,100	ND
	11/5/2018	ND	ND	33.8	50.0	21.2	118	1,550	ND
	3/7/2019	ND	ND	7.99	37.6	20.6	110	1,370	ND
	6/14/2019	<5	<5	48.3	84.3	22.1	104	1960	<500
	9/4/2019	<5	<5	45.2	53.1	69.2	617	1850	<500
	12/9/2019	<5	<5	13.3	10.4	28.8	58.4	1450	<500
	3/24/2020	<5	<5	25.4	46.6	16.1	88.6	1660	<500
	6/1/2020	<5	<5	39.3	73.5	10.1	57.3	1740	<500
	9/22/2020	<5	<5	11.8	31.4	15.1	85.8	1270	<500
	12/18/2020	<1	<1	16.8	38.0	9.38	<25	620	<500
	3/17/2021	1.83	<1	13.7	24.9	14.2	<25	810	<40
	6/21/2021	<1	<1	19.4	41.5	4.14	<25	790	<40
	9/13/2021	<1	<1	4.22	7.96	5.93	<25	230	<40
	12/9/2021	<1	<1	6.62	7.77	10.3	<25	690	<40
	3/18/2022	1.03	<1	12.7	28.52	5.44	<25	1060	<40
	6/21/2022	<1	<1	<1	<2	<1	<25	50.8	<40
	9/30/2022	<1	<1	1.99	<2	<1	<25	224	<40
	12/16/2022	<1	<1	<1	<2	<1	<25	50.2	<40
	3/14/2023	1.3	<1	15.5	34.4	<1	<25	710	<40
	6/23/2023	<1	<1	4.83	3.59	<1	<25	555	<40
	9/20/2023	<1	<1	1.21	2.34	<1	<25	465	<40

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ID	Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	MTBE	TBA	TPH-GRO	TPH-DRO
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**20**		**47**	47
MW-3	9/7/2005	BDL	BDL	BDL	BDL	BDL		NS	NS
	3/2/2006	BDL	BDL	BDL	BDL	BDL		NS	NS
	11/7/2006	BDL	BDL	BDL	BDL	2.0 J		NS	NS
	1/31/2007	BDL	BDL	BDL	BDL	BDL		NS	NS
	4/17/2007	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	7/30/2007	56	320	70	273	70		1.1	BDL
	2/11/2007	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	1/29/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/27/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/25/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/29/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/30/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/30/2009	BDL	BDL	BDL	BDL	2000		BDL	BDL
	6/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/18/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/15/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	1/3/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/20/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
		Abandoned							
MW-4	3/30/2006	BDL	BDL	BDL	BDL	BDL		NS	NS
	11/7/2006	BDL	BDL	BDL	BDL	BDL		NS	NS
	1/31/2007	BDL	BDL	BDL	BDL	17		NS	NS
	4/17/2007	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	7/30/2007	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/11/2007	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	1/29/2008	BDL	BDL	BDL	BDL	19		BDL	BDL
	3/27/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/25/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/29/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/30/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/18/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/15/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	1/3/2011	BDL	13	BDL	15.8	20		BDL	BDL
	5/20/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
		Abandoned							
MW-5	3/30/2006	BDL	BDL	BDL	BDL	BDL		NS	NS
	11/7/2006	BDL	BDL	BDL	BDL	BDL		NS	NS
	1/31/2007	BDL	BDL	BDL	BDL	43		NS	NS
	4/17/2007	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	7/30/2007	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/11/2007	BDL	BDL	BDL	BDL	190		BDL	BDL
	1/29/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/27/2008	BDL	BDL	BDL	BDL	190		BDL	BDL
	6/25/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/29/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/30/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/18/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/15/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	1/3/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/20/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
		Abandoned							

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ID	Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	MTBE	TBA	TPH-GRO	TPH-DRO
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**20**		**47**	47
MW-6	6/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/18/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/15/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	1/3/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/20/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/31/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/29/2011	BDL	BDL	BDL	BDL	BDL		BDL	0.23
	2/28/2012	BDL	BDL	BDL	BDL	BDL		BDL	0.29
	8/5/2012	BDL	BDL	BDL	BDL	BDL		BDL	1.3
	2/8/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/11/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	1/3/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/23/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/20/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/18/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/15/2014	BDL	BDL	BDL	BDL	BDL		BDL	0.22
	5/8/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	10/11/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/2/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	7/5/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/19/2015	BDL	BDL	BDL	BDL	BDL		BDL	0.47
	5/11/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/2/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/5/2016	BDL	BDL	BDL	BDL	BDL		0.147	BDL
	8/23/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2016	BDL	BDL	BDL	BDL	BDL		BDL	0.20
	7/2/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/5/2017	BDL	BDL	BDL	BDL	BDL		BDL	1.27
	8/22/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/22/2018	<2.0	<2.0	<2.0	<4.0	<2.0		<0.100	<0.18
	8/20/2018	ND	ND	ND	ND	ND		ND	ND
	11/5/2018	ND	ND	ND	ND	ND		ND	ND
	3/7/2019	ND	ND	ND	ND	ND		ND	ND
	6/14/2019	<5	<5	<5	<5	<5		<100	<500
	9/4/2019	<5	<5	<5	<5	<5		<100	<500
	12/9/2019	<5	<5	<5	<5	<5		<100	<500
	3/24/2020	<5	<5	<5	<5	<5		<100	<500
	6/1/2020	<5	<5	<5	<5	<5		<100	<500
	9/22/2020	<5	<5	<5	<5	<5	<50	<100	<500
	12/18/2020	<1	<1	<1	<2	<1	<25	<100	<500
	6/21/2021	<1	<1	<1	<2	<1	<25	<40	<40
	12/09/2021	<1	<1	<1	<2	<1	<25	<40	<40
	3/18/2022	<1	<1	<1	<2	<1	<25	<40	<40
	6/21/2022	<1	<1	<1	<2	<1	<25	<40	<40
	12/16/2022	<1	<1	<1	<2	<1	<25	<40	<40
	6/16/2023	<1	<1	<1	<2	<1	<25	<40	<40
	9/20/2023	<1	<1	<1	<2	<1	<25	<40	<40

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ID	Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	MTBE	TBA	TPH-GRO	TPH-DRO
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**20**		**47**	47
MW-7	6/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/29/2009	BDL	BDL	BDL	BDL	80		BDL	BDL
	3/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/18/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/15/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	1/3/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/20/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/31/2011	9.2	BDL	2.0 J	6.0 J	BDL		BDL	0.43
	11/29/2011	BDL	BDL	BDL	BDL	BDL		BDL	0.3
	2/28/2012	BDL	BDL	BDL	BDL	4.8 J		BDL	0.55
	8/5/2012	BDL	BDL	BDL	BDL	4.6 J		BDL	0.28
	2/8/2012	BDL	BDL	BDL	BDL	3.9 J		BDL	0.61
	6/11/2012	BDL	BDL	BDL	BDL	5.8		BDL	0.49
	1/3/2013	BDL	BDL	BDL	BDL	14		BDL	BDL
	5/23/2013	BDL	BDL	BDL	BDL	10.2		BDL	0.47
	8/20/2013	BDL	BDL	BDL	BDL	16.2		BDL	0.46
	11/14/2013	BDL	BDL	BDL	BDL	14.1		BDL	0.40
	2/18/2014	BDL	BDL	BDL	BDL	11.3		BDL	0.68
	5/15/2014	BDL	BDL	BDL	BDL	14.0		BDL	0.69
	5/8/2014	BDL	BDL	BDL	BDL	16.9		BDL	0.36
	10/11/2014	BDL	BDL	BDL	BDL	28.5		BDL	0.55
	9/2/2015	BDL	BDL	BDL	BDL	7.6		BDL	0.48
	7/5/2015	BDL	BDL	BDL	BDL	21.8		BDL	0.51
	8/19/2015	BDL	BDL	BDL	BDL	31.8		BDL	0.68
	5/11/2015	BDL	BDL	BDL	BDL	28.8		BDL	0.48
	11/2/2016	BDL	BDL	BDL	BDL	45.6		0.192	BDL
	12/5/2016	BDL	BDL	BDL	BDL	41.0		0.150	0.27
	8/23/2016	BDL	BDL	BDL	BDL	29.2		0.165	0.43
	11/14/2016	BDL	BDL	BDL	BDL	33.7		BDL	0.55
	7/2/2017	BDL	BDL	BDL	BDL	36.4		1.02	0.51
	11/5/2017	BDL	BDL	BDL	BDL	56.3		0.145	0.42
	8/22/2017	BDL	BDL	BDL	BDL	46.0		0.107	BDL
	11/14/2017	BDL	BDL	BDL	BDL	46.4		0.102	0.46
	2/22/2018	<2.0	<2.0	<2.0	<4.0	51.1		107	0.44
	8/20/2018	ND	ND	ND	ND	ND	ND	ND	ND
	11/5/2018	ND	ND	ND	ND	ND	ND	ND	ND
	3/7/2019	ND	ND	ND	ND	84.5	ND	130	ND
	6/14/2019	<5	5.16	<5	<5	82.5	134	290	<500
	9/4/2019	9.03	<5	<5	<5	112	340	670	<500
	12/9/2019	15.8	<5	<5	<5	91.1	61.8	230	<500
	3/24/2020	<5	<5	<5	<5	130	50.3	210	<500
	6/1/2020	<5	<5	<5	<5	150	224	540	<500
	9/22/2020	<5	<5	<5	<5	236	370	760	<500
	12/18/2020	<1	<1	<1	<3	186	34.3	270	<500
	3/17/2021	<1	<1	<1	<2	199	26.5	280	<40
	6/21/2021	<1	<1	<1	<2	<1	<25	<40	<40
	9/13/2021	<1	<1	<1	<2	<1	<25	<40	<40
	12/09/2021	<1	<1	<1	<2	<1	<25	<40	<40
	6/21/2022	<1	<1	<1	<2	<1	<25	<40	<40
	9/30/2022	<1	<1	<1	<2	<1	<25	<40	<40
	12/16/2022	<1	<1	<1	<2	<1	<25	<40	<40
	3/14/2023	<1	<1	<1	<2	<1	<25	<40	<40
	6/16/2023	<1	<1	<1	<2	<1	<25	<40	<40
	9/20/2023	<1	<1	<1	<2	<1	<25	<40	<40

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ID	Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	MTBE	TBA	TPH-GRO	TPH-DRO
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**20**		**47**	47
MW-8	6/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/25/2010	BDL	BDL	BDL	17.7	BDL		BDL	BDL
	6/18/2010	BDL	BDL	BDL	17.7	BDL		BDL	BDL
	8/31/2010	BDL	5	BDL	BDL	BDL		BDL	BDL
	12/15/2010	BDL	5	BDL	BDL	BDL		BDL	BDL
	1/3/2011	BDL	5	BDL	BDL	36		BDL	BDL
	5/20/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/31/2011	BDL	BDL	BDL	BDL	BDL		BDL	0.22
	11/29/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/28/2012	BDL	BDL	BDL	BDL	BDL		BDL	0.23
	8/5/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/8/2012	BDL	BDL	BDL	BDL	BDL		BDL	0.22
	6/11/2012	BDL	BDL	BDL	BDL	BDL		BDL	0.20
	1/3/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/23/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/20/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/18/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/15/2014	BDL	BDL	BDL	BDL	BDL		BDL	0.20
	5/8/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	10/11/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	9/2/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	7/5/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/19/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/11/2015	BDL	BDL	BDL	BDL	BDL		BDL	0.38
	11/2/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/5/2016	BDL	BDL	BDL	BDL	BDL		BDL	0.22
	8/23/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	7/2/2017	BDL	BDL	BDL	BDL	BDL		BDL	0.23
	11/5/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/22/2017	BDL	BDL	BDL	BDL	BDL		BDL	0.46
	11/14/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/22/2018	<2.0	<2.0	<2.0	<4.0	<2.0		<0.100	<0.19
	8/20/2018	No Access to well							
	11/5/2018	ND	ND	ND	ND	ND		ND	ND
	3/7/2019	ND	ND	ND	ND	ND		ND	ND
	6/14/2019	<5	22.8	<5	<5	<5		<100	<500
	9/4/2019	<5	<5	<5	<5	<5		<100	<500
	12/9/2019	<5	<5	<5	<5	<5		<100	<500
	3/24/2020	<5	<5	<5	<5	<5		<100	<500
	6/1/2020	<5	<5	<5	<5	<5		<100	<500
	9/22/2020	<5	<5	<5	<5	<5	<50	<100	<500
	12/18/2020	<1	<1	17.2	38.6	8.88	<25	670	<500
	6/21/2021	<1	<1	<1	<1	<1	<25	<40	<40
	12/09/2021	<1	<1	<1	<1	<1	<25	<40	<40
	6/21/2022	<1	<1	<1	<1	<1	<25	<40	<40
	12/16/2022	<1	<1	<1	<1	<1	<25	<40	<40
	6/16/2023	<1	<1	<1	<1	<1	<25	<40	<40
	9/20/2023	<1	<1	<1	<1	<1	<25	<40	<40

High's #34
2906 Churchville Road
Churchville, MD 21028
Historical Groundwater Analytical Data

ID	Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	MTBE	TBA	TPH-GRO	TPH-DRO
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**20**		**47**	47
TF-1	3/30/2006	NS	NS	NS	NS	NS		NS	NS
	11/7/2006	NS	NS	NS	NS	NS		NS	NS
	1/31/2007	NS	NS	NS	NS	NS		NS	NS
	4/27/2007	8.9	BDL	BDL	BDL	1400		BDL	BDL
	7/30/2007	BDL	BDL	BDL	BDL	1200		BDL	BDL
	2/11/2007	BDL	BDL	BDL	BDL	270		BDL	BDL
	1/29/2008	BDL	BDL	BDL	BDL	740		BDL	BDL
	3/27/2008	BDL	BDL	BDL	BDL	77		BDL	BDL
	6/25/2008	4	BDL	BDL	BDL	450		BDL	BDL
	9/29/2008	BDL	BDL	BDL	BDL	110		BDL	BDL
	12/30/2008	BDL	BDL	BDL	BDL	61		BDL	BDL
	3/30/2009	BDL	BDL	BDL	BDL	62		BDL	BDL
	6/30/2009	BDL	BDL	BDL	BDL	46		BDL	BDL
	9/30/2009	BDL	BDL	BDL	BDL	9		BDL	BDL
	12/29/2009	BDL	BDL	BDL	BDL	10		BDL	BDL
	3/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/18/2010	BDL	BDL	BDL	BDL	6.5		BDL	BDL
	8/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/15/2010	BDL	BDL	BDL	BDL	9.6		BDL	BDL
	1/3/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/20/2011	BDL	BDL	BDL	BDL	16		BDL	BDL
	8/31/2011	BDL	BDL	BDL	BDL	2.3j		BDL	BDL
	11/29/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/28/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/5/2012	12.5	13.5	BDL	2.7 J	4.6 J		BDL	BDL
	2/8/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	6/11/2012	7.4	16.4	BDL	8.3J	10.9		BDL	BDL
	1/3/2013	BDL	54	BDL	8.6	BDL		BDL	BDL
	5/23/2013	18.9	151	BDL	39.5	9.0		0.46	0.29
	8/20/2013	4.9	17.1	BDL	3.5	4.5		BDL	0.35
	11/14/2013	3.5 J	6.1	BDL	2.5 J	4.3 J		BDL	BDL
	2/18/2014	BDL	BDL	BDL	BDL	BDL		BDL	0.25
	5/15/2014	BDL	BDL	BDL	BDL	3.0		BDL	0.27
	5/8/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	10/11/2014	4.7 J	BDL	BDL	BDL	BDL		BDL	BDL
	9/2/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	7/5/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/19/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/11/2015	BDL	BDL	BDL	BDL	2.6 J		BDL	BDL
	11/2/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/5/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/23/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	7/2/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/5/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/22/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/22/2018	<2.0	<2.0	<2.0	<4.0	<2.0		<0.100	<0.19
	8/20/2018	ND	ND	ND	ND	ND	ND	ND	ND
	11/5/2018	ND	ND	ND	ND	ND	ND	ND	ND
	3/7/2019	ND	ND	ND	ND	ND	ND	ND	ND
	6/14/2019	<5	<5	<5	<5	<5	ND	<100	<500
	9/4/2019	<5	<5	<5	<5	<5	ND	<100	<500
	12/9/2019	<5	<5	<5	<5	<5	ND	<100	<500
	3/24/2020	<5	<5	<5	<5	<5	ND	<100	<500
	6/1/2020	<5	<5	<5	<5	<5	ND	<100	<500
	12/18/2020	<1	<1	<1	<2	<1	<25	<100	<500
	6/21/2021	<1	<1	<1	<2	<1	<25	<40	<40
	12/9/2021	<1	<1	<1	<2	<1	<25	<40	<40
	6/21/2022	<1	<1	<1	<2	<1	<25	<40	<40
	12/16/2022	<1	<1	<1	<2	<1	<25	<40	<40
	6/16/2023	<1	<1	<1	<2	<1	<25	<40	<40

High's #34
2906 Churchville Road
Churchville, MD 21028
Historical Groundwater Analytical Data

ID	Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	MTBE	TBA	TPH-GRO	TPH-DRO
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**20**		**47**	47
TF-2	3/30/2006	NS	NS	NS	NS	NS		NS	NS
	11/7/2006	NS	NS	NS	NS	NS		NS	NS
	1/31/2007	NS	NS	NS	NS	NS		NS	NS
	4/27/2007	13	8.5	BDL	BDL	720		BDL	BDL
	7/30/2007	BDL	BDL	BDL	BDL	46		BDL	BDL
	2/11/2007	BDL	BDL	BDL	BDL	74		BDL	BDL
	1/29/2008	BDL	BDL	BDL	BDL	660		BDL	BDL
	3/27/2008	BDL	BDL	BDL	BDL	200		BDL	BDL
	6/25/2008	6.5	5.3	BDL	8.6	400		BDL	BDL
	9/29/2008	6.5	6.2	BDL	8.6	230		BDL	BDL
	12/30/2008	BDL	BDL	BDL	BDL	160		BDL	BDL
	3/30/2009	BDL	BDL	BDL	BDL	85		BDL	BDL
	6/30/2009	BDL	BDL	BDL	BDL	32		BDL	BDL
	9/30/2009	BDL	BDL	BDL	BDL	41		BDL	BDL
	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	3/25/2010	BDL	BDL	BDL	BDL	9.8		BDL	BDL
	6/18/2010	BDL	BDL	BDL	BDL	10		BDL	BDL
	8/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/15/2010	BDL	BDL	BDL	BDL	70		BDL	BDL
	1/3/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	5/20/2011	BDL	BDL	BDL	BDL	50		BDL	BDL
	8/31/2011	BDL	BDL	BDL	BDL	3.9j		BDL	0.22
	11/29/2011	4.1 J	48	3.2 J	41.8	8.2		0.183	0.27
	2/28/2012	32.3	666	139	944	13.0 J		2.66	0.61
	8/5/2012	96.4	799	118	826	12.8 J		1.79	0.34
	2/8/2012	BDL	BDL	BDL	BDL	3.0 J		BDL	0.31
	6/11/2012	26.9	104	3.4J	24.3	10.5		0.198	0.27
	1/3/2013	78	270	7.7	56	16		BDL	BDL
	5/23/2013	148	583	BDL	101.4	16		1.28	0.37
	8/20/2013	51	221	4.1	41.2	18		0.264	0.39
	11/14/2013	BDL	10.4 J	BDL	BDL	10.4 J		0.125	0.32
	2/18/2014	8.1	17.5	BDL	4.9 J	20.1		0.102	0.61
	5/15/2014	2.7	3.5	BDL	BDL	3.4		BDL	0.40
	5/8/2014	BDL	BDL	BDL	BDL	BDL		BDL	0.27
	10/11/2014	BDL	BDL	BDL	BDL	5.1		BDL	0.22
	9/2/2015	BDL	BDL	BDL	BDL	29.1		BDL	0.22
	7/5/2015	BDL	BDL	BDL	BDL	4.9 J		BDL	0.20
	8/19/2015	BDL	BDL	BDL	BDL	5.7		BDL	0.33
	5/11/2015	BDL	BDL	BDL	BDL	3.7 J		BDL	BDL
	11/2/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	12/5/2016	BDL	BDL	BDL	BDL	BDL		BDL	0.24
	8/23/2016	BDL	BDL	BDL	BDL	BDL		BDL	0.20
	11/14/2016	BDL	BDL	BDL	BDL	7.2		BDL	0.30
	7/2/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/5/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	8/22/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	11/14/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
	2/22/2018	<2.0	<2.0	<2.0	<4.0	<2.0		<0.100	<0.18
	8/20/2018	ND	ND	ND	ND	ND		ND	ND
	11/5/2018	ND	ND	ND	ND	ND	ND	ND	ND
	3/07/2019	ND	ND	ND	ND	ND	ND	ND	ND
	6/14/2019	<5	7.41	<5	<5	<5	ND	<100	<500
	9/04/2019	<5	<5	<5	<5	<5	ND	<100	<500
	12/09/2019	<5	<5	<5	<5	<5	ND	<100	<500
	3/24/2020	<5	<5	<5	<5	<5	ND	<100	<500
	6/01/2020	<5	<5	<5	<5	<5	<50	<100	<500
	12/18/2020	<1	<1	<1	<2	<1	<25	<100	<500
	6/21/2021	<1	<1	<1	<2	<1	<25	<40	<40
	12/09/2021	<1	<1	<1	<2	<1	<25	<40	<40
	6/21/2022	<1	<1	<1	<2	<1	<25	<40	<40
	12/16/2022	<1	<1	<1	<2	<1	<25	<40	<40
	6/16/2023	<1	<1	<1	<2	<1	<25	<40	<40

ND = Not Detected

NG = No Guideline
NS = Not sampled
Values exceeding the specified MDE criteria are **bolded.**
TPH analysis conducted in accordance with SW8015B.
MDE GNCS = Maryland Department of the Environment Generic Numeric Cleanup Standards, February 2003
*Data on these dates provided by previous consultant
Groundwater Sampling Data reported in ug/L

High's Store 34
2906 Churchville Rd
Churchville, MD 20128
On Site POET Analytical Summary

ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
2906 Churchville Road	3/30/2006	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
Influent	7/11/2006	BDL	BDL	BDL	BDL	194.00	52	BDL					
	1/31/2007	BDL	BDL	BDL	BDL	BDL	33	BDL					
	4/17/2007	BDL	BDL	BDL	BDL	BDL	18	BDL					
	7/30/2007	BDL	BDL	BDL	BDL	BDL	32	BDL					
	11/2/2007	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/29/2008	BDL	BDL	BDL	BDL	BDL	250	BDL					
	6/25/2008	BDL	BDL	BDL	BDL	BDL	140	BDL					
	9/29/2008	BDL	2.3	BDL	BDL	BDL	160	2.5					
	12/30/2008	BDL	BDL	BDL	BDL	BDL	95	BDL					
	3/30/2009	BDL	BDL	BDL	BDL	BDL	400	BDL					
	6/30/2009	BDL	BDL	BDL	BDL	BDL	170	BDL					
	9/30/2009	BDL	BDL	BDL	BDL	BDL	110	BDL					
	12/29/2009	BDL	BDL	BDL	BDL	21	170	BDL					
	3/25/2010	BDL	BDL	BDL	BDL	BDL	470	BDL					
	*6/18/2010	BDL	BDL	BDL	BDL	BDL	270	BDL					
	*8/31/2010	BDL	BDL	BDL	BDL	BDL	260	1.2					
	*12/15/2010	BDL	BDL	BDL	BDL	BDL	200	BDL					
	*1/25/2011	BDL	BDL	BDL	BDL	BDL	216	BDL					
	2/28/2011	BDL	BDL	BDL	BDL	BDL	240	BDL					
	3/31/2011	BDL	BDL	BDL	BDL	BDL	230	BDL					
	*4/26/2011	BDL	BDL	BDL	BDL	BDL	340	BDL					
	5/20/2011	BDL	BDL	BDL	BDL	BDL	310	BDL					
	6/29/2011	BDL	BDL	BDL	BDL	BDL	360	BDL					
	7/25/2011	BDL	BDL	BDL	BDL	BDL	1300	BDL					
	8/31/2011	BDL	BDL	BDL	BDL	BDL	270	BDL					
	*9/30/2011	BDL	BDL	BDL	BDL	BDL	340	BDL					
	10/31/2011	1.2	BDL	BDL	BDL	BDL	530	2.3					
	11/29/2011	BDL	BDL	BDL	BDL	200	263	BDL					
	12/20/2011	BDL	BDL	BDL	BDL	BDL	280	BDL					
	*1/18/2012	BDL	BDL	BDL	BDL	BDL	550	2.0					
	2/28/2012	BDL	BDL	BDL	BDL	424	314	BDL					
	3/14/2012	BDL	BDL	BDL	BDL	BDL	710	BDL					
	4/19/2012	BDL	BDL	BDL	BDL	BDL	660	2.0					
	5/8/2012	BDL	BDL	BDL	BDL	313	366	BDL					
	*6/14/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/6/2012	BDL	BDL	BDL	BDL	449	640	BDL					
	8/2/2012	BDL	BDL	BDL	BDL	290	321	BDL					
	9/24/2012	BDL	BDL	BDL	BDL	335	530	BDL					
	10/25/2012	BDL	BDL	BDL	BDL	317	685	BDL					
	11/6/2012	BDL	BDL	BDL	BDL	BDL	415	BDL					
	12/26/2012	BDL	BDL	BDL	BDL	630	443	BDL					
	1/31/2013	BDL	BDL	BDL	BDL	BDL	746	BDL					
	3/1/2013	BDL	BDL	BDL	BDL	BDL	400	BDL					
	3/29/2013	BDL	BDL	BDL	BDL	442	487	BDL					
	4/23/2013	BDL	BDL	BDL	BDL	297	552	BDl					
	5/23/2013	BDL	BDL	BDL	BDL	BDL	574	BDL					
	6/25/2013	BDL	BDL	BDL	BDL	804	399	BDL					
	7/17/2013	BDL	BDL	BDL	BDL	BDL	418	BDL					
	8/20/2013	BDL	BDL	BDL	BDL	BDL	414	BDL					
	9/23/2013	BDL	BDL	BDL	BDL	257	538	BDL					
	10/9/2013	BDL	BDL	BDL	BDL	656	639	BDL					
	11/14/2013	BDL	BDL	BDL	BDL	786	715	BDL					
	12/19/2013	BDL	BDL	BDL	BDL	BDL	695	BDL					
	1/9/2014	BDL	BDL	BDL	BDL	330	613	BDL					
	2/18/2014	BDL	BDL	BDL	BDL	805	598	BDL					
	3/18/2014	BDL	BDL	BDL	BDL	279	623	BDL					
	4/30/2014	BDL	BDL	BDL	BDL	1,040	568	BDL					
	5/15/2014	BDL	BDL	BDL	BDL	508	559	BDL					
	6/25/2014	BDL	BDL	BDL	BDL	365	644	BDL					
	7/30/2014	BDL	BDL	BDL	BDL	BDL	455	BDL					
	8/26/2014	BDL	BDL	BDL	BDL	253	637	BDL					
	9/24/2014	BDL	BDL	BDL	BDL	407	695	BDL					
	10/9/2014	BDL	BDL	BDL	BDL	305	706	BDL					
	11/10/2014	BDL	BDL	BDL	BDL	267	568	BDL					
	12/8/2014	BDL	BDL	BDL	BDL	248	832	BDL					
	1/14/2015	BDL	BDL	BDL	BDL	262	512	BDL					
	*1/29/2015	BDL	BDL	BDL	BDL	BDL	489	BDL					
	2/9/2015	BDL	BDL	BDL	BDL	BDL	543	BDL					
	3/9/2015	2.43	BDL	BDL	BDL	247	791	BDL					
	4/20/2015	BDL	BDL	BDL	BDL	309	623	BDL					
	5/7/2015	BDL	BDL	BDL	BDL	BDL	564	BDL					
	*6/30/2015	BDL	BDL	BDL	BDL	BDL	632	BDL					
	7/22/2015	BDL	BDL	BDL	BDL	BDL	552	BDL					
	*8/19/2015	BDL	BDL	BDL	BDL	BDL	701	BDL					
	9/14/2015	BDL	BDL	BDL	BDL	BDL	757	BDL					
	10/8/2015	BDL	BDL	BDL	BDL	BDL	585	BDL					
	11/5/2015	BDL	BDL	BDL	BDL	BDL	827	BDL					
	12/7/2015	BDL	BDL	BDL	BDL	BDL	635	BDL					
	1/4/2016	BDL	BDL	BDL	BDL	BDL	690	BDL					
	2/11/2016	BDL	BDL	BDL	BDL	296	690	BDL					
	3/16/2016	BDL	BDL	BDL	BDL	482	939	BDL					
	4/4/2016	BDL	BDL	BDL	BDL	275	726	BDL					
	5/12/2016	BDL	BDL	BDL	BDL	462	701	BDL					
	6/2/2016	BDL	BDL	BDL	BDL	BDL	592	BDL					
	7/7/2016	BDL	BDL	BDL	BDL	BDL	776	BDL					
	8/23/2016	BDL	BDL	BDL	BDL	BDL	674	BDL					
	9/15/2016	BDL	BDL	BDL	BDL	401	888	BDL					
	10/4/2016	BDL	BDL	BDL	BDL	BDL	656	BDL					
	11/14/2016	BDL	BDL	BDL	BDL	481	772	BDL					
2906 Churchville Road	12/16/2016	BDL	BDL	BDL	BDL	425	946	BDL					
Influent	1/9/2017	BDL	BDL	BDL	BDL	298	950	BDL					
	2/7/2017	BDL	BDL	BDL	BDL	317	940	BDL					
	3/8/2017	BDL	BDL	BDL	BDL	426	1090	BDL					

High's Store 34
2906 Churchville Rd
Churchville, MD 20128
On Site POET Analytical Summary

ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
	4/4/2017	BDL	BDL	BDL	BDL	BDL	712	BDL					
	5/11/2017	BDL	BDL	BDL	BDL	434	810	BDL					
	6/20/2017	BDL	BDL	BDL	BDL	BDL	624	BDL					
	7/12/2017	BDL	BDL	BDL	BDL	283	704	BDL					
	8/22/2017	BDL	BDL	BDL	BDL	337	826	BDL					
	9/8/2017	BDL	BDL	BDL	BDL	371	823	BDL					
	10/10/2017	BDL	BDL	BDL	BDL	BDL	566	BDL					
	11/14/2017	BDL	BDL	BDL	BDL	289	723	BDL					
	12/5/2017	BDL	BDL	BDL	BDL	419	775	BDL					
	1/3/2018	<12.5	<12.5	<12.5	<25.0	455	881	<12.5					
	2/22/2018	<12.5	<12.5	<12.5	<25.0	371	835	<12.5					
	3/13/2018	<12.5	<12.5	<12.5	<25.0	404	950	<12.5					
	8/20/2018	ND	ND	ND	ND	ND	91.9	ND					
	9/14/2018	ND	ND	ND	ND	ND	**65.0**	ND					
	10/5/2018	0.7	ND	ND	ND	499	**669**	ND	ND	197	23.9	6.73	
	11/05/2018	ND	ND	ND	ND	ND	**843**	ND	12.1	160	26.1	4.34	
	1/03/2019	ND	ND	ND	ND	572	**715**	ND	10.1	170	21.4	2.27	
	1/29/2019	<0.50	<0.50	<0.50	<0.50	325	**390**	<0.50	5.19	98.1	8.48	ND	
	2/12/2019	<0.50	<0.50	<0.50	<0.50	364	**419**	<0.50	17.1	106	19.2	ND	
	3/07/2019	<0.50	<0.50	<0.50	<0.50	298	**556**	<0.50	9.04	91.9	20.5	3.49	
	4/26/2019	<0.50	<0.50	<0.50	<0.50	141	**494**	<0.50	9.85	30.5	17.9	1.18	
	6/14/2019	<0.50	<0.50	<0.50	<0.50	318	**639**	<0.50	10.2	55.3	21.6	1.28	
	7/10/2019	<0.50	<0.50	<0.50	<0.50	589	**642**	<0.50	9.97	109	15.7	2.93	
	8/18/2019	<0.50	<0.50	<.5	<0.50	544	**659**	<0.50	10.7	136	18.6	3.16	
	9/04/2019	16.6	<0.50	<0.50	<0.50	1230	**1,000**	<0.50	17.9	250	<.5	<0.50	
	10/22/2019	<0.50	<0.50	<.5	<0.50	195	**612**	<0.50	11.9	26.1	53.1	<0.50	
	11/04/2019	<0.50	<0.50	<.5	<0.50	198	**639**	<0.50	11.1	23.4	49.4	<0.50	
	12/30/2019	<.5	<.5	<.5	<0.50	126	**599**	<.5	9.65	13.8	40.4	<0.50	
	1/15/2020	<0.50	<0.50	<0.50	<0.50	133	**600**	<0.50	9.18	12.8	34.2	<0.50	
	2/3/2020	<0.50	<0.50	<0.50	<0.50	179	**685**	<0.50	10.5	16.5	34.5	<0.50	
	3/24/2020	<0.50	<0.50	<0.50	<0.50	214	**535**	<0.50	7.94	16.5	18.8	<0.50	
	4/21/2020	<0.50	<0.50	<0.50	<0.50	104	**299**	<0.50	4.61	3.39	18.4	<0.50	
	5/14/2020	<0.50	<0.50	<0.50	<0.50	81.7	**220**	<0.50	3.36	<.5	11.2	<0.50	
	6/1/2020	<0.50	<0.50	<0.50	<0.50	61.3	**212**	<0.50	<0.50	<0.50	<0.50	<0.50	
	7/10/2020	<0.50	<0.50	<0.50	<0.50	306	**356**	<0.50	5.76	40.5	12.2	<0.50	
	8/14/2020	<0.50	<0.50	<0.50	<0.50	664	**651**	<0.50	11.4	68.9	18.9	<0.50	
	9/22/2020	28.1	<0.50	<0.50	<0.50	970	**811**	<0.50	13.8	95.4	<0.50	<0.50	
	10/26/2020	<0.50	<0.50	<0.50	<0.50	897	**923**	<0.50	15.6	89.4	32.3	<0.50	
	11/24/2020	<0.50	<0.50	<0.50	<0.50	231	**519**	<0.50	9.09	NA	27.9	<0.50	
	12/18/2020	<0.50	<0.50	<0.50	<0.50	53.9	**595**	<0.50	9.34	<10	22.2	<0.50	
	1/13/2021	<0.50	<0.50	<0.50	<0.50	47.5	**561**	<0.50	8.83	<10	26.8	<0.50	
	2/26/2021	<0.50	<0.50	<0.50	<0.50	28.8	**562**	<0.50	6.98	<10	26.4	<0.50	
	3/17/2021	<0.50	<0.50	<0.50	<0.50	37.7	**646**	<0.50	8.25	<10	27.9	<0.50	
	4/07/2021	<0.50	<0.50	<0.50	<0.50	26.9	**515**	<0.50	6.27	<10	21.5	<0.50	
	5/05/2021	<0.50	<0.50	<0.50	<0.50	32.1	**496**	<0.50	7.41	<10	18.9	<0.50	
	6/21/2021	<0.50	<0.50	<0.50	<0.50	28.4	**501**	<0.50	7.29	<10	18.3	<0.50	
	7/15/2021	<0.50	<0.50	<0.50	<0.50	31.8	**527**	<0.50	7.85	<10	20.2	<0.50	
	9/13/2021	<0.50	<0.50	<0.50	<0.50	46.6	**635**	<0.50	11.4	<10	24.2	<0.50	
	12/09/2021	<0.50	<0.50	<0.50	<0.50	50.1	**765**	<0.50	12.7	<10	31.2	<0.50	**5.4**
	1/05/2022	<0.50	<0.50	<0.50	<0.50	55.9	**1,810**	<0.50	13.2	<10	34.4	<0.50	**7.39**
	2/04/2022	<0.50	<0.50	<0.50	<0.50	35.4	**805**	<0.50	9.58	<10	46.7	<0.50	**4.24**
	3/18/2022	<0.50	<0.50	<0.50	<0.50	51.2	**648**	<0.50	11.6	<10	31.4	<0.50	**5.88**
	4/30/2022	<0.50	<0.50	<0.50	<0.50	<10	**584**	<0.50	11.9	<10	40.9	<0.50	**7.00**
	5/26/2022	<0.50	<0.50	<0.50	<0.50	265	**611**	<0.50	11.0	<10	38.9	<0.50	**5.8**
	6/21/2022	<0.50	<0.50	<0.50	<0.50	37.3	**622**	<0.50	11.6	<10	29.9	<0.50	**5.63**
	7/13/2022	<0.50	<0.50	<0.50	<0.50	42.9	**567**	<0.50	10.5	<10	27.2	<0.50	**5.97**
	8/17/2022	<0.50	<0.50	<0.50	<0.50	68.0	**679**	<0.50	15.9	<10	42.1	<0.50	**8.58**
	9/30/2022	<0.50	<0.50	<0.50	<0.50	37.3	**591**	<0.50	14.2	<10	<0.50	<0.50	**5.59**
	10/18/2022	<0.50	<0.50	<0.50	<0.50	26.8	**705**	<0.50	13.2	<10	34.6	1.02	**5.87**
	11/18/2022	<0.50	<0.50	<0.50	<0.50	27.70	**749**	<0.50	10.5	<10	35.7	<0.50	**4.88**
	12/16/2022	<0.50	11.2	<0.50	<0.50	<10	**504**	<0.50	7.25	<10	22.3	<0.50	**3.67**
	1/10/2023	<0.50	4.16	<0.50	<0.50	9.22	**488**	<0.50	6.46	<10	18.7	<0.50	**3.20**
	2/9/2023	<0.50	<0.50	<0.50	<0.50	1.84	**421**	<0.50	6.31	<10	24.9	<0.50	**2.85**
	3/14/2023	<0.50	<0.50	<0.50	<0.50	20.60	**583**	<0.50	10.1	<10	30.3	<0.50	**4.48**
	4/18/2023	<0.50	<0.50	<0.50	<0.50	20.30	**642**	<0.50	10.0	<10	30.2	<0.50	<.5
	5/4/2023	<0.50	<0.50	<0.50	<0.50	42.10	**722**	<0.50	12.1	<10	34.6	<0.50	**6.8**
	6/16/2023	<0.50	<0.50	<0.50	<0.50	33.30	**690**	<0.50	10.3	<10	44.4	<0.50	**6.3**
	7/11/2023	<0.50	<0.50	<0.50	<0.50	40.80	**779**	<0.50	10.4	<10	43.8	<0.50	**6.19**
	8/11/2023	<0.50	<0.50	<0.50	<0.50	30.70	**685**	<0.50	12.4	<10	38.4	<0.50	**7.23**
	9/20/2023	<0.50	<0.50	<0.50	<0.50	54.0	**410**	<0.50	7.8	<10	20.0	<0.50	4.73

High's Store 34
2906 Churchville Rd
Churchville, MD 20128
On Site POET Analytical Summary

ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
Intermediate A	3/30/2006	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/11/2006	BDL	BDL	BDL	BDL	189	BDL	BDL					
	1/31/2007	BDL	BDL	BDL	BDL	BDL	11	BDL					
	4/17/2007	BDL	BDL	BDL	BDL	BDL	7.5	BDL					
	7/30/2007	BDL	BDL	BDL	BDL	BDL	170	BDL					
	11/2/2007	BDL	BDL	BDL	BDL	BDL	31	BDL					
	1/29/2008	BDL	BDL	BDL	BDL	BDL	71	1.5					
	3/27/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/25/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/29/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	12/30/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/30/2009	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/30/2009	BDL	BDL	BDL	BDL	BDL	2.3	BDL					
	9/30/2009	BDL	BDL	BDL	BDL	BDL	23	BDL					
	12/29/2009	BDL	BDL	BDL	BDL	BDL	120	BDL					
	3/25/2010	BDL	BDL	BDL	BDL	BDL	410	BDL					
	*6/18/2010	BDL	BDL	BDL	BDL	BDL	311	BDL					
	*8/31/2010	BDL	2.2	BDL	1.1	BDL	240	BDL					
	*12/15/2010	BDL	BDL	BDL	BDL	BDL	73	BDL					
	*1/25/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/28/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/31/2011	BDL	BDL	BDL	BDL	BDL	5.7	BDL					
	*4/26/2011	BDL	3.2	BDL	1	BDL	5.4	1.5					
	5/20/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/29/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/25/2011	BDL	BDL	2.7	10.5	BDL	16	BDL					
	8/31/2011	BDL	BDL	BDL	BDL	BDL	1.31	BDL					
	*9/30/2011	BDL	BDL	BDL	BDL	BDL	5.5	BDL					
	10/31/2011	BDL	BDL	BDL	BDL	BDL	31	BDL					
	11/29/2011	BDL	BDL	BDL	BDL	258	7.66	BDL					
	12/20/2011	BDL	BDL	BDL	BDL	BDL	48	BDL					
	*1/18/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/28/2012	BDL	BDL	BDL	BDL	243	1.02	BDL					
	3/14/2012	BDL	BDL	BDL	BDL	BDL	9.4	BDL					
	4/19/2012	BDL	BDL	BDL	BDL	BDL	34	BDL					
	5/8/2012	BDL	BDL	BDL	BDL	292	7.87	BDL					
	*6/14/2012	BDL	BDL	BDL	BDL	BDL	23	BDL					
	7/6/2012	BDL	BDL	BDL	BDL	430	4.4	BDL					
	8/2/2012	BDL	BDL	BDL	BDL	345	7.05	BDL					
	9/24/2012	BDL	BDL	BDL	BDL	389	45.6	BDL					
	10/25/2012	BDL	BDL	BDL	BDL	BDL	20.2	BDL					
	11/6/2012	BDL	BDL	BDL	BDL	33.9	9.64	BDL					
	12/26/2012	BDL	BDL	BDL	BDL	275	5.37	BDL					
	1/31/2013	BDL	BDL	BDL	BDL	509	9.41	BDL					
	3/1/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/29/2013	BDL	BDL	BDL	BDL	300	12.9	BDL					
	4/23/2013	BDL	BDL	BDL	BDL	BDL	2.85	BDL					
	5/23/2013	BDL	BDL	BDL	BDL	31.8	2.83	BDL					
	6/25/2013	BDL	BDL	BDL	BDL	167	1.85	BDL					
	7/17/2013	BDL	BDL	BDL	BDL	276	2.61	BDL					
	8/20/2013	BDL	BDL	BDL	BDL	258	3.00	BDL					
	9/23/2013	BDL	BDL	BDL	BDL	288	2.88	BDL					
	10/9/2013	BDL	BDL	BDL	BDL	214 E	3.37	BDL					
	11/14/2013	BDL	BDL	BDL	BDL	328 E	15.0	BDL					
	12/19/2013	BDL	BDL	BDL	BDL	BDL	2.44	BDL					
	1/9/2014	BDL	BDL	BDL	BDL	36.3	6.08	BDL					
	2/18/2014	BDL	BDL	BDL	BDL	309 E	5.30	BDL					
	3/18/2014	BDL	BDL	BDL	BDL	370 E	1.88	BDL					
	4/30/2014	BDL	BDL	BDL	BDL	257 E	0.87	BDL					
	5/15/2014	BDL	BDL	BDL	BDL	293 E	9.82	BDL					
	6/25/2014	BDL	BDL	BDL	BDL	354E	10.60	BDL					
	7/30/2014	BDL	BDL	BDL	BDL	BDL	2.16	BDL					
	8/26/2014	BDL	BDL	BDL	BDL	107.0	2.90	BDL					
	9/24/2014	BDL	BDL	BDL	BDL	254.0	5.18	BDL					
	10/9/2014	BDL	BDL	BDL	BDL	314 E	5.81	BDL					
	11/10/2014	BDL	BDL	BDL	BDL	109.0	2.95	BDL					
	12/8/2014	BDL	BDL	BDL	BDL	269 E	7.23	BDL					
	1/14/2015	BDL	BDL	BDL	BDL	186	14.2	BDL					
	*1/29/2015	BDL	BDL	BDL	BDL	BDL	2.82	BDL					
	2/9/2015	BDL	BDL	BDL	BDL	42.5	2.66	BDL					

High's Store 34
2906 Churchville Rd
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On Site POET Analytical Summary

ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
Intermediate A	3/9/2015	BDL	BDL	BDL	BDL	397.0	22.10	BDL					
	4/20/2015	BDL	BDL	BDL	BDL	207	4.60	BDL					
	5/7/2015	BDL	BDL	BDL	BDL	189	10.4	BDL					
	*6/30/2015	BDL	BDL	BDL	BDL	159	4.91	BDL					
	7/22/2015	BDL	BDL	BDL	BDL	190	10.5	BDL					
	*8/19/2015	BDL	BDL	BDL	BDL	14.9	4.82	BDL					
	9/14/2015	BDL	BDL	BDL	BDL	197	5.80	BDL					
	10/8/2015	BDL	BDL	BDL	BDL	300 E	6.43	BDL					
	11/5/2015	BDL	BDL	BDL	BDL	BDL	24.40	BDL					
	12/7/2015	BDL	BDL	BDL	BDL	143	16.40	BDL					
	1/4/2016	BDL	BDL	BDL	BDL	149	5.84	BDL					
	2/11/2016	BDL	BDL	BDL	BDL	236	8.34	BDL					
	3/16/2016	BDL	BDL	BDL	BDL	BDL	10.40	BDL					
	4/4/2016	BDL	BDL	BDL	BDL	83.1	19.50	BDL					
	5/12/2016	BDL	BDL	BDL	BDL	410 E	14.90	BDL					
	6/2/2016	BDL	BDL	BDL	BDL	163	7.69	BDL					
	7/7/2016	BDL	BDL	BDL	BDL	174.00	14.7	BDL					
	8/23/2016	BDL	BDL	BDL	BDL	125.00	2.17	BDL					
	9/15/2016	BDL	BDL	BDL	BDL	337	7.01	BDL					
	10/4/2016	BDL	BDL	BDL	BDL	254 E	4.61	BDL					
	11/14/2016	BDL	BDL	BDL	BDL	455 E	23.60	BDL					
	12/16/2016	BDL	BDL	BDL	BDL	25.7	1.99	BDL					
	1/9/2017	BDL	BDL	BDL	BDL	334 E	6.81	BDL					
	2/7/2017	BDL	BDL	BDL	BDL	310 E	3.63	BDL					
	3/8/2017	BDL	BDL	BDL	BDL	429 E	29.0	BDL					
	4/4/2017	BDL	BDL	BDL	BDL	155	1.91	BDL					
	5/11/2017	BDL	BDL	BDL	BDL	583 E	20.5	BDL					
	6/20/2017	BDL	BDL	BDL	BDL	209	146	BDL					
	7/12/2017	BDL	BDL	BDL	BDL	BDL	2.76	BDL					
	8/22/2017	BDL	BDL	BDL	BDL	345 E	4.33	BDL					
	9/8/2017	BDL	BDL	BDL	BDL	440 E	14.8	BDL					
	10/10/2017	BDL	BDL	BDL	BDL	BDL	1.38	BDL					
	11/14/2017	BDL	BDL	BDL	BDL	303 E	1.18	BDL					
	12/5/2017	BDL	BDL	BDL	BDL	326 E	2.13	BDL					
	1/3/2018	<0.50	<0.50	<0.50	<0.50	549 E	4.97	<0.50					
	2/22/2018	<0.50	<0.50	<0.50	<0.50	379 E	4.25	<0.50					
	3/13/2018	<0.50	<0.50	<0.50	<0.50	388 E	4.52	<0.50					
	1/29/2019	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/12/2019	<0.50	<0.50	<0.50	<0.50	52.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/07/2019	<0.50	<0.50	<0.50	<0.50	235	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/26/2019	<0.50	<0.50	<0.50	<0.50	178	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/14/2019	<0.50	<0.50	<0.50	<0.50	242	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/10/2019	<0.50	<0.50	<0.50	<0.50	602	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	8/08/2019	<0.50	<0.50	<0.50	<0.50	423	2.66	<0.50	<0.50	<10.0	<0.50	<0.50	
carbon change prior to sampling	9/04/2019	<0.50	<0.50	<0.50	<0.50	792	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	10/22/2019	<0.50	<0.50	<0.50	<0.50	147	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	11/04/2019	<0.50	<0.50	<0.50	<0.50	206	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/30/2019	<0.50	<0.50	<0.50	<0.50	133	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	1/15/2020	<0.50	<0.50	<0.50	<0.50	154	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/3/2020	<0.50	<0.50	<0.50	<0.50	150	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/24/2020	<0.50	<0.50	<0.50	<0.50	227	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/21/2020	<0.50	<0.50	<0.50	<0.50	308	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	5/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/1/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/10/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	8/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	9/22/2020	<0.50	<0.50	<0.50	<0.50	216	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	10/26/2020	<0.50	<0.50	<0.50	<0.50	339	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	11/24/2020	<0.50	<0.50	<0.50	<0.50	599	<0.50	<0.50	<0.50	NA	<0.50	<0.50	
	12/18/2020	<0.50	<0.50	<0.50	<0.50	42.3	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	1/13/2021	<0.50	<0.50	<0.50	<0.50	33.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/26/2021	<0.50	<0.50	<0.50	<0.50	14.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/17/2021	<0.50	<0.50	<0.50	<0.50	14.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/07/2021	<0.50	<0.50	<0.50	<0.50	10.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	5/05/2021	<0.50	<0.50	<0.50	<0.50	10.2	1.49	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/21/2021	<0.50	<0.50	<0.50	<0.50	12.9	13.8	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/15/2021	<0.50	<0.50	<0.50	<0.50	16.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	9/13/2021	<0.50	<0.50	<0.50	<0.50	20.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/09/2021	<0.50	<0.50	<0.50	<0.50	13.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	1/05/2022	<0.50	<0.50	<0.50	<0.50	16.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	2/04/2022	<0.50	<0.50	<0.50	<0.50	22.3	<0.50	<0.50	<0.50	<10.1	<0.50	<0.50	<0.50
	3/18/2022	<0.50	<0.50	<0.50	<0.50	20.3	1.37	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	4/30/2022	<0.50	<0.50	<0.50	<0.50	210	6.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	5/26/2022	<0.50	<0.50	<0.50	<0.50	221	12.4	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	6/21/2022	<0.50	<0.50	<0.50	<0.50	8.5	53.4	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	7/13/2022	<0.50	<0.50	<0.50	<0.50	25.7	111	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	8/17/2022	<0.50	<0.50	<0.50	<0.50	29.3	181	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	9/30/2022	<0.50	<0.50	<0.50	<0.50	24.5	292	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	10/18/2022	<0.50	<0.50	<0.50	<0.50	37.8	**377**	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	11/18/2022	<0.50	<0.50	<0.50	<0.50	32.10	**515**	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	12/16/2022	<0.50	<0.50	<0.50	<0.50	<10	**488**	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	1/10/2023	<0.50	<0.50	<0.50	<0.50	<10	**458**	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	2/9/2023	<0.50	<0.50	<0.50	<0.50	<10	**9.16**	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	3/14/2023	<0.50	<0.50	<0.50	<0.50	<10	**10.1**	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	4/18/2023	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	5/4/2023	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	6/16/2023	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	7/11/2023	<0.50	<0.50	<0.50	<0.50	32.40	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	8/11/2023	<0.50	<0.50	<0.50	<0.50	50.70	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	9/20/2023	<0.50	<0.50	<0.50	<0.50	26.60	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50

High's Store 34
2906 Churchville Rd
Churchville, MD 20128
On Site POET Analytical Summary

ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
Intermediate B	3/31/2011	<0.50	<0.50	<0.50	<0.50	BDL	BDL	BDL					
	4/26/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/20/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/29/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/25/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/31/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*9/30/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	10/31/2011	BDL	6.1	1.6	4.4	BDL	BDL	1.3					
	11/29/2011	BDL	BDL	BDL	BDL	134	BDL	BDL					
	12/20/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*1/18/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/28/2012	BDL	BDL	BDL	BDL	113	BDL	BDL					
	3/14/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	4/19/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/8/2012	BDL	BDL	BDL	BDL	289	BDL	BDL					
	*6/14/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/6/2012	BDL	BDL	BDL	BDL	78.9	BDL	BDL					
	8/2/2012	BDL	BDL	BDL	BDL	291	BDL	BDL					
	9/24/2012	BDL	BDL	BDL	BDL	398	BDL	BDL					
	10/25/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/6/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	12/26/2012	BDL	BDL	BDL	BDL	52.0	BDL	BDL					
	1/31/2013	BDL	BDL	BDL	BDL	354	BDL	BDL					
	3/1/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/29/2013	BDL	BDL	BDL	BDL	320	BDL	BDL					
	4/23/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/23/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/25/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/17/2013	BDL	BDL	BDL	BDL	64.7	BDL	BDL					
	8/20/2013	BDL	BDL	BDL	BDL	157	BDL	BDL					
	9/23/2013	BDL	BDL	BDL	BDL	201	BDL	BDL					
	10/9/2013	BDL	BDL	BDL	BDL	142	BDL	BDL					
	11/14/2013	BDL	BDL	BDL	BDL	373 E	BDL	BDL					
	12/19/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/9/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/18/2014	BDL	BDL	BDL	BDL	27.7	BDL	BDL					
	3/18/2014	BDL	BDL	BDL	BDL	247 E	BDL	BDL					
	4/30/2013	BDL	BDL	BDL	BDL	24.8	BDL	BDL					
	5/15/2014	BDL	BDL	BDL	BDL	111	BDL	BDL					
	6/25/2014	BDL	BDL	BDL	BDL	346	BDL	BDL					
	7/30/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/26/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/24/2014	BDL	BDL	BDL	BDL	140	BDL	BDL					
	10/9/2014	BDL	BDL	BDL	BDL	190	BDL	BDL					
	11/10/2014	BDL	BDL	BDL	BDL	12.4	BDL	BDL					
	12/8/2014	BDL	BDL	BDL	BDL	165	BDL	BDL					
	1/14/2015	BDL	BDL	BDL	BDL	143	BDL	BDL					
	*1/29/2015	BDL	BDL	BDL	BDL	BDL	3.83	BDL					
	2/9/2015	BDL	BDL	BDL	BDL	36.3	2.83	BDL					
	3/9/2015	BDL	BDL	BDL	BDL	365	9.27	BDL					
	5/7/2015	BDL	BDL	BDL	BDL	206	0.75	BDL					
	*6/30/2015	BDL	BDL	BDL	BDL	28.6	BDL	BDL					
	7/22/2015	BDL	BDL	BDL	BDL	118	BDL	BDL					

High's Store 34
2906 Churchville Rd
Churchville, MD 20128
On Site POET Analytical Summary

ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
Intermediate B	*8/19/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/14/2015	BDL	BDL	BDL	BDL	31.5	BDL	BDL					
	10/8/2015	BDL	BDL	BDL	BDL	176	BDL	BDL					
	11/5/2015	BDL	BDL	BDL	BDL	166	BDL	BDL					
	12/7/2015	BDL	BDL	BDL	BDL	21.4	BDL	BDL					
	1/4/2016	BDL	BDL	BDL	BDL	128	BDL	BDL					
	2/11/2016	BDL	BDL	BDL	BDL	199	BDL	BDL					
	3/16/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	4/4/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/12/2016	BDL	BDL	BDL	BDL	361	BDL	BDL					
	6/2/2016	BDL	BDL	BDL	BDL	188	BDL	BDL					
	7/7/2016	BDL	BDL	BDL	BDL	218	BDL	BDL					
	8/23/2016	BDL	BDL	BDL	BDL	17.6	BDL	BDL					
	9/15/2016	BDL	BDL	BDL	BDL	147	BDL	BDL					
	10/4/2016	BDL	BDL	BDL	BDL	220	BDL	BDL					
	11/14/2016	BDL	BDL	BDL	BDL	362 E	BDL	BDL					
	12/16/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/9/2017	BDL	BDL	BDL	BDL	123	BDL	BDL					
	2/7/2017	BDL	BDL	BDL	BDL	255 E	BDL	BDL					
	3/8/2017	BDL	BDL	BDL	BDL	387 E	BDL	BDL					
	4/4/2017	BDL	BDL	BDL	BDL	29.9	BDL	BDL					
	5/11/2017	BDL	BDL	BDL	BDL	510 E	BDL	BDL					
	6/20/2017	BDL	BDL	BDL	BDL	276 E	BDL	BDL					
	7/12/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/22/2017	BDL	BDL	BDL	BDL	162	BDL	BDL					
	9/8/2017	BDL	BDL	BDL	BDL	285 E	BDL	BDL					
	10/10/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/14/2017	BDL	BDL	BDL	BDL	35.2	BDL	BDL					
	12/5/2017	BDL	BDL	BDL	BDL	151	BDL	BDL					
	1/3/2018	<0.50	<0.50	<0.50	<0.50	371 E	<0.50	<0.50					
	2/22/2018	<0.50	<0.50	<0.50	<0.50	424 E	<0.50	<0.50					
	3/13/2018	<0.50	<0.50	<0.50	<0.50	365 E	<0.50	<0.50					
	1/29/2019	<0.50	<0.50	<0.50	<0.50	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/12/2019	<0.50	<0.50	<0.50	<0.50	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/07/2019	<0.50	<0.50	<0.50	<0.50	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/26/2019	<0.50	<0.50	<0.50	<0.50	184	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/14/2019	<0.50	<0.50	<0.50	<0.50	268	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/10/2019	<0.50	<0.50	<0.50	<0.50	524	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	8/08/2019	<0.50	<0.50	<0.50	<0.50	473	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
carbon change prior to sampling	9/04/2019	<0.50	<0.50	<0.50	<0.50	690	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	10/22/2019	<0.50	<0.50	<0.50	<0.50	91.4	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	11/04/2019	<0.50	<0.50	<0.50	<0.50	130	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/30/2019	<0.50	<0.50	<0.50	<0.50	153	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	1/15/2020	<0.50	<0.50	<0.50	<0.50	196	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/3/2020	<0.50	<0.50	<0.50	<0.50	225	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/24/2020	<0.50	<0.50	<0.50	<0.50	308	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/21/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	5/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/1/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/10/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	8/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	9/22/2020	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	10/26/2020	<0.50	<0.50	<0.50	<0.50	37.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	11/24/2020	<0.50	<0.50	<0.50	<0.50	194	<0.50	<0.50	<0.50	NA	<0.50	<0.50	
	12/18/2020	<0.50	<0.50	<0.50	<0.50	29.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	1/13/2021	<0.50	<0.50	<0.50	<0.50	40.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/26/2021	<0.50	<0.50	<0.50	<0.50	30.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/17/2021	<0.50	<0.50	<0.50	<0.50	30.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/7/2021	<0.50	<0.50	<0.50	<0.50	19.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	5/5/2021	<0.50	<0.50	<0.50	<0.50	17.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/21/2021	<0.50	<0.50	<0.50	<0.50	13.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/15/2021	<0.50	<0.50	<0.50	<0.50	13.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	9/16/2021	<0.50	<0.50	<0.50	<0.50	17.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/9/2021	<0.50	<0.50	<0.50	<0.50	13.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	1/5/2022	<0.50	<0.50	<0.50	<0.50	12.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	2/4/2022	<0.50	<0.50	<0.50	<0.50	14.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	3/18/2022	<0.50	<0.50	<0.50	<0.50	22.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	4/30/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	5/26/2022	<0.50	<0.50	<0.50	<0.50	285	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	6/21/2022	<0.50	<0.50	<0.50	<0.50	19.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	7/13/2022	<0.50	<0.50	<0.50	<0.50	11.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	8/17/2022	<0.50	<0.50	<0.50	<0.50	20.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	9/30/2022	<0.50	<0.50	<0.50	<0.50	20.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	10/18/2022	<0.50	<0.50	<0.50	<0.50	28.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	11/18/2022	<0.50	<0.50	<0.50	<0.50	35.10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	12/16/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	1/10/2023	<0.50	<0.50	<0.50	<0.50	7.82	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	2/9/2023	<0.50	<0.50	<0.50	<0.50	18.10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	3/14/2023	<0.50	<0.50	<0.50	<0.50	32.10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	4/18/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	5/4/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	6/16/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	7/11/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	8/11/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	9/20/2023	<0.50	<0.50	<0.50	<0.50	26.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50

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ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
Intermediate C	3/31/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	4/26/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/20/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/29/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/25/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/31/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*9/30/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	10/31/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/29/2011	BDL	BDL	BDL	BDL	124	1.43	BDL					
	12/20/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*1/18/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/28/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/14/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	4/19/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/8/2012	BDL	BDL	BDL	BDL	217	BDL	BDL					
	*6/14/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/6/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/2/2012	BDL	BDL	BDL	BDL	133	BDL	BDL					
	9/24/2012	BDL	BDL	BDL	BDL	441	BDL	BDL					
	10/25/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/6/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	12/26/2012	BDL	BDL	BDL	BDL	13.5	BDL	BDL					
	1/31/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/1/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/29/2013	BDL	BDL	BDL	BDL	202	BDL	BDL					
	**4/23/2013	BDL	NS	NS	NS	NS	NS	NS					
	**5/23/2013	BDL	NS	NS	NS	NS	NS	NS					
	**6/25/2013	BDL	NS	NS	NS	NS	NS	NS					
	7/17/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/20/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/23/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	10/9/2013	BDL	BDL	BDL	BDL	31.5	BDL	BDL					
	11/14/2013	BDL	BDL	BDL	BDL	238 E	BDL	BDL					
	12/14/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/9/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/18/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/26/2014	BDL	BDL	BDL	BDL	55.3	BDL	BDL					
	4/30/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/15/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/25/2014	BDL	BDL	BDL	BDL	230	BDL	BDL					
	7/30/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/26/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/24/2014	BDL	BDL	BDL	BDL	16.3	BDL	BDL					
	10/9/2014	BDL	BDL	BDL	BDL	73.6	BDL	BDL					
	11/10/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	12/8/2014	BDL	BDL	BDL	BDL	30.3	BDL	BDL					
	1/14/2015	BDL	BDL	BDL	BDL	93.6	BDL	BDL					
	*1/29/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/9/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/9/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	4/20/2015	BDL	BDL	BDL	BDL	132	BDL	BDL					
	5/7/2015	BDL	BDL	BDL	BDL	168	BDL	BDL					
	* 6/30/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/22/2015	BDL	BDL	BDL	BDL	32.2	BDL	BDL					
	*8/19/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/14/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	10/8/2015	BDL	BDL	BDL	BDL	24.2	BDL	BDL					
	11/5/2015	BDL	BDL	BDL	BDL	22.4	BDL	BDL					
	12/7/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					

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ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
Intermediate C	1/4/2016	BDL	BDL	BDL	BDL	37.7	BDL	BDL					
	2/11/2016	BDL	BDL	BDL	BDL	114	BDL	BDL					
	3/16/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	4/4/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/12/2016	BDL	BDL	BDL	BDL	75.4	BDL	BDL					
	6/2/2016	BDL	BDL	BDL	BDL	170	BDL	BDL					
	7/7/2016	BDL	BDL	BDL	BDL	235	BDL	BDL					
	8/23/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/15/2016	BDL	BDL	BDL	BDL	25.9	BDL	BDL					
	10/4/2016	BDL	BDL	BDL	BDL	44.3	BDL	BDL					
	11/14/2016	BDL	BDL	BDL	BDL	243	BDL	BDL					
	12/16/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/9/2017	BDL	BDL	BDL	BDL	16.5	BDL	BDL					
	2/7/2017	BDL	BDL	BDL	BDL	153	BDL	BDL					
	3/8/2017	BDL	BDL	BDL	BDL	276 E	BDL	BDL					
	4/4/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/11/2017	BDL	BDL	BDL	BDL	192	BDL	BDL					
	6/20/2017	BDL	BDL	BDL	BDL	194	BDL	BDL					
	7/12/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/22/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/8/2017	BDL	BDL	BDL	BDL	70.6	BDL	BDL					
	10/10/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/28/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	12/5/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/3/2018	<0.50	<0.50	<0.50	<1.0	68.6	<0.50	<0.50					
	2/22/2018	<0.50	<0.50	<0.50	<1.0	289 E	<0.50	<0.50					
	3/13/2018	<0.50	<0.50	<0.50	<1.0	305 E	<0.50	<0.50					
	8/20/2018	ND	ND	ND	ND	ND	ND	ND					
	9/14/2018	ND	ND	ND	ND	ND	ND	ND					
	10/5/2018	ND	ND	ND	ND	221	14.5	ND	ND	ND	ND	ND	
	11/5/2018	ND	ND	ND	ND	596	13.1	ND	ND	ND	ND	ND	
	1/3/2019	ND	ND	ND	ND	595	**393**	ND	ND	ND	ND	ND	
	1/29/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/12/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/7/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/26/2019	<0.50	<0.50	<0.50	<1.0	36.1	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/14/2019	<0.50	<0.50	<0.50	<1.0	269	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/10/2019	<0.50	<0.50	<0.50	<1.0	467	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	8/8/2019	<0.50	<0.50	<0.50	<1.0	555	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
carbon change prior to sampling	9/4/2019	<0.50	<0.50	<0.50	<1.0	8.33	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	10/22/2019	<0.50	<0.50	<0.50	<1.0	67.8	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	11/4/2019	<0.50	<0.50	<0.50	<1.0	84.9	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/30/2019	<0.50	<0.50	<0.50	<1.0	150	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	1/15/2020	<0.50	<0.50	<0.50	<1.0	199	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/3/2020	<0.50	<0.50	<0.50	<1.0	239	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/24/2020	<0.50	<0.50	<0.50	<1.0	385	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/21/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	5/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/1/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/10/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	8/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	9/22/2020	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	10/26/2020	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	11/24/2020	<0.50	<0.50	<0.50	<0.50	<25	<0.50	<0.50	<0.50	NA	<0.50	<0.50	
	12/18/2020	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	1/13/2021	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/26/2021	<0.50	<0.50	<0.50	<0.50	24.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/17/2021	<0.50	<0.50	<0.50	<0.50	34.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/7/2021	<0.50	<0.50	<0.50	<0.50	27.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	5/5/2021	<0.50	<0.50	<0.50	<0.50	25.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/21/2021	<0.50	<0.50	<0.50	<0.50	20.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/15/2021	<0.50	<0.50	<0.50	<0.50	21.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	9/13/2021	<0.50	<0.50	<0.50	<0.50	19.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/9/2021	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	1/5/2022	<0.50	<0.50	<0.50	<0.50	12.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	2/4/2022	<0.50	<0.50	<0.50	<0.50	12.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	3/18/2022	<0.50	<0.50	<0.50	<0.50	15.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	4/30/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	5/26/2022	<0.50	<0.50	<0.50	<0.50	280	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	6/21/2022	<0.50	<0.50	<0.50	<0.50	17.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	7/13/2022	<0.50	<0.50	<0.50	<0.50	35.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	8/17/2022	<0.50	<0.50	<0.50	<0.50	25.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	9/30/2022	<0.50	<0.50	<0.50	<0.50	17.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	10/18/2022	<0.50	<0.50	<0.50	<0.50	14.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	11/18/2022	<0.50	<0.50	<0.50	<0.50	28.70	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	12/16/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	1/10/2023	<0.50	<0.50	<0.50	<0.50	15.80	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	2/9/2023	<0.50	<0.50	<0.50	<0.50	19.10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	3/14/2023	<0.50	<0.50	<0.50	<0.50	42.30	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	4/18/2023	<0.50	<0.50	<0.50	<0.50	16.30	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	5/4/2023	<0.50	<0.50	<0.50	<0.50	13.20	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	6/16/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	7/11/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	8/11/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	9/20/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50

High's Store 34
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On Site POET Analytical Summary

ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
Effluent	7/9/2005	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/3/2006	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/11/2006	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/31/2007	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	4/17/2007	BDL	BDL	BDL	BDL	BDL	8	BDL					
	7/30/2007	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/2/2007	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/29/2008	BDL	BDL	BDL	BDL	BDL	8.6	BDL					
	3/27/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/25/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/29/2008	BDL	3	BDL	1.3	BDL	BDL	BDL					
	12/30/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/30/2009	BDL	3	BDL	1.3	BDL	BDL	BDL					
	6/30/2009	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/30/2009	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	12/29/2009	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/25/2010	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*6/18/2010	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*8/31/2010	BDL	1.5	BDL	2.5	BDL	2.6	BDL					
	*12/15/2010	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*1/25/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/28/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/31/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*4/26/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/20/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/29/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/25/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/31/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*9/30/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	10/31/2011	BDL	2.4	BDL	1.4	BDL	BDL	1.6					
	11/29/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	12/20/2011	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*1/18/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/28/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/14/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	4/19/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/8/2012	BDL	BDL	BDL	BDL	71	BDL	BDL					
	*6/14/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/6/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/2/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/24/2012	BDL	BDL	BDL	BDL	357	BDL	BDL					
	10/25/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/6/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	12/26/2012	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/31/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/1/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/29/2013	BDL	BDL	BDL	BDL	26.9	BDL	BDL					
	4/23/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/23/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/25/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/17/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/20/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/23/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	10/9/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/14/2013	BDL	BDL	BDL	BDL	15.1	BDL	BDL					
	12/19/2013	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/9/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/18/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/18/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					

High's Store 34
2906 Churchville Rd
Churchville, MD 20128
On Site POET Analytical Summary

ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
Effluent	4/30/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/15/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/25/2014	BDL	BDL	BDL	BDL	63.1	BDL	BDL					
	7/30/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/26/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/24/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	10/9/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/10/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	12/8/2014	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/14/2015	BDL	BDL	BDL	BDL	20.8	BDL	BDL					
	1/29/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/9/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/9/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	4/20/2015	BDL	BDL	BDL	BDL	17.2	BDL	BDL					
	5/7/2015	BDL	BDL	BDL	BDL	69.1	BDL	BDL					
	* 6/30/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	7/22/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	*8/19/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/14/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	10/8/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/5/2015	BDL	BDL	BDL	BDL	115	BDL	BDL					
	12/7/2015	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/4/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/11/2016	BDL	BDL	BDL	BDL	61.1	BDL	BDL					
	3/16/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	4/4/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/12/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	6/2/2016	BDL	BDL	BDL	BDL	52.7	BDL	BDL					
	7/7/2016	BDL	BDL	BDL	BDL	184	BDL	BDL					
	8/23/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	9/15/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	10/4/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/14/2016	BDL	BDL	BDL	BDL	76.5	BDL	BDL					
	12/16/2016	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	1/9/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	2/7/2017	BDL	BDL	BDL	BDL	24.4	BDL	BDL					
	3/8/2017	BDL	BDL	BDL	BDL	154	BDL	BDL					
	4/4/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/5/2017	BDL	BDL	BDL	BDL	31.30	BDL	BDL					
	6/20/2017	BDL	BDL	BDL	BDL	134.00	BDL	BDL					
	12/7/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/22/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	8/9/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	10/10/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	11/14/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	5/12/2017	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
	3/1/2018	<0.50	<0.50	<0.50	<1.0	<10.0	<0.50	<0.50					
	2/22/2018	<0.50	<0.50	<0.50	<1.0	42.10	<0.50	<0.50					
	3/13/2018	<0.50	<0.50	<0.50	<1.0	91.50	<0.50	<0.50					
	8/20/2018	ND	ND	ND	ND	ND	ND	ND					
	9/14/2018	ND	ND	ND	ND	ND	ND	ND					
	10/5/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	11/5/2018	ND	ND	ND	ND	514	ND	ND	ND	ND	ND	ND	
	1/3/2018	ND	ND	ND	ND	613	ND	ND	ND	ND	ND	ND	
	1/29/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/12/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/7/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/26/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/14/2019	<0.50	<0.50	<0.50	<1.0	144	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/10/2019	<0.50	<0.50	<0.50	<1.0	607	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	8/8/2019	<0.50	<0.50	<0.50	<1.0	550	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
carbon change	9/4/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	10/22/2019	<0.50	<0.50	<0.50	<1.0	14.10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	11/4/2019	<0.50	<0.50	<0.50	<1.0	36.70	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/30/2019	<0.50	<0.50	<0.50	<1.0	93.4	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	1/15/2020	<0.50	<0.50	<0.50	<1.0	151	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/03/2020	<0.50	<0.50	<0.50	<1.0	208	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/24/2020	<0.50	<0.50	<0.50	<1.0	427	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
carbon change	4/21/2020	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	5/14/2020	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/1/2020	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/10/2020	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
	8/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	9/22/2020	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	10/26/2020	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	11/24/2020	<0.50	<0.50	<0.50	<0.50	<25	<0.50	<0.50	<0.50	NA	<0.50	<0.50	
	12/18/2020	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	1/13/2021	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	2/26/2021	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	3/17/2021	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	4/7/2021	<0.50	<0.50	<0.50	<0.50	11.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	5/5/2021	<0.50	<0.50	<0.50	<0.50	24.3	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	6/21/2021	<0.50	<0.50	<0.50	<0.50	24.3	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	7/15/2021	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	9/13/2021	<0.50	<0.50	<0.50	<0.50	14.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
	12/9/2021	<0.50	<0.50	<0.50	<0.50	11.20	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	1/5/2022	<0.50	<0.50	<0.50	<0.50	10.90	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	2/4/2022	<0.50	<0.50	<0.50	<0.50	11.20	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	3/18/2022	<0.50	<0.50	<0.50	<0.50	13.70	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	4/30/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	5/26/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	6/21/2022	<0.50	<0.50	<0.50	<0.50	30.10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	7/13/2022	<0.50	<0.50	<0.50	<0.50	37.70	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	8/17/2022	<0.50	<0.50	<0.50	<0.50	25.60	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	9/30/2022	<0.50	<0.50	<0.50	<0.50	22.80	<0.50	<0.50	<0.50	<10.1	<0.50	<0.50	<0.50
	10/18/2022	<0.50	<0.50	<0.50	<0.50	18.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50

High's Store 34
2906 Churchville Rd
Churchville, MD 20128
On Site POET Analytical Summary

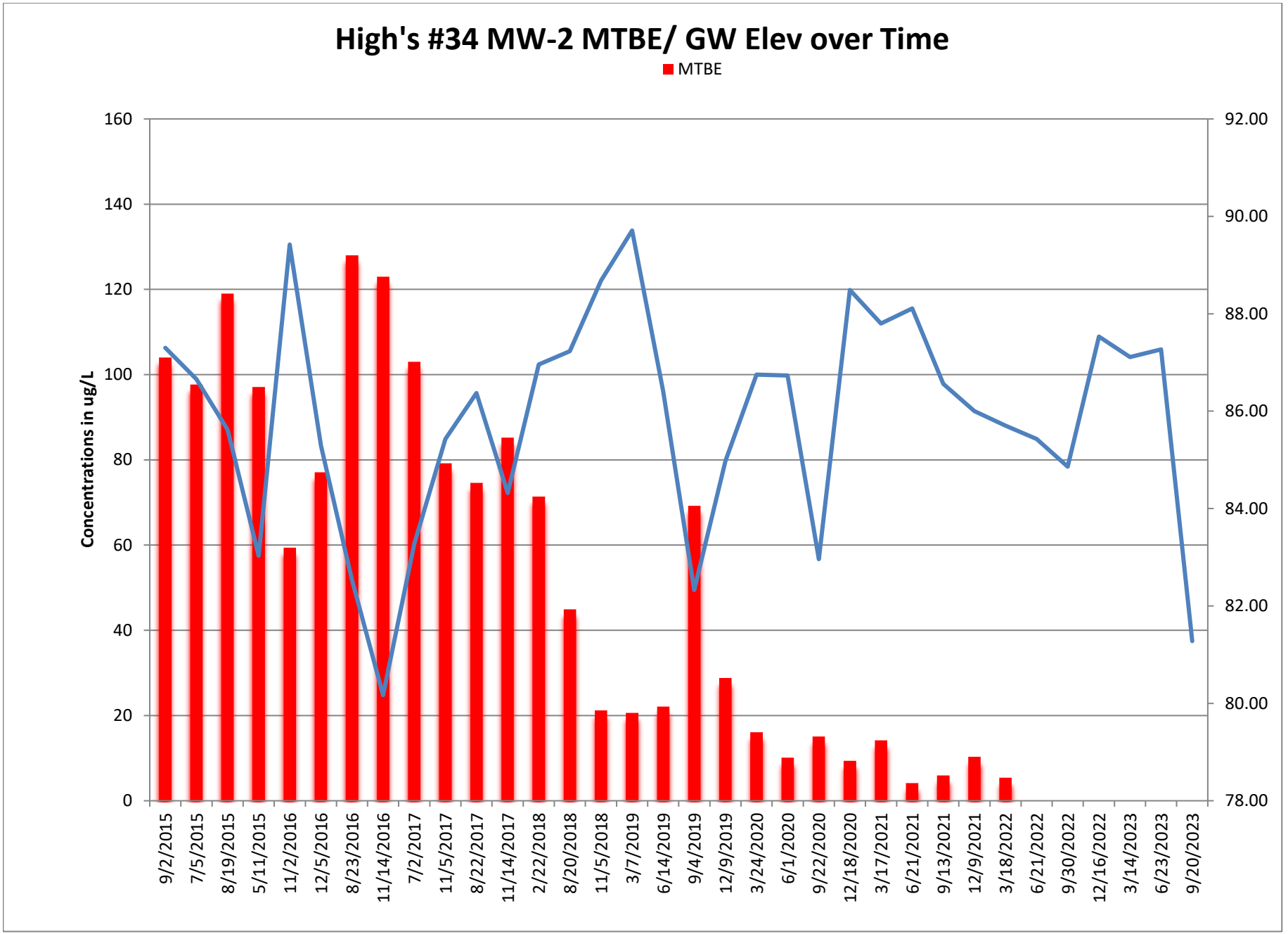
ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene	DIPE	TAA	TAME	TAEE	1,2 DCA
MDE GNCS, Type I and II Aquifers		**5**	**1,000**	**700**	**10,000**	**NG**	**20**	**0.65**	**NG**	**NG**	**NG**	**NG**	**5**
Effluent	11/18/2022	<0.50	<0.50	<0.50	<0.50	23.90	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	12/16/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	1/10/2023	<0.50	<0.50	<0.50	<0.50	15.90	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	2/9/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	3/14/2023	<0.50	<0.50	<0.50	<0.50	20.40	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	4/18/2023	<0.50	<0.50	<0.50	<0.50	17.90	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
carbon change	5/4/2023	<0.50	<0.50	<0.50	<0.50	10.80	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	6/16/2023	<0.50	<0.50	<0.50	<0.50	10.80	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	7/11/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	8/11/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	9/20/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50

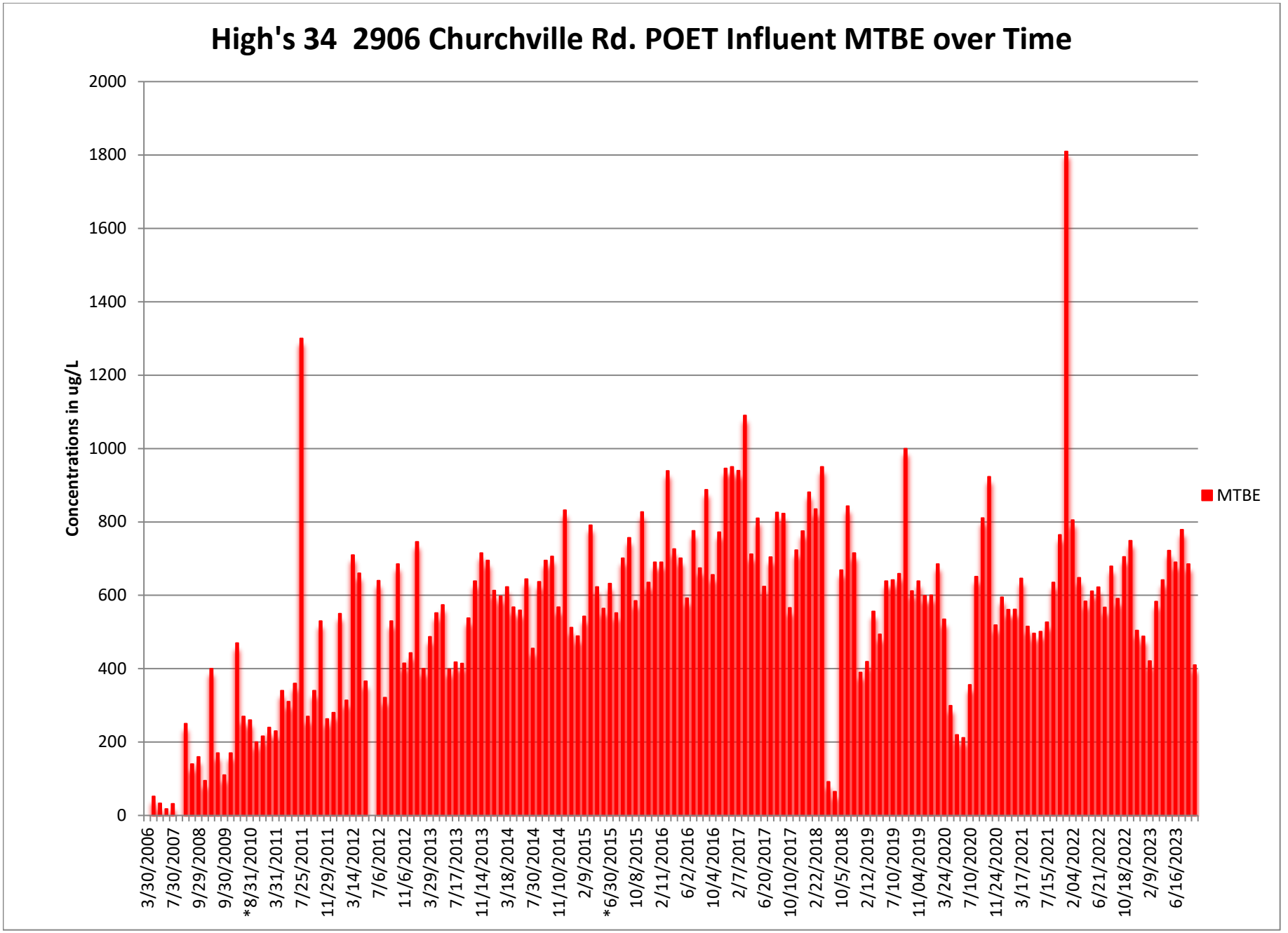
High's Store 34
2906 Churchville Rd
Churchville, MD 20128
Off Site POET Analytical Summary

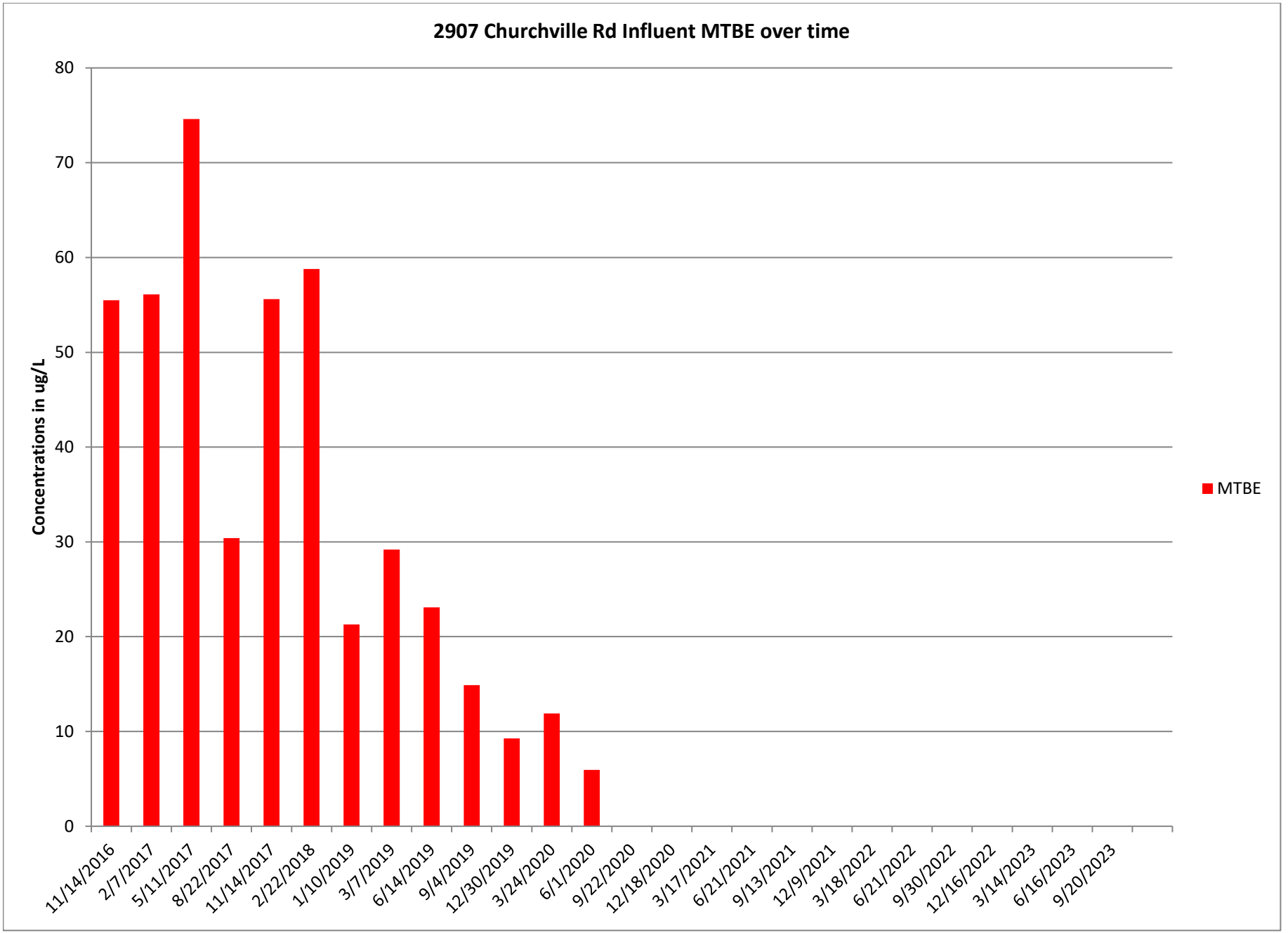
ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene
MDE GNCS, Type I and II Aquifers		5	1,000	700	10,000	NG	20	0.65
2907 Churchville Road	11/14/2016	ND	ND	ND	ND	ND	55.5	ND
Influent	2/7/2017	ND	ND	ND	ND	ND	56.1	ND
	5/11/2017	ND	ND	ND	ND	ND	74.6	ND
	8/22/2017	ND	ND	ND	ND	ND	30.4	ND
	11/14/2017	ND	ND	ND	ND	ND	55.6	ND
	2/22/2018	ND	ND	ND	ND	ND	58.8	ND
	1/10/2019	ND	ND	ND	ND	ND	21.3	ND
	3/7/2019	ND	ND	ND	ND	ND	29.2	ND
	6/14/2019	<.5	<.5	<.5	<.5	<10	23.1	<.5
	9/4/2019	<.5	<.5	<.5	<.5	<10	14.9	<.5
	12/30/2019	<.5	<.5	<.5	<.5	<10	9.27	<.5
	3/24/2020	<.5	<.5	<.5	<.5	<10	11.9	<.5
	6/1/2020	<.5	<.5	<.5	<.5	<10	5.95	<.5
	9/22/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/18/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/17/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/21/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/13/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/9/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/18/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/21/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/30/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/16/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/14/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/16/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/20/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
Intermediate 1								
	1/10/2019	ND	ND	ND	ND	ND	ND	ND
	3/7/2019	ND	ND	ND	ND	ND	ND	ND
	6/14/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/4/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/30/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/24/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/1/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/22/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/18/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/17/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/21/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/13/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/9/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/18/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/21/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/30/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/16/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/14/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/16/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/20/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
Intermediate 2	1/10/2019	ND	ND	ND	ND	ND	ND	ND
	3/7/2019	ND	ND	ND	ND	ND	ND	ND
	6/14/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/4/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/30/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/24/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/1/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/22/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/18/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/17/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/21/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/13/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/9/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/18/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/21/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/30/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/16/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/14/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/16/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/20/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5

High's Store 34
2906 Churchville Rd
Churchville, MD 20128
Off Site POET Analytical Summary

ID	Sample Date	Benzene	Toluene	Ehtylbenzene	Xylenes (Total)	TBA	MTBE	Naphthalene
MDE GNCS, Type I and II Aquifers Effluent		5	1,000	700	10,000	NG	20	0.65
	1/10/2019	ND	ND	ND	ND	ND	ND	ND
	3/7/2019	ND	ND	ND	ND	ND	ND	ND
	6/14/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/4/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/30/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/24/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/1/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/22/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/18/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/17/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/21/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/13/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/9/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/18/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/21/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/30/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	12/16/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
	3/14/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
	6/16/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
	9/20/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5


High's #34 MW-2 MTBE/ GW Elev over Time
MTBE
Concentrations in ug/L
160
140
120
100
80
60
40
20
0
92.00
90.00
88.00
86.00
84.00
82.00
80.00
78.00
9/2/2015
7/5/2015
8/19/2015
5/11/2015
11/2/2016
12/5/2016
8/23/2016
11/14/2016
7/2/2017
11/5/2017
8/22/2017
11/14/2017
2/22/2018
8/20/2018
11/5/2018
3/7/2019
6/14/2019
9/4/2019
12/9/2019
3/24/2020
6/1/2020
9/22/2020
12/18/2020
3/17/2021
6/21/2021
9/13/2021
12/9/2021
3/18/2022
6/21/2022
9/30/2022
12/16/2022
3/14/2023
6/23/2023
9/20/2023


High's 34 2906 Churchville Rd. POET Influent MTBE over Time
Concentrations in ug/L
2000
1800
1600
1400
1200
1000
800
600
400
200
0
MTBE
3/30/2006
7/30/2007
9/29/2008
9/30/2009
*8/31/2010
3/31/2011
7/25/2011
11/29/2011
3/14/2012
7/6/2012
11/6/2012
3/29/2013
7/17/2013
11/14/2013
3/18/2014
7/30/2014
11/10/2014
2/9/2015
*6/30/2015
10/8/2015
2/11/2016
6/2/2016
10/4/2016
2/7/2017
6/20/2017
10/10/2017
2/22/2018
10/5/2018
2/12/2019
7/10/2019
11/04/2019
3/24/2020
7/10/2020
11/24/2020
3/17/2021
7/15/2021
2/04/2022
6/21/2022
10/18/2022
2/9/2023
6/16/2023


2907 Churchville Rd Influent MTBE over time
Concentrations in ug/L
80
70
60
50
40
30
20
10
0
11/14/2016
2/7/2017
5/11/2017
8/22/2017
11/14/2017
2/22/2018
1/10/2019
3/7/2019
6/14/2019
9/4/2019
12/30/2019
3/24/2020
6/1/2020
9/22/2020
12/18/2020
3/17/2021
6/21/2021
9/13/2021
12/9/2021
3/18/2022
6/21/2022
9/30/2022
12/16/2022
3/14/2023
6/16/2023
9/20/2023
MTBE

Attachment C
Report of Analysis & Chain of Custody Record

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**TRIP BLANK**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A011**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**TRIP BLANK**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A011**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	92	EPA 524.2
Dibromofluoromethane	%	95	EPA 524.2
Toluene-d8	%	99	EPA 524.2
Bromofluorobenzene	%	110	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A016**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	40.8	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	779	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	10.4	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	6.19	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	43.8	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A016**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	89	EPA 524.2
Dibromofluoromethane	%	90	EPA 524.2
Toluene-d8	%	97	EPA 524.2
Bromofluorobenzene	%	111	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 1**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A015**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	32.4	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 1**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A015**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	93	EPA 524.2
Dibromofluoromethane	%	96	EPA 524.2
Toluene-d8	%	97	EPA 524.2
Bromofluorobenzene	%	112	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

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Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 2**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A014**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 2**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A014**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	93	EPA 524.2
Dibromofluoromethane	%	94	EPA 524.2
Toluene-d8	%	98	EPA 524.2
Bromofluorobenzene	%	109	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 3**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A013**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 3**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A013**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	92	EPA 524.2
Dibromofluoromethane	%	99	EPA 524.2
Toluene-d8	%	97	EPA 524.2
Bromofluorobenzene	%	109	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**EFFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A012**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**EFFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**7/11/2023**	**Client Telephone:**	
Date Received:	**7/19/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**7/21/2023**	**Lab File:**	**72123A012**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	92	EPA 524.2
Dibromofluoromethane	%	95	EPA 524.2
Toluene-d8	%	97	EPA 524.2
Bromofluorobenzene	%	108	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.
1751-1 Pulaski Hwy., Havre de Grace, MD 21078-2207
Phone: 410-939-5550 Fax: 410-939-5552
www.AECEnviro.com

Chain of Custody Record

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Client: CIFCO	Project Name: H-34	SDG#
Address: 18 Loveton circle Sparks MD	Project Location: 2906 Churchville Rd.	Preservatives
Contact:	Phone: Fax:	Requested Analysis
Sample By:	Email:	Observation
	Receive Completed Report Via (Circle One) U.S. Mail Email Fax	

	Sample#	Sample ID	Date	Time	Matrix	OH	CH4						Observation
1	1	Trip	7/11/23		O	<2	/						No Chlorine
2	2	INFL			OW	<2	/						
3		Inter-1				<2	/						
4		Inter-2				<2	/						
5		Inter-3				<2	/						
6		EFFL				<2	/						
7													
8													
9													
10													

Relinquished/Received By Signature	Date	Time	Delivery Method
Relinquished By:	7/11/23		
Received By:			
Relinquished By:			
Received By:	7/12/23		
Relinquished By:			
Received By:			

Lab Use Only
Temp of Cooler: <4°C
Ice Present (Y)N)
Custody Seal (Y)N)
Date of Extraction: n/a

Matrix Codes: SO = Soil, GW = Ground Water, WW = Waste Water, VP = Vapor, SL = Sludge, OW = Drinking Water, O = Other

Special Instructions / Comments / QC Requirements:

Turn Around Time: (STD) 1 Day 2 Day 3Day Other

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**TRIP BLANK**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A027**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**TRIP BLANK**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A027**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	112	EPA 524.2
Dibromofluoromethane	%	100	EPA 524.2
Toluene-d8	%	108	EPA 524.2
Bromofluorobenzene	%	101	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A032**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	30.7	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	685	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	12.4	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	7.23	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	38.4	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A032**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	103	EPA 524.2
Dibromofluoromethane	%	90	EPA 524.2
Toluene-d8	%	94	EPA 524.2
Bromofluorobenzene	%	104	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 1**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A031**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	50.7	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 1**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A031**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	111	EPA 524.2
Dibromofluoromethane	%	101	EPA 524.2
Toluene-d8	%	109	EPA 524.2
Bromofluorobenzene	%	101	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 2**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A030**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 2**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A030**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	112	EPA 524.2
Dibromofluoromethane	%	101	EPA 524.2
Toluene-d8	%	108	EPA 524.2
Bromofluorobenzene	%	100	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 3**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A029**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 3**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A029**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	111	EPA 524.2
Dibromofluoromethane	%	101	EPA 524.2
Toluene-d8	%	109	EPA 524.2
Bromofluorobenzene	%	101	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**EFFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A028**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**EFFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**8/11/2023**	**Client Telephone:**	
Date Received:	**8/18/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**8/21/2023**	**Lab File:**	**82123A028**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	113	EPA 524.2
Dibromofluoromethane	%	99	EPA 524.2
Toluene-d8	%	103	EPA 524.2
Bromofluorobenzene	%	101	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.
1751-1 Pulaski Hwy., Havre de Grace, MD 21078-2207
Phone: 410-939-5550 Fax: 410-939-5552
www.AECEnviro.com

Chain of Custody Record

Client: CIFCO	Project Name: H-34	SDG#
Address: 18 Loveton Circle, Sparks MD	Project Location: 2906 Churchville Rd.	Preservatives
	Phone: Fax:	Requested Analysis
Contact:	Email:	Observation
Sample By:	Receive Completed Report Via (Circle One) U.S. Mail Email Fax	

	Sample#	Sample ID	Date	Time	Matrix	oH	524.2						Observation
1	2	Trip	8/11/23			<2	✓						no Chlorine
2		INFL				<2	✓						
3		Inter-1				<2	✓						
4		Inter-2				<2	✓						
5		Inter-3				<2	✓						
6		EFFL				<2	✓						
7													
8													
9													
10													

Relinquished/Received By Signature	Date	Time	Delivery Method		Lab Use Only
Relinquished By: [signature]	8/11/23				Temp of Cooler <4°C
Received By:					
Relinquished By:					Ice Present (Y/N) — N circled
Received By: [signature]	8/12/23				
Relinquished By:					Custody Seal (Y/N) — Y circled
Received By:					Date of Extraction n/A

Matrix Codes: SO = Soil, GW = Ground Water, WW = Waste Water, VP = Vapor, SL = Sludge, DW = Drinking Water, 0 = Other

Special Instructions / Comments / QC Requirements:

Turn Around Time: (STD) 1 Day 2 Day 3Day Other

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**TRIP BLANK**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A010**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**TRIP BLANK**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A010**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	102	EPA 524.2
Dibromofluoromethane	%	81	EPA 524.2
Toluene-d8	%	123	EPA 524.2
Bromofluorobenzene	%	91	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A019**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	54	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	410	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	7.8	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	4.73	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	20	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A019**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	99	EPA 524.2
Dibromofluoromethane	%	80	EPA 524.2
Toluene-d8	%	127	EPA 524.2
Bromofluorobenzene	%	94	EPA 524.2

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Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 1**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A018**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	26.6	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 1**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A018**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	104	EPA 524.2
Dibromofluoromethane	%	81	EPA 524.2
Toluene-d8	%	126	EPA 524.2
Bromofluorobenzene	%	92	EPA 524.2

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ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 2**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A017**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	26.5	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 2**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A017**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	106	EPA 524.2
Dibromofluoromethane	%	83	EPA 524.2
Toluene-d8	%	125	EPA 524.2
Bromofluorobenzene	%	88	EPA 524.2

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ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 3**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A016**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**INTER 3**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A016**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	103	EPA 524.2
Dibromofluoromethane	%	83	EPA 524.2
Toluene-d8	%	123	EPA 524.2
Bromofluorobenzene	%	93	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**EFFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A015**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**EFFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A015**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	103	EPA 524.2
Dibromofluoromethane	%	82	EPA 524.2
Toluene-d8	%	125	EPA 524.2
Bromofluorobenzene	%	92	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**2907 INFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A014**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**2907 INFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A014**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	101	EPA 524.2
Dibromofluoromethane	%	83	EPA 524.2
Toluene-d8	%	125	EPA 524.2
Bromofluorobenzene	%	91	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**2907 INTER 1**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A013**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**2907 INTER 1**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A013**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	99	EPA 524.2
Dibromofluoromethane	%	82	EPA 524.2
Toluene-d8	%	127	EPA 524.2
Bromofluorobenzene	%	90	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**2907 INTER 2**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A012**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**2907 INTER 2**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A012**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	102	EPA 524.2
Dibromofluoromethane	%	81	EPA 524.2
Toluene-d8	%	125	EPA 524.2
Bromofluorobenzene	%	90	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**2907 EFFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A011**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	0.5	ug/L	ND	EPA 524.2
Chloromethane	0.5	ug/L	ND	EPA 524.2
Vinyl Chloride	0.5	ug/L	ND	EPA 524.2
Bromomethane	0.5	ug/L	ND	EPA 524.2
Chloroethane	0.5	ug/L	ND	EPA 524.2
Trichlorofluoromethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethene	0.5	ug/L	ND	EPA 524.2
tert-Butyl Alcohol (TBA)	10	ug/L	ND	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	ND	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	ND	EPA 524.2
cis-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Bromochloromethane	0.5	ug/L	ND	EPA 524.2
Chloroform	0.5	ug/L	ND	EPA 524.2
2,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Ethyl tert-Butyl Ether (EtBE)	0.5	ug/L	ND	EPA 524.2
1,2-Dichloroethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	ND	EPA 524.2
1,1,1-Trichloroethane	0.5	ug/L	ND	EPA 524.2
1,1-Dichloropropene	0.5	ug/L	ND	EPA 524.2
Carbon tetrachloride	0.5	ug/L	ND	EPA 524.2
Benzene	0.5	ug/L	ND	EPA 524.2
tert-Amyl Methyl Ether (TAME)	0.5	ug/L	ND	EPA 524.2
Dibromomethane	0.5	ug/L	ND	EPA 524.2
1,2-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Trichloroethene	0.5	ug/L	ND	EPA 524.2
Bromodichloromethane	0.5	ug/L	ND	EPA 524.2
tert-Amyl Ethyl Ether (TAEE)	0.5	ug/L	ND	EPA 524.2
cis-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
trans-1,3-Dichloropropene	0.5	ug/L	ND	EPA 524.2
1,1,2-Trichloroethane	0.5	ug/L	ND	EPA 524.2
Toluene	0.5	ug/L	ND	EPA 524.2
1,3-Dichloropropane	0.5	ug/L	ND	EPA 524.2
Dibromochloromethane	0.5	ug/L	ND	EPA 524.2
1,2-Dibromoethane	0.5	ug/L	ND	EPA 524.2
Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,1,1,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
Chlorobenzene	0.5	ug/L	ND	EPA 524.2
Ethylbenzene	0.5	ug/L	ND	EPA 524.2

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**2907 EFFLUENT**	**Project Identification:**	**HIGHS 34 2906 Churchville**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/20/2023**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**10/4/2023**	**Lab File:**	**100423A011**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	0.5	ug/L	ND	EPA 524.2
Bromoform	0.5	ug/L	ND	EPA 524.2
Styrene	0.5	ug/L	ND	EPA 524.2
o-Xylene	0.5	ug/L	ND	EPA 524.2
1,1,2,2-Tetrachloroethene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichloropropane	0.5	ug/L	ND	EPA 524.2
Isopropylbenzene	0.5	ug/L	ND	EPA 524.2
Bromobenzene	0.5	ug/L	ND	EPA 524.2
n-Propylbenzene	0.5	ug/L	ND	EPA 524.2
2-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
4-Chlorotoluene	0.5	ug/L	ND	EPA 524.2
1,3,5-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
tert-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2,4-Trimethylbenzene	0.5	ug/L	ND	EPA 524.2
sec-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,3-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,4-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dichlorobenzene	0.5	ug/L	ND	EPA 524.2
p-iso-Propyltoluene	0.5	ug/L	ND	EPA 524.2
n-Butylbenzene	0.5	ug/L	ND	EPA 524.2
1,2-Dibromo-3-chloropropane	0.5	ug/L	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2
Naphthalene	0.5	ug/L	ND	EPA 524.2
Hexachlorobutadiene	0.5	ug/L	ND	EPA 524.2
1,2,3-Trichlorobenzene	0.5	ug/L	ND	EPA 524.2

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	101	EPA 524.2
Dibromofluoromethane	%	82	EPA 524.2
Toluene-d8	%	122	EPA 524.2
Bromofluorobenzene	%	91	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**MW-1**	**Project Identification:**	**HIGHS 34**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/28/2023**	**Client Fax:**	
Extraction Date:	**9/30/2023**	**Analyst:**	**MM**
Analysis Date:	**10/3/2023**	**Lab File:**	**100323A024**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	1	ug/L	ND	EPA 8260
Chloromethane	1	ug/L	ND	EPA 8260
Vinyl Chloride	1	ug/L	ND	EPA 8260
Bromomethane	1	ug/L	ND	EPA 8260
Chloroethane	1	ug/L	ND	EPA 8260
Trichlorofluoromethane	1	ug/L	ND	EPA 8260
1,1-Dichloroethene	1	ug/L	ND	EPA 8260
tert-Butyl Alcohol (TBA)	25	ug/L	ND	EPA 8260
Methylene Chloride	1	ug/L	ND	EPA 8260
trans-1,2-Dichloroethene	1	ug/L	ND	EPA 8260
Methyl tert-Butyl Ether (MtBE)	1	ug/L	ND	EPA 8260
1,1-Dichloroethane	1	ug/L	ND	EPA 8260
Diisopropyl Ether (DIPE)	1	ug/L	ND	EPA 8260
cis-1,2-Dichloroethene	1	ug/L	ND	EPA 8260
Bromochloromethane	1	ug/L	ND	EPA 8260
Chloroform	1	ug/L	ND	EPA 8260
2,2-Dichloropropane	1	ug/L	ND	EPA 8260
Ethyl tert-Butyl Ether (EtBE)	1	ug/L	ND	EPA 8260
1,2-Dichloroethane	1	ug/L	ND	EPA 8260
tert-Amyl Alcohol (TAA)	25	ug/L	ND	EPA 8260
1,1,1-Trichloroethane	1	ug/L	ND	EPA 8260
1,1-Dichloropropene	1	ug/L	ND	EPA 8260
Carbon tetrachloride	1	ug/L	ND	EPA 8260
Benzene	1	ug/L	ND	EPA 8260
tert-Amyl Methyl Ether (TAME)	1	ug/L	ND	EPA 8260
Dibromomethane	1	ug/L	ND	EPA 8260
1,2-Dichloropropane	1	ug/L	ND	EPA 8260
Trichloroethene	1	ug/L	ND	EPA 8260
Bromodichloromethane	1	ug/L	ND	EPA 8260
tert-Amyl Ethyl Ether (TAEE)	1	ug/L	ND	EPA 8260
cis-1,3-Dichloropropene	1	ug/L	ND	EPA 8260
trans-1,3-Dichloropropene	1	ug/L	ND	EPA 8260
1,1,2-Trichloroethane	1	ug/L	ND	EPA 8260
Toluene	1	ug/L	ND	EPA 8260
1,3-Dichloropropane	1	ug/L	ND	EPA 8260
Dibromochloromethane	1	ug/L	ND	EPA 8260
1,2-Dibromoethane	1	ug/L	ND	EPA 8260
Tetrachloroethene	1	ug/L	ND	EPA 8260
1,1,1,2-Tetrachloroethene	1	ug/L	ND	EPA 8260
Chlorobenzene	1	ug/L	ND	EPA 8260
Ethylbenzene	1	ug/L	ND	EPA 8260

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**MW-1**	**Project Identification:**	**HIGHS 34**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/28/2023**	**Client Fax:**	
Extraction Date:	**9/30/2023**	**Analyst:**	**MM**
Analysis Date:	**10/3/2023**	**Lab File:**	**100323A024**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	2	ug/L	ND	EPA 8260
Bromoform	1	ug/L	ND	EPA 8260
Styrene	1	ug/L	ND	EPA 8260
o-Xylene	1	ug/L	ND	EPA 8260
1,1,2,2-Tetrachloroethane	1	ug/L	ND	EPA 8260
1,2,3-Trichloropropane	1	ug/L	ND	EPA 8260
Isopropylbenzene	1	ug/L	ND	EPA 8260
Bromobenzene	1	ug/L	ND	EPA 8260
n-Propylbenzene	1	ug/L	ND	EPA 8260
2-Chlorotoluene	1	ug/L	ND	EPA 8260
4-Chlorotoluene	1	ug/L	ND	EPA 8260
1,3,5-Trimethylbenzene	1	ug/L	ND	EPA 8260
tert-Butylbenzene	1	ug/L	ND	EPA 8260
1,2,4-Trimethylbenzene	1	ug/L	ND	EPA 8260
sec-Butylbenzene	1	ug/L	ND	EPA 8260
1,3-Dichlorobenzene	1	ug/L	ND	EPA 8260
1,4-Dichlorobenzene	1	ug/L	ND	EPA 8260
1,2-Dichlorobenzene	1	ug/L	ND	EPA 8260
p-iso-Propyltoluene	1	ug/L	ND	EPA 8260
n-Butylbenzene	1	ug/L	ND	EPA 8260
1,2-Dibromo-3-chloropropane	1	ug/L	ND	EPA 8260
1,2,4-Trichlorobenzene	1	ug/L	ND	EPA 8260
Naphthalene	1	ug/L	ND	EPA 8260
Hexachlorobutadiene	1	ug/L	ND	EPA 8260
1,2,3-Trichlorobenzene	1	ug/L	ND	EPA 8260
TPH GRO	40	ug/L	ND	EPA 8015B
TPH DRO	40	ug/L	ND	EPA 8015B

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	84	EPA 8260
Dibromofluoromethane	%	80	EPA 8260
TFT	%	73	EPA 8015B
Toluene-d8	%	93	EPA 8260
Bromofluorobenzene	%	83	EPA 8260

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**MW-2**	**Project Identification:**	**HIGHS 34**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/28/2023**	**Client Fax:**	
Extraction Date:	**9/30/2023**	**Analyst:**	**MM**
Analysis Date:	**10/3/2023**	**Lab File:**	**100323A025**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	1	ug/L	ND	EPA 8260
Chloromethane	1	ug/L	ND	EPA 8260
Vinyl Chloride	1	ug/L	ND	EPA 8260
Bromomethane	1	ug/L	ND	EPA 8260
Chloroethane	1	ug/L	ND	EPA 8260
Trichlorofluoromethane	1	ug/L	ND	EPA 8260
1,1-Dichloroethene	1	ug/L	ND	EPA 8260
tert-Butyl Alcohol (TBA)	25	ug/L	ND	EPA 8260
Methylene Chloride	1	ug/L	ND	EPA 8260
trans-1,2-Dichloroethene	1	ug/L	ND	EPA 8260
Methyl tert-Butyl Ether (MtBE)	1	ug/L	ND	EPA 8260
1,1-Dichloroethane	1	ug/L	ND	EPA 8260
Diisopropyl Ether (DIPE)	1	ug/L	ND	EPA 8260
cis-1,2-Dichloroethene	1	ug/L	ND	EPA 8260
Bromochloromethane	1	ug/L	ND	EPA 8260
Chloroform	1	ug/L	ND	EPA 8260
2,2-Dichloropropane	1	ug/L	ND	EPA 8260
Ethyl tert-Butyl Ether (EtBE)	1	ug/L	ND	EPA 8260
1,2-Dichloroethane	1	ug/L	ND	EPA 8260
tert-Amyl Alcohol (TAA)	25	ug/L	ND	EPA 8260
1,1,1-Trichloroethane	1	ug/L	ND	EPA 8260
1,1-Dichloropropene	1	ug/L	ND	EPA 8260
Carbon tetrachloride	1	ug/L	ND	EPA 8260
Benzene	1	ug/L	ND	EPA 8260
tert-Amyl Methyl Ether (TAME)	1	ug/L	ND	EPA 8260
Dibromomethane	1	ug/L	ND	EPA 8260
1,2-Dichloropropane	1	ug/L	ND	EPA 8260
Trichloroethene	1	ug/L	ND	EPA 8260
Bromodichloromethane	1	ug/L	ND	EPA 8260
tert-Amyl Ethyl Ether (TAEE)	1	ug/L	ND	EPA 8260
cis-1,3-Dichloropropene	1	ug/L	ND	EPA 8260
trans-1,3-Dichloropropene	1	ug/L	ND	EPA 8260
1,1,2-Trichloroethane	1	ug/L	ND	EPA 8260
Toluene	1	ug/L	ND	EPA 8260
1,3-Dichloropropane	1	ug/L	ND	EPA 8260
Dibromochloromethane	1	ug/L	ND	EPA 8260
1,2-Dibromoethane	1	ug/L	ND	EPA 8260
Tetrachloroethene	1	ug/L	ND	EPA 8260
1,1,1,2-Tetrachloroethene	1	ug/L	ND	EPA 8260
Chlorobenzene	1	ug/L	ND	EPA 8260
Ethylbenzene	1	ug/L	1.21	EPA 8260

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**MW-2**	**Project Identification:**	**HIGHS 34**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/28/2023**	**Client Fax:**	
Extraction Date:	**9/30/2023**	**Analyst:**	**MM**
Analysis Date:	**10/3/2023**	**Lab File:**	**100323A025**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	2	ug/L	2.34	EPA 8260
Bromoform	1	ug/L	ND	EPA 8260
Styrene	1	ug/L	ND	EPA 8260
o-Xylene	1	ug/L	ND	EPA 8260
1,1,2,2-Tetrachloroethane	1	ug/L	ND	EPA 8260
1,2,3-Trichloropropane	1	ug/L	ND	EPA 8260
Isopropylbenzene	1	ug/L	10.4	EPA 8260
Bromobenzene	1	ug/L	ND	EPA 8260
n-Propylbenzene	1	ug/L	8.11	EPA 8260
2-Chlorotoluene	1	ug/L	ND	EPA 8260
4-Chlorotoluene	1	ug/L	ND	EPA 8260
1,3,5-Trimethylbenzene	1	ug/L	1.23	EPA 8260
tert-Butylbenzene	1	ug/L	ND	EPA 8260
1,2,4-Trimethylbenzene	1	ug/L	3.41	EPA 8260
sec-Butylbenzene	1	ug/L	13.8	EPA 8260
1,3-Dichlorobenzene	1	ug/L	ND	EPA 8260
1,4-Dichlorobenzene	1	ug/L	ND	EPA 8260
1,2-Dichlorobenzene	1	ug/L	ND	EPA 8260
p-iso-Propyltoluene	1	ug/L	2.83	EPA 8260
n-Butylbenzene	1	ug/L	10.1	EPA 8260
1,2-Dibromo-3-chloropropane	1	ug/L	ND	EPA 8260
1,2,4-Trichlorobenzene	1	ug/L	ND	EPA 8260
Naphthalene	1	ug/L	6.6	EPA 8260
Hexachlorobutadiene	1	ug/L	ND	EPA 8260
1,2,3-Trichlorobenzene	1	ug/L	ND	EPA 8260
TPH GRO	40	ug/L	465	EPA 8015B
TPH DRO	40	ug/L	ND	EPA 8015B

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	84	EPA 8260
Dibromofluoromethane	%	81	EPA 8260
TFT	%	75	EPA 8015B
Toluene-d8	%	92	EPA 8260
Bromofluorobenzene	%	82	EPA 8260

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**MW-7**	**Project Identification:**	**HIGHS 34**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/28/2023**	**Client Fax:**	
Extraction Date:	**9/30/2023**	**Analyst:**	**MM**
Analysis Date:	**10/3/2023**	**Lab File:**	**100323A026**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
Dichlorodifluoromethane	1	ug/L	ND	EPA 8260
Chloromethane	1	ug/L	ND	EPA 8260
Vinyl Chloride	1	ug/L	ND	EPA 8260
Bromomethane	1	ug/L	ND	EPA 8260
Chloroethane	1	ug/L	ND	EPA 8260
Trichlorofluoromethane	1	ug/L	ND	EPA 8260
1,1-Dichloroethene	1	ug/L	ND	EPA 8260
tert-Butyl Alcohol (TBA)	25	ug/L	ND	EPA 8260
Methylene Chloride	1	ug/L	ND	EPA 8260
trans-1,2-Dichloroethene	1	ug/L	ND	EPA 8260
Methyl tert-Butyl Ether (MtBE)	1	ug/L	ND	EPA 8260
1,1-Dichloroethane	1	ug/L	ND	EPA 8260
Diisopropyl Ether (DIPE)	1	ug/L	ND	EPA 8260
cis-1,2-Dichloroethene	1	ug/L	ND	EPA 8260
Bromochloromethane	1	ug/L	ND	EPA 8260
Chloroform	1	ug/L	ND	EPA 8260
2,2-Dichloropropane	1	ug/L	ND	EPA 8260
Ethyl tert-Butyl Ether (EtBE)	1	ug/L	ND	EPA 8260
1,2-Dichloroethane	1	ug/L	ND	EPA 8260
tert-Amyl Alcohol (TAA)	25	ug/L	ND	EPA 8260
1,1,1-Trichloroethane	1	ug/L	ND	EPA 8260
1,1-Dichloropropene	1	ug/L	ND	EPA 8260
Carbon tetrachloride	1	ug/L	ND	EPA 8260
Benzene	1	ug/L	ND	EPA 8260
tert-Amyl Methyl Ether (TAME)	1	ug/L	ND	EPA 8260
Dibromomethane	1	ug/L	ND	EPA 8260
1,2-Dichloropropane	1	ug/L	ND	EPA 8260
Trichloroethene	1	ug/L	ND	EPA 8260
Bromodichloromethane	1	ug/L	ND	EPA 8260
tert-Amyl Ethyl Ether (TAEE)	1	ug/L	ND	EPA 8260
cis-1,3-Dichloropropene	1	ug/L	ND	EPA 8260
trans-1,3-Dichloropropene	1	ug/L	ND	EPA 8260
1,1,2-Trichloroethane	1	ug/L	ND	EPA 8260
Toluene	1	ug/L	ND	EPA 8260
1,3-Dichloropropane	1	ug/L	ND	EPA 8260
Dibromochloromethane	1	ug/L	ND	EPA 8260
1,2-Dibromoethane	1	ug/L	ND	EPA 8260
Tetrachloroethene	1	ug/L	ND	EPA 8260
1,1,1,2-Tetrachloroethene	1	ug/L	ND	EPA 8260
Chlorobenzene	1	ug/L	ND	EPA 8260
Ethylbenzene	1	ug/L	ND	EPA 8260

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

Laboratory Services *1751 Pulaski Highway, Havre de Grace, MD 21078 Phone:410-939-5550 Fax:410-939-5552*

Certificate of Analysis

Sample Identification:	**MW-7**	**Project Identification:**	**HIGHS 34**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**9/20/2023**	**Client Telephone:**	
Date Received:	**9/28/2023**	**Client Fax:**	
Extraction Date:	**9/30/2023**	**Analyst:**	**MM**
Analysis Date:	**10/3/2023**	**Lab File:**	**100323A026**

COMPOUND	DETECTION LIMIT	TEST UNIT	TEST VALUE	METHOD
m&p-Xylene	2	ug/L	ND	EPA 8260
Bromoform	1	ug/L	ND	EPA 8260
Styrene	1	ug/L	ND	EPA 8260
o-Xylene	1	ug/L	ND	EPA 8260
1,1,2,2-Tetrachloroethane	1	ug/L	ND	EPA 8260
1,2,3-Trichloropropane	1	ug/L	ND	EPA 8260
Isopropylbenzene	1	ug/L	ND	EPA 8260
Bromobenzene	1	ug/L	ND	EPA 8260
n-Propylbenzene	1	ug/L	ND	EPA 8260
2-Chlorotoluene	1	ug/L	ND	EPA 8260
4-Chlorotoluene	1	ug/L	ND	EPA 8260
1,3,5-Trimethylbenzene	1	ug/L	ND	EPA 8260
tert-Butylbenzene	1	ug/L	ND	EPA 8260
1,2,4-Trimethylbenzene	1	ug/L	ND	EPA 8260
sec-Butylbenzene	1	ug/L	ND	EPA 8260
1,3-Dichlorobenzene	1	ug/L	ND	EPA 8260
1,4-Dichlorobenzene	1	ug/L	ND	EPA 8260
1,2-Dichlorobenzene	1	ug/L	ND	EPA 8260
p-iso-Propyltoluene	1	ug/L	ND	EPA 8260
n-Butylbenzene	1	ug/L	ND	EPA 8260
1,2-Dibromo-3-chloropropane	1	ug/L	ND	EPA 8260
1,2,4-Trichlorobenzene	1	ug/L	ND	EPA 8260
Naphthalene	1	ug/L	ND	EPA 8260
Hexachlorobutadiene	1	ug/L	ND	EPA 8260
1,2,3-Trichlorobenzene	1	ug/L	ND	EPA 8260
TPH GRO	40	ug/L	ND	EPA 8015B
TPH DRO	40	ug/L	ND	EPA 8015B

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	87	EPA 8260
Dibromofluoromethane	%	82	EPA 8260
TFT	%	76	EPA 8015B
Toluene-d8	%	92	EPA 8260
Bromofluorobenzene	%	81	EPA 8260

ADVANCED ENVIRONMENTAL CONCEPTS, INC.
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www.AECEnviro.com

Chain of Custody Record

Page__ of __

Client: CIFCO	Project Name: H-34	SDG#
Address: 18 Loveton Circle Sparks, MD	Project Location: 2906 Churchville Rd.	Preservatives
	Phone: Fax:	Requested Analysis
Contact:	Email:	Observation
Sample By:	Receive Completed Report Via (Circle One) U.S. Mail Email Fax	

	Sample#	Sample ID	Date	Time	Matrix	pH	524.2						Observation
1	1	Trip	9/20/23		O	<2	/						no Chlorine
2	2	INFL	↓		DW	<2	/						
3		Inter-1			↓	<2	/						
4		Inter-2				<2	/						
5		Inter-3				<2	/						
6		EFFL				<2	/						
7		2907 INFL				<2	/						
8		2907 Inter-1				<2	/						
9		2907 Inter-2				<2	/						
10		2907 EFFL				<2	/						

Relinquished/Received By Signature	Date	Time	Delivery Method	
Relinquished By: [signature]				
Received By:				
Relinquished By:				
Received By: [signature]	9/20/23			
Relinquished By:				
Received By:				

Lab Use Only

Temp of Cooler <4°C

Ice Present (Y/N) — Y circled

Custody Seal (Y/N) — Y circled

Date of Extraction n/a

Matrix Codes: SO = Soil, GW = Ground Water, WW = Waste Water, VP = Vapor, SL = Sludge, DW = Drinking Water, 0 = Other

Special Instructions / Comments / QC Requirements:

Turn Around Time: (STD) 1 Day 2 Day 3Day Other

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Chain of Custody Record

Page__ of__

Client: CIFCO			Project Name: H-34				SDG#	
Address: 18 Loveton Circle Sparks MD			Project Location: 2906 Churchville Rd.				Preservatives	
			Phone: Fax:				Requested Analysis	Observation
Contact:			Email:				8260 8015	
Sample By:			Receive Completed Report Via (Circle One) U.S. Mail Email Fax					
	Sample#	Sample ID	Date	Time	Matrix	pH		
1	2	MW-1	9/20/23		GW			
2		MW-2	↓		↓			
3		MW-7	↓		↓			
4								
5								
6								
7								
8								
9								
10								

Relinquished/Received By Signature	Date	Time	Delivery Method
Relinquished By:			
Received By:			
Relinquished By:			
Received By:	9/22/23		
Relinquished By:			
Received By:			

Matrix Codes: SO = Soil, GW = Ground Water, WW = Waste Water, VP = Vapor, SL = Sludge, OW = Drinking Water, O = Other

Special Instructions / Comments / QC Requirements:

Lab Use Only

Temp of Cooler < 4°c

Ice Present (Y/N)

Custody Seal (Y/N)

Date of Extraction 9/30/23

Turn Around Time: (STD) 1 Day 2 Day 3 Day Other