Advanced Environmental Concepts, Inc.

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Q1 2025 Report of Monitoring Well, Domestic Supply Well Sampling

Site Location:
Carroll Motor Fuels (CMF)
Former Highs Store #34
2906 Churchville Rd
Churchville, MD 21028

Facility I.D. No. 3851

Prepared For:
Mr. Herb Meade
Carroll Motor Fuels
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April 16, 2025

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 former High's Dairy Store #34 now Carroll Motor Fuel 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 02/07/2025 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, MW-7. Groundwater samples collected on 02/07/2025 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 01/13/2025, 02/07/2025 and 03/28/2025 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 02/07/2025 sampling was performed from the off-site's domestic supply well POET system servicing 2907Churchville Rd. Churchville, MD and the POET system servicing the site.

3.0 Results of Groundwater Sampling

3.1 Groundwater Elevation

Relative groundwater elevation data collected during the 02/07/2025 sampling and gauging event ranged from 80.93 (highest) in MW-8 to 77.13 feet in MW-7 (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 02/07/2025 from TF-1, TF-2, MW-2 and MW-7.

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 from all sample ports of the site's POET system servicing the site (2906 Churchville Rd.) in Q1, 2025.

Concentrations of volatile organic compounds (VOCs) were not detected in the influent water samples collected from the POET system at 2907 Churchville Rd.

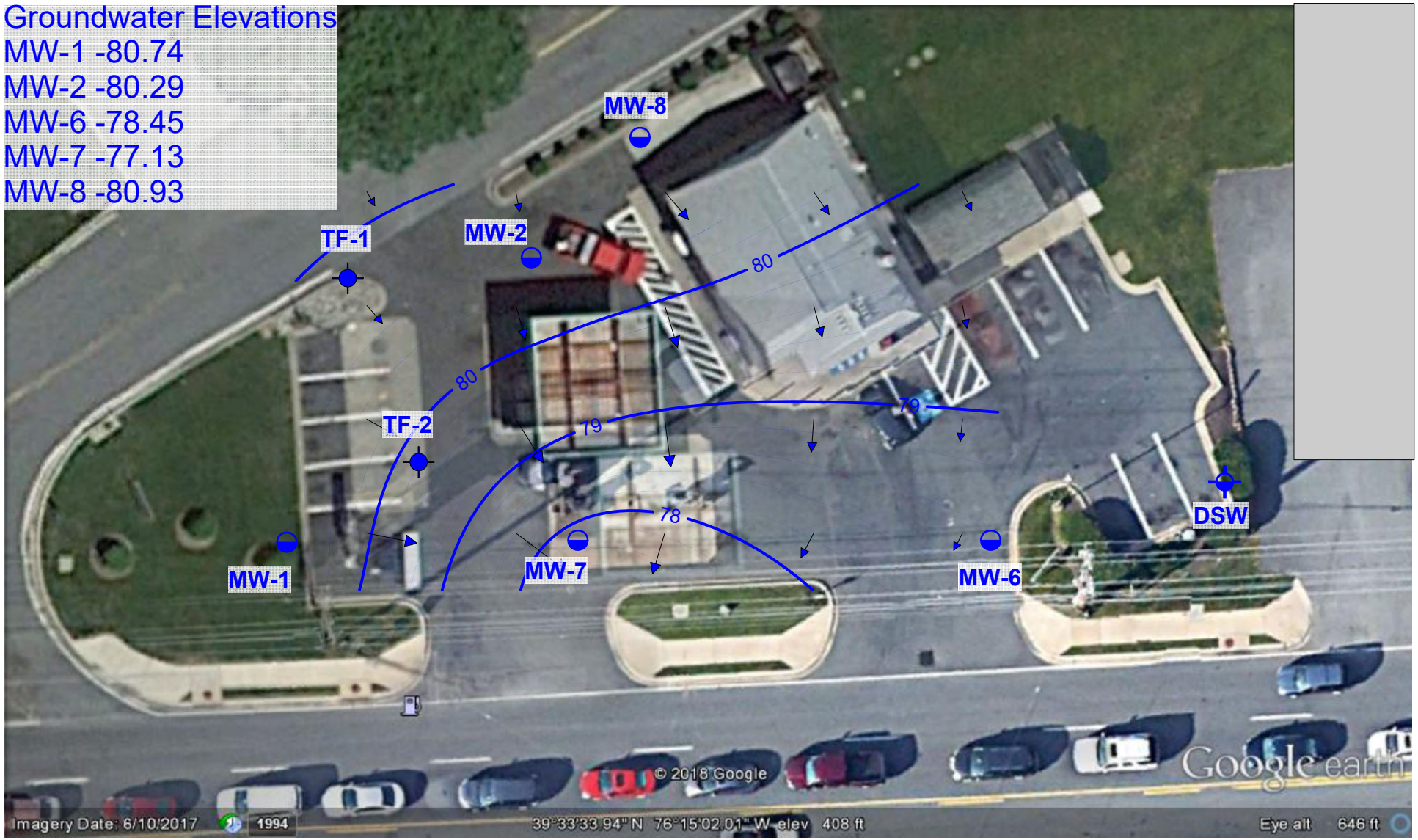
A Quick Reference Groundwater Sampling Summary Table which summarizes current and historical groundwater sampling analytical results can be found in Attachment B. A full Report of Analysis and Chain of Custody Record can be found in Attachment C.

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 Carroll Motor Fuels (CMF) 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.

Attachment A
Site Maps



AEC
Advanced Environmental Concepts, Inc.

Carroll Motor Fuels(CMF)
2906 Churchville, Rd
Churchville, MD 21028

Groundwater Contour Elevation Map
Febuary 2025
0.2 ft Contour

Attachment B
Groundwater Gauging & Analytical Tables

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

MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
	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
97.36	12/15/2023	ND	14.13	ND	83.23
	4/12/2024	ND	7.63	ND	89.73
	5/8/2024	ND	10.82	ND	86.54
	8/6/2024	ND	14.31	ND	83.05
	12/3/2024	ND	13.87	ND	83.49
	2/10/2025	ND	16.62	ND	80.74

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

MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
	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
94.84	12/15/2023	ND	12.16	ND	82.68
	4/12/2024	ND	5.75	ND	89.09
	5/8/2024	ND	9.67	ND	85.17
	8/6/2024	ND	12.33	ND	82.51
	12/3/2024	ND	11.92	ND	82.92
	2/10/2025	ND	14.55	ND	80.29
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

MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
	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
94.38	12/15/2023	ND	11.19	ND	83.19
	4/12/2024	ND	7.74	ND	86.64
	5/8/2024	ND	5.33	ND	89.05
	8/6/2024	ND	8.86	ND	85.52
	12/3/2024	ND	8.33	ND	86.05
	2/10/2025	ND	15.93	ND	78.45

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

MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
	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
93.44	12/15/2023	ND	11.00	ND	82.44
	4/12/2024	ND	7.87	ND	85.57
	5/8/2024	ND	7.69	ND	85.75
	8/6/2024	ND	10.40	ND	83.04
	12/3/2024	ND	9.91	ND	83.53
	2/10/2025	ND	16.31	ND	77.13

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

MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
	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
96.15	12/15/2023	ND	11.94	ND	84.21
	4/12/2024	ND	8.19	ND	87.96
	5/8/2024	ND	8.80	ND	87.35
	8/6/2024	ND	12.07	ND	84.08
	12/3/2024	ND	11.89	ND	84.26
	2/10/2025	ND	15.22	ND	80.93

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

MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
	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
	12/15/2023	ND	12.88	ND	NA
	4/12/2024	ND	9.03	ND	NA
	5/8/2024	ND	9.97	ND	NA
	8/6/2024	ND	13.88	ND	NA
	12/3/2024	ND	13.25	ND	NA
	2/10/2025	ND	14.75	ND	NA

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

MW ID	Date	Depth to Product	Depth to Groundwater (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
	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
	12/15/2023	ND	12.96	ND	NA
	4/12/2024	ND	9.1	ND	NA
	5/8/2024	ND	10.03	ND	NA
	8/6/2024	ND	14.12	ND	NA
	12/3/2024	ND	13.95	ND	NA
	2/10/2025	ND	14.67	ND	NA

*Data on these dates provided by previous consultant

ND = Not Detected

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
MW-1	07/09/2005	ND	ND	ND	ND	ND		NS	NS
MW-1	02/03/2006	ND	ND	ND	ND	ND		NS	NS
MW-1	07/11/2006	ND	ND	ND	ND	ND		NS	NS
MW-1	01/31/2007	ND	ND	ND	ND	ND		NS	NS
MW-1	04/17/2007	ND	ND	ND	ND	ND		ND	ND
MW-1	07/30/2007	ND	ND	ND	ND	ND		ND	ND
MW-1	11/02/2007	ND	ND	ND	ND	ND		ND	ND
MW-1	01/29/2008	ND	11	ND	5.3	370		ND	ND
MW-1	03/27/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	06/25/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	09/29/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	12/30/2008	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	03/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	06/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	09/30/2009	BDL	7	BDL	8.1	BDL		BDL	BDL
MW-1	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	03/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	06/18/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	08/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	12/15/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	01/03/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	05/20/2011	BDL	BDL	BDL	BDL	6.2		BDL	BDL
MW-1	08/31/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	11/29/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	02/08/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	02/28/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	06/11/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	08/05/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	01/03/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	05/23/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	08/20/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	11/14/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	02/18/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	05/08/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	05/15/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	10/11/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	05/11/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	07/05/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	08/19/2015	BDL	BDL	BDL	BDL	BDL		0.162	BDL
MW-1	09/02/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	08/23/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	11/02/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	11/14/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	12/05/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	07/02/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	08/22/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	11/05/2017	BDL	BDL	BDL	BDL	BDL		0.26	BDL
MW-1	11/14/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-1	02/22/2018	<2.0	<2.0	<2.0	<4.0	<2.0		<0.100	<0.19
MW-1	08/20/2018	ND	ND	ND	ND	ND		ND	ND
MW-1	11/05/2018	ND	ND	ND	ND	ND		ND	ND
MW-1	03/07/2019	ND	ND	ND	ND	ND		ND	ND
MW-1	06/14/2019	<5	<5	<5	<5	<5		<100	<500
MW-1	09/04/2019	<5	<5	<5	<5	<5		<100	<500
MW-1	12/09/2019	<5	<5	<5	<5	<5		<100	<500
MW-1	03/24/2020	<5	<5	<5	<5	<5		<100	<500
MW-1	06/01/2020	<5	<5	<5	<5	<5		<100	<500
MW-1	09/22/2020	<5	<5	<5	<5	<5	<50	<100	<500
MW-1	12/18/2020	<1	<1	<1	<3	<1	<25	<100	<500
MW-1	03/17/2021	<1	<1	<1	<2	<1	<25	<100	<500
MW-1	06/21/2021	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	09/13/2021	<1	<1	<1	<2	<1	<25	<40	<40

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
MW-1	12/09/2021	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	03/18/2022	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	06/21/2022	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	09/30/2022	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	12/16/2022	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	03/14/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	06/23/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	09/20/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	12/15/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	04/12/2024	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	05/08/2024	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	08/06/2024	<1	<1	<1	<2	<1	<25	<40	<40
MW-1	11/27/2024	<1	<1	<1	<1	<1	<25	<40	<40
MW-1	02/07/2025	<1	<1	<1	<2	<1	<25	<40	<40

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
MW-2	09/07/2005	160	13	87	160	2600		NS	NS
MW-2	03/02/2006	320	27	270	520	860		NS	NS
MW-2	11/07/2006	134	17	172	328	930		NS	NS
MW-2	01/31/2007	190	12	140	210	800		NS	NS
MW-2	02/11/2007	155	14	120	280	900		7.4	3.3
MW-2	04/17/2007	132	11	87	173	870		5.1	0.7
MW-2	07/30/2007	700	63	450	810	3200		8.2	BDL
MW-2	01/29/2008	54	BDL	60	134	10000		3.6	35.6
MW-2	03/27/2008	73	9.9	29	136	160		2.5	1.4
MW-2	06/25/2008	160	34	140	290	1100		5.2	0.9
MW-2	09/29/2008	160	12	120	220	2300		3.9	4.3
MW-2	12/30/2008	92	11	74	163	1000		6	12
MW-2	03/30/2009	84	BDL	60	84	1400		2	3.4
MW-2	06/30/2009	140	12	90	164	720		1.2	2
MW-2	09/30/2009	150	50	200	510	1200		4.7	5.4
MW-2	12/29/2009	70	11	130	260	510		2	4.1
MW-2	03/25/2010	57	90	5.6	161	800		3.3	2.6
MW-2	06/18/2010	130	15	130	234	1000		3.3	12
MW-2	08/31/2010	2580	17	170	295	980		1.4	18
MW-2	12/15/2010	54	BDL	56	75	BDL		1.5	0.5
MW-2	01/03/2011	69	16	100	241	BDL		3.5	3.8
MW-2	05/20/2011	82	12	130	215	BDL		3.1	2.9
MW-2	08/31/2011	59.1	BDL	88.8	193.9	481		10.6	4.79
MW-2	11/29/2011	21.5	BDL	81.1	124.6	168		1.3	2.88
MW-2	02/08/2012	85.7	BDL	105	164.9	558		3.65	4.84
MW-2	02/28/2012	56	8.0 J	76.6	168.3	341		3.41	4.07
MW-2	06/11/2012	BDL	34.1J	45.2	87.3	370		2.64	3.09
MW-2	08/05/2012	86.6	BDL	101	158	479		3.69	2.84
MW-2	01/03/2013	17	BDL	36	53	320		3.6	BDL
MW-2	05/23/2013	49.7	9.4	94.4	148.8	324		1.99	3.94
MW-2	08/20/2013	32.5	7.9	79.9	180	261		1.75	4.04
MW-2	11/14/2013	45.6	6.4 J	107	143.4	344		4.93	3.78
MW-2	02/18/2014	32.9	9.4 J	111	263	224		2.16	5.84
MW-2	05/08/2014	29.7	4.2 J	43.4	33.1	172		3.33	4.91
MW-2	05/15/2014	27.1	8.7	97.1	223	187		2.54	5.48
MW-2	10/11/2014	27.6	4.1 J	88.9	163.8	201		1.53	4.51
MW-2	05/11/2015	22.7	4.1 J	92.7	157.6	97.1		5.43	4.44
MW-2	07/05/2015	15.1	5.1 J	63	110.4	97.7		2.64	4.48
MW-2	08/19/2015	19.3	BDL	74	110.2	119		2.41	4.23
MW-2	09/02/2015	16.7	6.5 J	79	170.3	104		1.77	4.54
MW-2	08/23/2016	19.1	3.0 J	96	144.8	128		4.87	3.62
MW-2	11/02/2016	10	3.3 J	74	152	59.4		4.24	2.57
MW-2	11/14/2016	7.9	BDL	26.4	21.8 J	123		1.95	2.89
MW-2	12/05/2016	17.4	3.9 J	126	247.7	77.1		4.52	4.5
MW-2	07/02/2017	2.4 J	BDL	10.8	16.5	103		1.68	2.9
MW-2	08/22/2017	8	BDL	35.2	44.6	74.6		2.19	3.32
MW-2	11/05/2017	8.6	3.0 J	39.9	63.6	79.2		1.5	2.52
MW-2	11/14/2017	8.4	BDL	34.4	38.1	85.2		2.13	4.16
MW-2	02/22/2018	3.3 J	<2.0	13.3	29.6	71.4		1.91	2.81
MW-2	08/20/2018	ND	ND	37.9	58.5	44.9	375	2100	ND
MW-2	11/05/2018	ND	ND	33.8	50	21.2	118	1550	ND
MW-2	03/07/2019	ND	ND	7.99	37.6	20.6	110	1370	ND
MW-2	06/14/2019	<5	<5	48.3	84.3	22.1	104	1960	<500
MW-2	09/04/2019	<5	<5	45.2	53.1	69.2	617	1850	<500
MW-2	12/09/2019	<5	<5	13.3	10.4	28.8	58.4	1450	<500
MW-2	03/24/2020	<5	<5	25.4	46.6	16.1	88.6	1660	<500
MW-2	06/01/2020	<5	<5	39.3	73.5	10.1	57.3	1740	<500
MW-2	09/22/2020	<5	<5	11.8	31.4	15.1	85.8	1270	<500
MW-2	12/18/2020	<1	<1	16.8	38	9.38	<25	620	<500
MW-2	03/17/2021	1.83	<1	13.7	24.9	14.2	<25	810	<40
MW-2	06/21/2021	<1	<1	19.4	41.5	4.14	<25	790	<40
MW-2	09/13/2021	<1	<1	4.22	7.96	5.93	<25	230	<40
MW-2	12/09/2021	<1	<1	6.62	7.77	10.3	<25	690	<40

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
MW-2	03/18/2022	1.03	<1	12.7	28.52	5.44	<25	1060	<40
MW-2	06/21/2022	<1	<1	<1	<2	<1	<25	50.8	<40
MW-2	09/30/2022	<1	<1	1.99	<2	<1	<25	224	<40
MW-2	12/16/2022	<1	<1	<1	<2	<1	<25	50.2	<40
MW-2	03/14/2023	1.3	<1	15.5	34.4	<1	<25	710	<40
MW-2	06/23/2023	<1	<1	4.83	3.59	<1	<25	555	<40
MW-2	09/20/2023	<1	<1	1.21	2.34	<1	<25	465	<40
MW-2	12/15/2023	<1	<1	<1	<2	<1	<25	535	<40
MW-2	04/12/2024	<1	<1	11.1	30.2	<1	<25	525	<40
MW-2	05/08/2024	<1	<1	7.84	16.09	<1	<25	710	<40
MW-2	08/06/2024	<1	<1	1.89	3.21	<1	<25	610	<40
MW-2	11/27/2024	<1	<1	<1	<1	<1	<25	580	<40
MW-2	02/07/2025	<1	<1	<1	<2	3.4	<25	370	<40

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
MW-6	06/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	09/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	03/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	06/18/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	08/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	12/15/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	01/03/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	05/20/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	08/31/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	11/29/2011	BDL	BDL	BDL	BDL	BDL		BDL	0.23
MW-6	02/08/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	02/28/2012	BDL	BDL	BDL	BDL	BDL		BDL	0.29
MW-6	06/11/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	08/05/2012	BDL	BDL	BDL	BDL	BDL		BDL	1.3
MW-6	01/03/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	05/23/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	08/20/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	11/14/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	02/18/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	05/08/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	05/15/2014	BDL	BDL	BDL	BDL	BDL		BDL	0.22
MW-6	10/11/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	05/11/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	07/05/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	08/19/2015	BDL	BDL	BDL	BDL	BDL		BDL	0.47
MW-6	09/02/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	08/23/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	11/02/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	11/14/2016	BDL	BDL	BDL	BDL	BDL		BDL	0.2
MW-6	12/05/2016	BDL	BDL	BDL	BDL	BDL		0.147	BDL
MW-6	07/02/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	08/22/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	11/05/2017	BDL	BDL	BDL	BDL	BDL		BDL	1.27
MW-6	11/14/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-6	02/22/2018	<2.0	<2.0	<2.0	<4.0	<2.0		<0.100	<0.18
MW-6	08/20/2018	ND	ND	ND	ND	ND		ND	ND
MW-6	11/05/2018	ND	ND	ND	ND	ND		ND	ND
MW-6	03/07/2019	ND	ND	ND	ND	ND		ND	ND
MW-6	06/14/2019	<5	<5	<5	<5	<5		<100	<500
MW-6	09/04/2019	<5	<5	<5	<5	<5		<100	<500
MW-6	12/09/2019	<5	<5	<5	<5	<5		<100	<500
MW-6	03/24/2020	<5	<5	<5	<5	<5		<100	<500
MW-6	06/01/2020	<5	<5	<5	<5	<5		<100	<500
MW-6	09/22/2020	<5	<5	<5	<5	<5	<50	<100	<500
MW-6	12/18/2020	<1	<1	<1	<2	<1	<25	<100	<500
MW-6	06/21/2021	<1	<1	<1	<2	<1	<25	<40	<40
MW-6	12/09/2021	<1	<1	<1	<2	<1	<25	<40	<40
MW-6	03/18/2022	<1	<1	<1	<2	<1	<25	<40	<40
MW-6	06/21/2022	<1	<1	<1	<2	<1	<25	<40	<40
MW-6	12/16/2022	<1	<1	<1	<2	<1	<25	<40	<40
MW-6	06/16/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-6	09/20/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-6	12/15/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-6	05/08/2024	<1	<1	<1	<2	<1	<25	<40	<40
MW-6	11/27/2024	<1	<1	<1	<1	<1	<25	<40	<40

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
MW-7	06/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-7	09/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-7	12/29/2009	BDL	BDL	BDL	BDL	80		BDL	BDL
MW-7	03/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-7	06/18/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-7	08/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-7	12/15/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-7	01/03/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-7	05/20/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-7	08/31/2011	9.2	BDL	2.0 J	6.0 J	BDL		BDL	0.43
MW-7	11/29/2011	BDL	BDL	BDL	BDL	BDL		BDL	0.3
MW-7	02/08/2012	BDL	BDL	BDL	BDL	3.9 J		BDL	0.61
MW-7	02/28/2012	BDL	BDL	BDL	BDL	4.8 J		BDL	0.55
MW-7	06/11/2012	BDL	BDL	BDL	BDL	5.8		BDL	0.49
MW-7	08/05/2012	BDL	BDL	BDL	BDL	4.6 J		BDL	0.28
MW-7	01/03/2013	BDL	BDL	BDL	BDL	14		BDL	BDL
MW-7	05/23/2013	BDL	BDL	BDL	BDL	10.2		BDL	0.47
MW-7	08/20/2013	BDL	BDL	BDL	BDL	16.2		BDL	0.46
MW-7	11/14/2013	BDL	BDL	BDL	BDL	14.1		BDL	0.4
MW-7	02/18/2014	BDL	BDL	BDL	BDL	11.3		BDL	0.68
MW-7	05/08/2014	BDL	BDL	BDL	BDL	16.9		BDL	0.36
MW-7	05/15/2014	BDL	BDL	BDL	BDL	14		BDL	0.69
MW-7	10/11/2014	BDL	BDL	BDL	BDL	28.5		BDL	0.55
MW-7	05/11/2015	BDL	BDL	BDL	BDL	28.8		BDL	0.48
MW-7	07/05/2015	BDL	BDL	BDL	BDL	21.8		BDL	0.51
MW-7	08/19/2015	BDL	BDL	BDL	BDL	31.8		BDL	0.68
MW-7	09/02/2015	BDL	BDL	BDL	BDL	7.6		BDL	0.48
MW-7	08/23/2016	BDL	BDL	BDL	BDL	29.2		0.165	0.43
MW-7	11/02/2016	BDL	BDL	BDL	BDL	45.6		0.192	BDL
MW-7	11/14/2016	BDL	BDL	BDL	BDL	33.7		BDL	0.55
MW-7	12/05/2016	BDL	BDL	BDL	BDL	41		0.15	0.27
MW-7	07/02/2017	BDL	BDL	BDL	BDL	36.4		1.02	0.51
MW-7	08/22/2017	BDL	BDL	BDL	BDL	46		0.107	BDL
MW-7	11/05/2017	BDL	BDL	BDL	BDL	56.3		0.145	0.42
MW-7	11/14/2017	BDL	BDL	BDL	BDL	46.4		0.102	0.46
MW-7	02/22/2018	<2.0	<2.0	<2.0	<4.0	51.1		107	0.44
MW-7	08/20/2018	ND	ND	ND	ND	ND	ND	ND	ND
MW-7	11/05/2018	ND	ND	ND	ND	ND	ND	ND	ND
MW-7	03/07/2019	ND	ND	ND	ND	84.5	ND	130	ND
MW-7	06/14/2019	<5	5.16	<5	<5	82.5	134	290	<500
MW-7	09/04/2019	9.03	<5	<5	<5	112	340	670	<500
MW-7	12/09/2019	15.8	<5	<5	<5	91.1	61.8	230	<500
MW-7	03/24/2020	<5	<5	<5	<5	130	50.3	210	<500
MW-7	06/01/2020	<5	<5	<5	<5	150	224	540	<500
MW-7	09/22/2020	<5	<5	<5	<5	236	370	760	<500
MW-7	12/18/2020	<1	<1	<1	<3	186	34.3	270	<500
MW-7	03/17/2021	<1	<1	<1	<2	199	26.5	280	<40
MW-7	06/21/2021	<1	<1	<1	<2	<1	<25	<40	<40
MW-7	09/13/2021	<1	<1	<1	<2	<1	<25	<40	<40
MW-7	12/09/2021	<1	<1	<1	<2	<1	<25	<40	<40
MW-7	06/21/2022	<1	<1	<1	<2	<1	<25	<40	<40
MW-7	09/30/2022	<1	<1	<1	<2	<1	<25	<40	<40
MW-7	12/16/2022	<1	<1	<1	<2	<1	<25	<40	<40
MW-7	03/14/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-7	06/16/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-7	09/20/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-7	12/15/2023	<1	<1	<1	<2	<1	<25	<40	<40
MW-7	04/12/2024	4.26	<1	<1	<2	116	<25	145	<40
MW-7	05/08/2024	<1	<1	<1	<2	58.6	<25	<40	<40
MW-7	08/06/2024	<1	<1	<1	<2	8.19	<25	<40	<40
MW-7	11/27/2024	<1	<1	<1	<1	5.6	<25	<40	<40
MW-7	02/07/2025	<1	<1	<1	<2	22.7	<25	<40	<40

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
MW-8	06/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	09/30/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	03/25/2010	BDL	BDL	BDL	17.7	BDL		BDL	BDL
MW-8	06/18/2010	BDL	BDL	BDL	17.7	BDL		BDL	BDL
MW-8	08/31/2010	BDL	5	BDL	BDL	BDL		BDL	BDL
MW-8	12/15/2010	BDL	5	BDL	BDL	BDL		BDL	BDL
MW-8	01/03/2011	BDL	5	BDL	BDL	36		BDL	BDL
MW-8	05/20/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	08/31/2011	BDL	BDL	BDL	BDL	BDL		BDL	0.22
MW-8	11/29/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	02/08/2012	BDL	BDL	BDL	BDL	BDL		BDL	0.22
MW-8	02/28/2012	BDL	BDL	BDL	BDL	BDL		BDL	0.23
MW-8	06/11/2012	BDL	BDL	BDL	BDL	BDL		BDL	0.2
MW-8	08/05/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	01/03/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	05/23/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	08/20/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	11/14/2013	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	02/18/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	05/08/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	05/15/2014	BDL	BDL	BDL	BDL	BDL		BDL	0.2
MW-8	10/11/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	05/11/2015	BDL	BDL	BDL	BDL	BDL		BDL	0.38
MW-8	07/05/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	08/19/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	09/02/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	08/23/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	11/02/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	11/14/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	12/05/2016	BDL	BDL	BDL	BDL	BDL		BDL	0.22
MW-8	07/02/2017	BDL	BDL	BDL	BDL	BDL		BDL	0.23
MW-8	08/22/2017	BDL	BDL	BDL	BDL	BDL		BDL	0.46
MW-8	11/05/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	11/14/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
MW-8	02/22/2018	<2.0	<2.0	<2.0	<4.0	<2.0		<0.100	<0.19
MW-8	08/20/2018	No Access to well							
MW-8	11/05/2018	ND	ND	ND	ND	ND		ND	ND
MW-8	03/07/2019	ND	ND	ND	ND	ND		ND	ND
MW-8	06/14/2019	<5	22.8	<5	<5	<5		<100	<500
MW-8	09/04/2019	<5	<5	<5	<5	<5		<100	<500
MW-8	12/09/2019	<5	<5	<5	<5	<5		<100	<500
MW-8	03/24/2020	<5	<5	<5	<5	<5		<100	<500
MW-8	06/01/2020	<5	<5	<5	<5	<5		<100	<500
MW-8	09/22/2020	<5	<5	<5	<5	<5	<50	<100	<500
MW-8	12/18/2020	<1	<1	17.2	38.6	8.88	<25	670	<500
MW-8	06/21/2021	<1	<1	<1	<1	<1	<25	<40	<40
MW-8	12/09/2021	<1	<1	<1	<1	<1	<25	<40	<40
MW-8	06/21/2022	<1	<1	<1	<1	<1	<25	<40	<40
MW-8	12/16/2022	<1	<1	<1	<1	<1	<25	<40	<40
MW-8	06/16/2023	<1	<1	<1	<1	<1	<25	<40	<40
MW-8	09/20/2023	<1	<1	<1	<1	<1	<25	<40	<40
MW-8	12/15/2023	<1	<1	<1	<1	<1	<25	<40	<40
MW-8	05/08/2024	<1	<1	<1	<1	<1	<25	<40	<40
MW-8	11/27/2024	<1	<1	<1	<1	<1	<25	<40	<40

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
TF-1	03/30/2006	NS	NS	NS	NS	NS		NS	NS
TF-1	11/07/2006	NS	NS	NS	NS	NS		NS	NS
TF-1	01/31/2007	NS	NS	NS	NS	NS		NS	NS
TF-1	02/11/2007	BDL	BDL	BDL	BDL	270		BDL	BDL
TF-1	04/27/2007	8.9	BDL	BDL	BDL	1400		BDL	BDL
TF-1	07/30/2007	BDL	BDL	BDL	BDL	1200		BDL	BDL
TF-1	01/29/2008	BDL	BDL	BDL	BDL	740		BDL	BDL
TF-1	03/27/2008	BDL	BDL	BDL	BDL	77		BDL	BDL
TF-1	06/25/2008	4	BDL	BDL	BDL	450		BDL	BDL
TF-1	09/29/2008	BDL	BDL	BDL	BDL	110		BDL	BDL
TF-1	12/30/2008	BDL	BDL	BDL	BDL	61		BDL	BDL
TF-1	03/30/2009	BDL	BDL	BDL	BDL	62		BDL	BDL
TF-1	06/30/2009	BDL	BDL	BDL	BDL	46		BDL	BDL
TF-1	09/30/2009	BDL	BDL	BDL	BDL	9		BDL	BDL
TF-1	12/29/2009	BDL	BDL	BDL	BDL	10		BDL	BDL
TF-1	03/25/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	06/18/2010	BDL	BDL	BDL	BDL	6.5		BDL	BDL
TF-1	08/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	12/15/2010	BDL	BDL	BDL	BDL	9.6		BDL	BDL
TF-1	01/03/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	05/20/2011	BDL	BDL	BDL	BDL	16		BDL	BDL
TF-1	08/31/2011	BDL	BDL	BDL	BDL	2.3j		BDL	BDL
TF-1	11/29/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	02/08/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	02/28/2012	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	06/11/2012	7.4	16.4	BDL	8.3J	10.9		BDL	BDL
TF-1	08/05/2012	12.5	13.5	BDL	2.7 J	4.6 J		BDL	BDL
TF-1	01/03/2013	BDL	54	BDL	8.6	BDL		BDL	BDL
TF-1	05/23/2013	18.9	151	BDL	39.5	9		0.46	0.29
TF-1	08/20/2013	4.9	17.1	BDL	3.5	4.5		BDL	0.35
TF-1	11/14/2013	3.5 J	6.1	BDL	2.5 J	4.3 J		BDL	BDL
TF-1	02/18/2014	BDL	BDL	BDL	BDL	BDL		BDL	0.25
TF-1	05/08/2014	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	05/15/2014	BDL	BDL	BDL	BDL	3		BDL	0.27
TF-1	10/11/2014	4.7 J	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	05/11/2015	BDL	BDL	BDL	BDL	2.6 J		BDL	BDL
TF-1	07/05/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	08/19/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	09/02/2015	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	08/23/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	11/02/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	11/14/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	12/05/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	07/02/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	08/22/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	11/05/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	11/14/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-1	02/22/2018	<2.0	<2.0	<2.0	<4.0	<2.0		<0.100	<0.19
TF-1	08/20/2018	ND	ND	ND	ND	ND	ND	ND	ND
TF-1	11/05/2018	ND	ND	ND	ND	ND	ND	ND	ND
TF-1	03/07/2019	ND	ND	ND	ND	ND	ND	ND	ND
TF-1	06/14/2019	<5	<5	<5	<5	<5	ND	<100	<500
TF-1	09/04/2019	<5	<5	<5	<5	<5	ND	<100	<500
TF-1	12/09/2019	<5	<5	<5	<5	<5	ND	<100	<500
TF-1	03/24/2020	<5	<5	<5	<5	<5	ND	<100	<500
TF-1	06/01/2020	<5	<5	<5	<5	<5	ND	<100	<500
TF-1	12/18/2020	<1	<1	<1	<2	<1	<25	<100	<500
TF-1	06/21/2021	<1	<1	<1	<2	<1	<25	<40	<40
TF-1	12/09/2021	<1	<1	<1	<2	<1	<25	<40	<40
TF-1	06/21/2022	<1	<1	<1	<2	<1	<25	<40	<40
TF-1	12/16/2022	<1	<1	<1	<2	<1	<25	<40	<40
TF-1	06/16/2023	<1	<1	<1	<2	<1	<25	<40	<40
TF-1	12/15/2023	<1	<1	<1	<2	<1	<25	<40	<40

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
TF-1	07/09/2024	<1	<1	<1	<2	<1	<25	<40	<40
TF-1	01/28/2025	371	722	207	1044	<1	<25	4170	<40

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
TF-2	03/30/2006	NS	NS	NS	NS	NS		NS	NS
TF-2	11/07/2006	NS	NS	NS	NS	NS		NS	NS
TF-2	01/31/2007	NS	NS	NS	NS	NS		NS	NS
TF-2	02/11/2007	BDL	BDL	BDL	BDL	74		BDL	BDL
TF-2	04/27/2007	13	8.5	BDL	BDL	720		BDL	BDL
TF-2	07/30/2007	BDL	BDL	BDL	BDL	46		BDL	BDL
TF-2	01/29/2008	BDL	BDL	BDL	BDL	660		BDL	BDL
TF-2	03/27/2008	BDL	BDL	BDL	BDL	200		BDL	BDL
TF-2	06/25/2008	6.5	5.3	BDL	8.6	400		BDL	BDL
TF-2	09/29/2008	6.5	6.2	BDL	8.6	230		BDL	BDL
TF-2	12/30/2008	BDL	BDL	BDL	BDL	160		BDL	BDL
TF-2	03/30/2009	BDL	BDL	BDL	BDL	85		BDL	BDL
TF-2	06/30/2009	BDL	BDL	BDL	BDL	32		BDL	BDL
TF-2	09/30/2009	BDL	BDL	BDL	BDL	41		BDL	BDL
TF-2	12/29/2009	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-2	03/25/2010	BDL	BDL	BDL	BDL	9.8		BDL	BDL
TF-2	06/18/2010	BDL	BDL	BDL	BDL	10		BDL	BDL
TF-2	08/31/2010	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-2	12/15/2010	BDL	BDL	BDL	BDL	70		BDL	BDL
TF-2	01/03/2011	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-2	05/20/2011	BDL	BDL	BDL	BDL	50		BDL	BDL
TF-2	08/31/2011	BDL	BDL	BDL	BDL	3.9j		BDL	0.22
TF-2	11/29/2011	4.1 J	48	3.2 J	41.8	8.2		0.183	0.27
TF-2	02/08/2012	BDL	BDL	BDL	BDL	3.0 J		BDL	0.31
TF-2	02/28/2012	32.3	666	139	944	13.0 J		2.66	0.61
TF-2	06/11/2012	26.9	104	3.4J	24.3	10.5		0.198	0.27
TF-2	08/05/2012	96.4	799	118	826	12.8 J		1.79	0.34
TF-2	01/03/2013	78	270	7.7	56	16		BDL	BDL
TF-2	05/23/2013	148	583	BDL	101.4	16		1.28	0.37
TF-2	08/20/2013	51	221	4.1	41.2	18		0.264	0.39
TF-2	11/14/2013	BDL	10.4 J	BDL	BDL	10.4 J		0.125	0.32
TF-2	02/18/2014	8.1	17.5	BDL	4.9 J	20.1		0.102	0.61
TF-2	05/08/2014	BDL	BDL	BDL	BDL	BDL		BDL	0.27
TF-2	05/15/2014	2.7	3.5	BDL	BDL	3.4		BDL	0.4
TF-2	10/11/2014	BDL	BDL	BDL	BDL	5.1		BDL	0.22
TF-2	05/11/2015	BDL	BDL	BDL	BDL	3.7 J		BDL	BDL
TF-2	07/05/2015	BDL	BDL	BDL	BDL	4.9 J		BDL	0.2
TF-2	08/19/2015	BDL	BDL	BDL	BDL	5.7		BDL	0.33
TF-2	09/02/2015	BDL	BDL	BDL	BDL	29.1		BDL	0.22
TF-2	08/23/2016	BDL	BDL	BDL	BDL	BDL		BDL	0.2
TF-2	11/02/2016	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-2	11/14/2016	BDL	BDL	BDL	BDL	7.2		BDL	0.3
TF-2	12/05/2016	BDL	BDL	BDL	BDL	BDL		BDL	0.24
TF-2	07/02/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-2	08/22/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-2	11/05/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-2	11/14/2017	BDL	BDL	BDL	BDL	BDL		BDL	BDL
TF-2	02/22/2018	<2.0	<2.0	<2.0	<4.0	<2.0		<0.100	<0.18
TF-2	08/20/2018	ND	ND	ND	ND	ND		ND	ND
TF-2	11/05/2018	ND	ND	ND	ND	ND	ND	ND	ND
TF-2	03/07/2019	ND	ND	ND	ND	ND	ND	ND	ND
TF-2	06/14/2019	<5	7.41	<5	<5	<5	ND	<100	<500
TF-2	09/04/2019	<5	<5	<5	<5	<5	ND	<100	<500
TF-2	12/09/2019	<5	<5	<5	<5	<5	ND	<100	<500
TF-2	03/24/2020	<5	<5	<5	<5	<5	ND	<100	<500
TF-2	06/01/2020	<5	<5	<5	<5	<5	<50	<100	<500
TF-2	12/18/2020	<1	<1	<1	<2	<1	<25	<100	<500
TF-2	06/21/2021	<1	<1	<1	<2	<1	<25	<40	<40
TF-2	12/09/2021	<1	<1	<1	<2	<1	<25	<40	<40
TF-2	06/21/2022	<1	<1	<1	<2	<1	<25	<40	<40
TF-2	12/16/2022	<1	<1	<1	<2	<1	<25	<40	<40
TF-2	06/16/2023	<1	<1	<1	<2	<1	<25	<40	<40

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Methyl tert-Butyl Ether	tert-Butyl Alcohol (TBA)	TPH GRO	TPH DRO
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	20	NA	47	47
TF-2	12/15/2023	<1	<1	<1	<2	<1	<25	<40	<40
TF-2	07/09/2024	<1	<1	<1	<2	<1	<25	<40	<40
TF-2	01/28/2025	23.5	180	43.8	292.5	<1	<25	685	<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

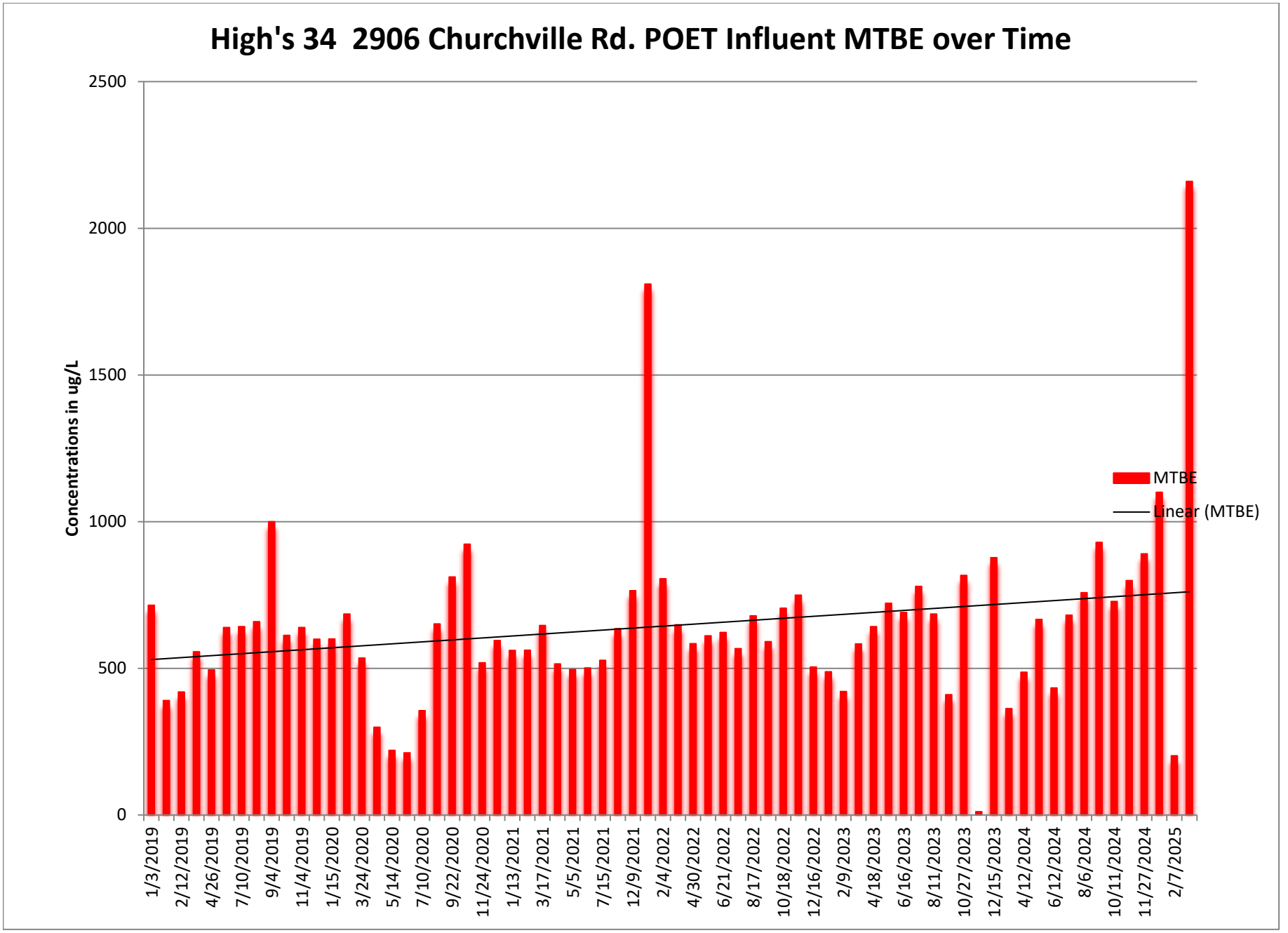
GROUNDWATER SAMPLING DATA REPORTED IN UG/L

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	tert-Butyl Alcohol (TBA)	Methyl tert-Butyl Ether	Naphthalene	Diisopropyl Ether (DIPE)	tert-Amyl Alcohol (TAA)	tert-Amyl Methyl Ether	tert-Amyl Ethyl Ether	1,2-Dichloroethan
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	NG	20	0.65	NG	NG	NG	NG	5
INFLUENT 2906 CHURCHVILLE	01/03/2019	ND	ND	ND	ND	572	715	ND	10.1	170	21.4	2.27	
INFLUENT 2906 CHURCHVILLE	01/29/2019	<0.50	<0.50	<0.50	<0.50	325	390	<0.50	5.19	98.1	8.48	ND	
INFLUENT 2906 CHURCHVILLE	02/12/2019	<0.50	<0.50	<0.50	<0.50	364	419	<0.50	17.1	106	19.2	ND	
INFLUENT 2906 CHURCHVILLE	03/07/2019	<0.50	<0.50	<0.50	<0.50	298	556	<0.50	9.04	91.9	20.5	3.49	
INFLUENT 2906 CHURCHVILLE	04/26/2019	<0.50	<0.50	<0.50	<0.50	141	494	<0.50	9.85	30.5	17.9	1.18	
INFLUENT 2906 CHURCHVILLE	06/14/2019	<0.50	<0.50	<0.50	<0.50	318	639	<0.50	10.2	55.3	21.6	1.28	
INFLUENT 2906 CHURCHVILLE	07/10/2019	<0.50	<0.50	<0.50	<0.50	589	642	<0.50	9.97	109	15.7	2.93	
INFLUENT 2906 CHURCHVILLE	08/18/2019	<0.50	<0.50	<.5	<0.50	544	659	<0.50	10.7	136	18.6	3.16	
INFLUENT 2906 CHURCHVILLE	09/04/2019	16.6	<0.50	<0.50	<0.50	1230	1000	<0.50	17.9	250	<.5	<0.50	
INFLUENT 2906 CHURCHVILLE	10/22/2019	<0.50	<0.50	<.5	<0.50	195	612	<0.50	11.9	26.1	53.1	<0.50	
INFLUENT 2906 CHURCHVILLE	11/04/2019	<0.50	<0.50	<.5	<0.50	198	639	<0.50	11.1	23.4	49.4	<0.50	
INFLUENT 2906 CHURCHVILLE	12/30/2019	<.5	<.5	<.5	<0.50	126	599	<.5	9.65	13.8	40.4	<0.50	
INFLUENT 2906 CHURCHVILLE	01/15/2020	<0.50	<0.50	<0.50	<0.50	133	600	<0.50	9.18	12.8	34.2	<0.50	
INFLUENT 2906 CHURCHVILLE	02/03/2020	<0.50	<0.50	<0.50	<0.50	179	685	<0.50	10.5	16.5	34.5	<0.50	
INFLUENT 2906 CHURCHVILLE	03/24/2020	<0.50	<0.50	<0.50	<0.50	214	535	<0.50	7.94	16.5	18.8	<0.50	
INFLUENT 2906 CHURCHVILLE	04/21/2020	<0.50	<0.50	<0.50	<0.50	104	299	<0.50	4.61	3.39	18.4	<0.50	
INFLUENT 2906 CHURCHVILLE	05/14/2020	<0.50	<0.50	<0.50	<0.50	81.7	220	<0.50	3.36	<.5	11.2	<0.50	
INFLUENT 2906 CHURCHVILLE	06/01/2020	<0.50	<0.50	<0.50	<0.50	61.3	212	<0.50	<0.50	<0.50	<0.50	<0.50	
INFLUENT 2906 CHURCHVILLE	07/10/2020	<0.50	<0.50	<0.50	<0.50	306	356	<0.50	5.76	40.5	12.2	<0.50	
INFLUENT 2906 CHURCHVILLE	08/14/2020	<0.50	<0.50	<0.50	<0.50	664	651	<0.50	11.4	68.9	18.9	<0.50	
INFLUENT 2906 CHURCHVILLE	09/22/2020	28.1	<0.50	<0.50	<0.50	970	811	<0.50	13.8	95.4	<0.50	<0.50	
INFLUENT 2906 CHURCHVILLE	10/26/2020	<0.50	<0.50	<0.50	<0.50	897	923	<0.50	15.6	89.4	32.3	<0.50	
INFLUENT 2906 CHURCHVILLE	11/24/2020	<0.50	<0.50	<0.50	<0.50	231	519	<0.50	9.09		27.9	<0.50	
INFLUENT 2906 CHURCHVILLE	12/18/2020	<0.50	<0.50	<0.50	<0.50	53.9	595	<0.50	9.34	<10	22.2	<0.50	
INFLUENT 2906 CHURCHVILLE	01/13/2021	<0.50	<0.50	<0.50	<0.50	47.5	561	<0.50	8.83	<10	26.8	<0.50	
INFLUENT 2906 CHURCHVILLE	02/26/2021	<0.50	<0.50	<0.50	<0.50	28.8	562	<0.50	6.98	<10	26.4	<0.50	
INFLUENT 2906 CHURCHVILLE	03/17/2021	<0.50	<0.50	<0.50	<0.50	37.7	646	<0.50	8.25	<10	27.9	<0.50	
INFLUENT 2906 CHURCHVILLE	04/07/2021	<0.50	<0.50	<0.50	<0.50	26.9	515	<0.50	6.27	<10	21.5	<0.50	
INFLUENT 2906 CHURCHVILLE	05/05/2021	<0.50	<0.50	<0.50	<0.50	32.1	496	<0.50	7.41	<10	18.9	<0.50	
INFLUENT 2906 CHURCHVILLE	06/21/2021	<0.50	<0.50	<0.50	<0.50	28.4	501	<0.50	7.29	<10	18.3	<0.50	
INFLUENT 2906 CHURCHVILLE	07/15/2021	<0.50	<0.50	<0.50	<0.50	31.8	527	<0.50	7.85	<10	20.2	<0.50	
INFLUENT 2906 CHURCHVILLE	09/13/2021	<0.50	<0.50	<0.50	<0.50	46.6	635	<0.50	11.4	<10	24.2	<0.50	
INFLUENT 2906 CHURCHVILLE	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
INFLUENT 2906 CHURCHVILLE	01/05/2022	<0.50	<0.50	<0.50	<0.50	55.9	1810	<0.50	13.2	<10	34.4	<0.50	7.39
INFLUENT 2906 CHURCHVILLE	02/04/2022	<0.50	<0.50	<0.50	<0.50	35.4	805	<0.50	9.58	<10	46.7	<0.50	4.24
INFLUENT 2906 CHURCHVILLE	03/18/2022	<0.50	<0.50	<0.50	<0.50	51.2	648	<0.50	11.6	<10	31.4	<0.50	5.88
INFLUENT 2906 CHURCHVILLE	04/30/2022	<0.50	<0.50	<0.50	<0.50	<10	584	<0.50	11.9	<10	40.9	<0.50	7
INFLUENT 2906 CHURCHVILLE	05/26/2022	<0.50	<0.50	<0.50	<0.50	265	611	<0.50	11	<10	38.9	<0.50	5.8
INFLUENT 2906 CHURCHVILLE	06/21/2022	<0.50	<0.50	<0.50	<0.50	37.3	622	<0.50	11.6	<10	29.9	<0.50	5.63
INFLUENT 2906 CHURCHVILLE	07/13/2022	<0.50	<0.50	<0.50	<0.50	42.9	567	<0.50	10.5	<10	27.2	<0.50	5.97
INFLUENT 2906 CHURCHVILLE	08/17/2022	<0.50	<0.50	<0.50	<0.50	68	679	<0.50	15.9	<10	42.1	<0.50	8.58
INFLUENT 2906 CHURCHVILLE	09/30/2022	<0.50	<0.50	<0.50	<0.50	37.3	591	<0.50	14.2	<10	<0.50	<0.50	5.59
INFLUENT 2906 CHURCHVILLE	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
INFLUENT 2906 CHURCHVILLE	11/18/2022	<0.50	<0.50	<0.50	<0.50	27.7	749	<0.50	10.5	<10	35.7	<0.50	4.88
INFLUENT 2906 CHURCHVILLE	12/16/2022	<0.50	11.2	<0.50	<0.50	<10	504	<0.50	7.25	<10	22.3	<0.50	3.67
INFLUENT 2906 CHURCHVILLE	01/10/2023	<0.50	4.16	<0.50	<0.50	9.22	488	<0.50	6.46	<10	18.7	<0.50	3.2
INFLUENT 2906 CHURCHVILLE	02/09/2023	<0.50	<0.50	<0.50	<0.50	1.84	421	<0.50	6.31	<10	24.9	<0.50	2.85
INFLUENT 2906 CHURCHVILLE	03/14/2023	<0.50	<0.50	<0.50	<0.50	20.6	583	<0.50	10.1	<10	30.3	<0.50	4.48
INFLUENT 2906 CHURCHVILLE	04/18/2023	<0.50	<0.50	<0.50	<0.50	20.3	642	<0.50	10	<10	30.2	<0.50	<.5
INFLUENT 2906 CHURCHVILLE	05/04/2023	<0.50	<0.50	<0.50	<0.50	42.1	722	<0.50	12.1	<10	34.6	<0.50	6.8
INFLUENT 2906 CHURCHVILLE	06/16/2023	<0.50	<0.50	<0.50	<0.50	33.3	690	<0.50	10.3	<10	44.4	<0.50	6.3
INFLUENT 2906 CHURCHVILLE	07/11/2023	<0.50	<0.50	<0.50	<0.50	40.8	779	<0.50	10.4	<10	43.8	<0.50	6.19
INFLUENT 2906 CHURCHVILLE	08/11/2023	<0.50	<0.50	<0.50	<0.50	30.7	685	<0.50	12.4	<10	38.4	<0.50	7.23
INFLUENT 2906 CHURCHVILLE	09/20/2023	<0.50	<0.50	<0.50	<0.50	54	410	<0.50	7.8	<10	20	<0.50	4.73
INFLUENT 2906 CHURCHVILLE	10/27/2023	<0.50	<0.50	<0.50	<0.50	256	817	<0.50	31.3	14.3	95.9	1.06	11.8
INFLUENT 2906 CHURCHVILLE	11/15/2023	<0.50	<0.50	<0.50	<0.50	230	11.2	<0.50	36	16.8	127	<0.50	15.9
INFLUENT 2906 CHURCHVILLE	12/15/2023	<0.50	<0.50	<0.50	<0.50	108	877	<0.50	14.8	<10	47.1	<0.50	8.09
INFLUENT 2906 CHURCHVILLE	03/12/2024	<0.50	<0.50	<0.50	<0.50	41.8	363	<0.50	<0.50	<10	34	<0.50	3.7
INFLUENT 2906 CHURCHVILLE	04/12/2024	<0.50	<0.50	<0.50	<0.50	23.5	487	<0.50	8.96	<10	31.9	<0.50	<.050
INFLUENT 2906 CHURCHVILLE	05/08/2024	<0.50	<0.50	<0.50	<0.50	39.6	667	<0.50	10.5	<10	31.8	<0.50	<.050
INFLUENT 2906 CHURCHVILLE	06/12/2024	<0.50	<0.50	<0.50	<0.50	66.1	433	<0.50	11.6	<10	34.2	<0.50	5.73
INFLUENT 2906 CHURCHVILLE	07/09/2024	<0.50	<0.50	<0.50	<0.50	54.9	681	<0.50	15.3	<10	38.9	<0.50	7.48
INFLUENT 2906 CHURCHVILLE	08/06/2024	<0.50	<0.50	<0.50	<0.50	55.7	758	<0.50	17	<10	52.9	<0.50	8.15
INFLUENT 2906 CHURCHVILLE	09/23/2024	<0.50	<0.50	<0.50	<0.50	142	929	<0.50	21.6	<10	65	<0.50	9.00
INFLUENT 2906 CHURCHVILLE	10/11/2024	<0.5	<0.5	<0.5	<0.50	97.8	728	<0.5	16.7	<10	50.5	<0.5	<.050
INFLUENT 2906 CHURCHVILLE	11/08/2024	<0.5	<0.5	<0.5	<0.50	171	799	<0.5	19.6	<10	55.9	<0.5	7.60
INFLUENT 2906 CHURCHVILLE	11/27/2024	<0.5	<0.5	<0.5	<0.50	217	890	<0.5	21.2	12.7	65	<0.5	8.41
INFLUENT 2906 CHURCHVILLE	01/13/2025	<0.5	<0.5	<0.5	<0.50	186	1100	<0.5	27	10	74.8	<0.5	9.54
INFLUENT 2906 CHURCHVILLE	02/07/2025	<0.5	<0.5	<0.5	<0.50	<10	202	<0.5	679	11.2	68.4	<0.5	7.81
INFLUENT 2906 CHURCHVILLE	03/28/2025	<0.5	<0.5	<0.5	<0.50	155	2160	<0.5	27.4	<10	77.9	<0.5	7.96
INTER 1 2906 CHURCHVILLE	01/29/2019	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	02/12/2019	<0.50	<0.50	<0.50	<0.50	52.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	03/07/2019	<0.50	<0.50	<0.50	<0.50	235	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	04/26/2019	<0.50	<0.50	<0.50	<0.50	178	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	06/14/2019	<0.50	<0.50	<0.50	<0.50	242	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	07/10/2019	<0.50	<0.50	<0.50	<0.50	602	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	08/08/2019	<0.50	<0.50	<0.50	<0.50	423	2.66	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	09/04/2019	<0.50	<0.50	<0.50	<0.50	792	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	10/22/2019	<0.50	<0.50	<0.50	<0.50	147	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	11/04/2019	<0.50	<0.50	<0.50	<0.50	206	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	12/30/2019	<0.50	<0.50	<0.50	<0.50	133	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	01/15/2020	<0.50	<0.50	<0.50	<0.50	154	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	02/03/2020	<0.50	<0.50	<0.50	<0.50	150	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	03/24/2020	<0.50	<0.50	<0.50	<0.50	227	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	04/21/2020	<0.50	<0.50	<0.50	<0.50	308	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	05/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	06/01/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	07/10/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	08/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	09/22/2020	<0.50	<0.50	<0.50	<0.50	216	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	10/26/2020	<0.50	<0.50	<0.50	<0.50	339	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	11/24/2020	<0.50	<0.50	<0.50	<0.50	599	<0.50	<0.50	<0.50		<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	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	
INTER 1 2906 CHURCHVILLE	01/13/2021	<0.50	<0.50	<0.50	<0.50	33.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	02/26/2021	<0.50	<0.50	<0.50	<0.50	14.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	03/17/2021	<0.50	<0.50	<0.50	<0.50	14.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	04/07/2021	<0.50	<0.50	<0.50	<0.50	10.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	tert-Butyl Alcohol (TBA)	Methyl tert-Butyl Ether	Naphthalene	Diisopropyl Ether (DIPE)	tert-Amyl Alcohol (TAA)	tert-Amyl Methyl Ether	tert-Amyl Ethyl Ether	1,2-Dichloroethan
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	NG	20	0.65	NG	NG	NG	NG	5
INTER 1 2906 CHURCHVILLE	05/05/2021	<0.50	<0.50	<0.50	<0.50	10.2	1.49	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	06/21/2021	<0.50	<0.50	<0.50	<0.50	12.9	13.8	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	07/15/2021	<0.50	<0.50	<0.50	<0.50	16.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	09/13/2021	<0.50	<0.50	<0.50	<0.50	20.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 1 2906 CHURCHVILLE	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
INTER 1 2906 CHURCHVILLE	01/05/2022	<0.50	<0.50	<0.50	<0.50	16.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	02/04/2022	<0.50	<0.50	<0.50	<0.50	22.3	<0.50	<0.50	<0.50	<10.1	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	03/18/2022	<0.50	<0.50	<0.50	<0.50	20.3	1.37	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	04/30/2022	<0.50	<0.50	<0.50	<0.50	210	6	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	05/26/2022	<0.50	<0.50	<0.50	<0.50	221	12.4	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	06/21/2022	<0.50	<0.50	<0.50	<0.50	8.5	53.4	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	07/13/2022	<0.50	<0.50	<0.50	<0.50	25.7	111	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	08/17/2022	<0.50	<0.50	<0.50	<0.50	29.3	181	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	09/30/2022	<0.50	<0.50	<0.50	<0.50	24.5	292	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	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
INTER 1 2906 CHURCHVILLE	11/18/2022	<0.50	<0.50	<0.50	<0.50	32.1	515	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	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
INTER 1 2906 CHURCHVILLE	01/10/2023	<0.50	<0.50	<0.50	<0.50	<10	458	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	02/09/2023	<0.50	<0.50	<0.50	<0.50	<10	9.16	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	03/14/2023	<0.50	<0.50	<0.50	<0.50	<10	10.1	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	04/18/2023	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	05/04/2023	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	06/16/2023	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	07/11/2023	<0.50	<0.50	<0.50	<0.50	32.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	08/11/2023	<0.50	<0.50	<0.50	<0.50	50.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	09/20/2023	<0.50	<0.50	<0.50	<0.50	26.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	10/27/2023	<0.50	<0.50	<0.50	<0.50	198	7.14	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	11/15/2023	<0.50	<0.50	<0.50	<0.50	255	17.1	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	12/15/2023	<0.50	<0.50	<0.50	<0.50	149	224	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	03/12/2024	<0.50	<0.50	<0.50	<0.50	155	513	<0.50	<0.50	4.36	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	04/12/2024	<0.50	<0.50	<0.50	<0.50	32.9	646	<0.50	<0.50	10	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	05/08/2024	<0.50	<0.50	<0.50	<0.50	45.1	1.11	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	06/12/2024	<0.50	<0.50	<0.50	<0.50	56.6	27.9	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	07/09/2024	<0.50	<0.50	<0.50	<0.50	50.4	96.3	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	08/06/2024	<0.50	<0.50	<0.50	<0.50	48.7	329	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	09/23/2024	<0.50	<0.50	<0.50	<0.50	113	490	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 1 2906 CHURCHVILLE	10/11/2024	<0.5	<0.5	<0.5	<0.50	77.1	409	<0.5	<0.5	<10	<0.5	<0.5	<0.50
INTER 1 2906 CHURCHVILLE	11/08/2024	<0.5	<0.5	<0.5	<0.50	104	494	<0.5	<0.5	<10	<0.5	<0.5	<0.50
INTER 1 2906 CHURCHVILLE	11/27/2024	<0.5	<0.5	<0.5	<0.50	147	561	<0.5	<0.5	<10	<0.5	<0.5	<0.50
INTER 1 2906 CHURCHVILLE	01/13/2025	<0.5	<0.5	<0.5	<0.50	163	796	<0.5	<0.5	<10	<0.5	<0.5	<0.5
INTER 1 2906 CHURCHVILLE	02/07/2025	<0.5	<0.5	<0.5	<0.50	183	664	<0.5	<0.5	<10	<0.5	<0.5	<0.5
INTER 1 2906 CHURCHVILLE	03/28/2025	<0.5	<0.5	<0.5	<0.50	130	1087	<0.5	<0.5	<10	<0.5	<0.5	<0.5
INTER 2 2906 CHURCHVILLE	01/29/2019	<0.50	<0.50	<0.50	<0.50	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	02/12/2019	<0.50	<0.50	<0.50	<0.50	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	03/07/2019	<0.50	<0.50	<0.50	<0.50	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	04/26/2019	<0.50	<0.50	<0.50	<0.50	184	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	06/14/2019	<0.50	<0.50	<0.50	<0.50	268	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	07/10/2019	<0.50	<0.50	<0.50	<0.50	524	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	08/08/2019	<0.50	<0.50	<0.50	<0.50	473	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	09/04/2019	<0.50	<0.50	<0.50	<0.50	690	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	10/22/2019	<0.50	<0.50	<0.50	<0.50	91.4	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	11/04/2019	<0.50	<0.50	<0.50	<0.50	130	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	12/30/2019	<0.50	<0.50	<0.50	<0.50	153	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	01/15/2020	<0.50	<0.50	<0.50	<0.50	196	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	02/03/2020	<0.50	<0.50	<0.50	<0.50	225	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	03/24/2020	<0.50	<0.50	<0.50	<0.50	308	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	04/21/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	05/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	06/01/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	07/10/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	08/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	09/22/2020	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	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	
INTER 2 2906 CHURCHVILLE	11/24/2020	<0.50	<0.50	<0.50	<0.50	194	<0.50	<0.50	<0.50		<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	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	
INTER 2 2906 CHURCHVILLE	01/13/2021	<0.50	<0.50	<0.50	<0.50	40.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	02/26/2021	<0.50	<0.50	<0.50	<0.50	30.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	03/17/2021	<0.50	<0.50	<0.50	<0.50	30.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	04/07/2021	<0.50	<0.50	<0.50	<0.50	19.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	05/05/2021	<0.50	<0.50	<0.50	<0.50	17.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	06/21/2021	<0.50	<0.50	<0.50	<0.50	13.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	07/15/2021	<0.50	<0.50	<0.50	<0.50	13.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	09/16/2021	<0.50	<0.50	<0.50	<0.50	17.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 2 2906 CHURCHVILLE	12/09/2021	<0.50	<0.50	<0.50	<0.50	13.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	01/05/2022	<0.50	<0.50	<0.50	<0.50	12.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	02/04/2022	<0.50	<0.50	<0.50	<0.50	14.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	03/18/2022	<0.50	<0.50	<0.50	<0.50	22.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	04/30/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	05/26/2022	<0.50	<0.50	<0.50	<0.50	285	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	06/21/2022	<0.50	<0.50	<0.50	<0.50	19.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	07/13/2022	<0.50	<0.50	<0.50	<0.50	11.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	08/17/2022	<0.50	<0.50	<0.50	<0.50	20	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	09/30/2022	<0.50	<0.50	<0.50	<0.50	20.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	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
INTER 2 2906 CHURCHVILLE	11/18/2022	<0.50	<0.50	<0.50	<0.50	35.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	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
INTER 2 2906 CHURCHVILLE	01/10/2023	<0.50	<0.50	<0.50	<0.50	7.82	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	02/09/2023	<0.50	<0.50	<0.50	<0.50	18.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	03/14/2023	<0.50	<0.50	<0.50	<0.50	32.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	04/18/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	05/04/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	06/16/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	07/11/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	08/11/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	09/20/2023	<0.50	<0.50	<0.50	<0.50	26.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	10/27/2023	<0.50	<0.50	<0.50	<0.50	159	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	11/15/2023	<0.50	<0.50	<0.50	<0.50	214	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	12/15/2023	<0.50	<0.50	<0.50	<0.50	188	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	tert-Butyl Alcohol (TBA)	Methyl tert-Butyl Ether	Naphthalene	Diisopropyl Ether (DIPE)	tert-Amyl Alcohol (TAA)	tert-Amyl Methyl Ether	tert-Amyl Ethyl Ether	1,2-Dichloroethan
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	NG	20	0.65	NG	NG	NG	NG	5
INTER 2 2906 CHURCHVILLE	03/12/2024	<0.50	<0.50	<0.50	<0.50	155	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	04/12/2024	<0.50	<0.50	<0.50	<0.50	78.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	05/08/2024	<0.50	<0.50	<0.50	<0.50	93.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	06/12/2024	<0.50	<0.50	<0.50	<0.50	45.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	07/09/2024	<0.50	<0.50	<0.50	<0.50	30.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	08/06/2024	<0.50	<0.50	<0.50	<0.50	45.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	09/23/2024	<0.50	<0.50	<0.50	<0.50	84.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 2 2906 CHURCHVILLE	10/11/2024	<0.5	<0.5	<0.5	<0.50	66.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.50
INTER 2 2906 CHURCHVILLE	11/08/2024	<0.5	<0.5	<0.5	<0.50	117	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.50
INTER 2 2906 CHURCHVILLE	11/27/2024	<0.5	<0.5	<0.5	<0.50	120	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.50
INTER 2 2906 CHURCHVILLE	01/13/2025	<0.5	<0.5	<0.5	<0.50	147	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
INTER 2 2906 CHURCHVILLE	02/07/2025	<0.5	<0.5	<0.5	<0.50	158	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
INTER 2 2906 CHURCHVILLE	03/28/2025	<0.5	<0.5	<0.5	<0.50	197	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
INTER 3 2906 CHURCHVILLE	01/03/2019	ND	ND	ND	ND	595	393	ND	ND	ND	ND	ND	
INTER 3 2906 CHURCHVILLE	01/29/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	02/12/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	03/07/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	04/26/2019	<0.50	<0.50	<0.50	<1.0	36.1	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	06/14/2019	<0.50	<0.50	<0.50	<1.0	269	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	07/10/2019	<0.50	<0.50	<0.50	<1.0	467	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	08/08/2019	<0.50	<0.50	<0.50	<1.0	555	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	09/04/2019	<0.50	<0.50	<0.50	<1.0	8.33	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	10/22/2019	<0.50	<0.50	<0.50	<1.0	67.8	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	11/04/2019	<0.50	<0.50	<0.50	<1.0	84.9	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	12/30/2019	<0.50	<0.50	<0.50	<1.0	150	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	01/15/2020	<0.50	<0.50	<0.50	<1.0	199	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	02/03/2020	<0.50	<0.50	<0.50	<1.0	239	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	03/24/2020	<0.50	<0.50	<0.50	<1.0	385	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	04/21/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	05/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	06/01/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	07/10/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	08/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	09/22/2020	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	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	
INTER 3 2906 CHURCHVILLE	11/24/2020	<0.50	<0.50	<0.50	<0.50	<25	<0.50	<0.50	<0.50		<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	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	
INTER 3 2906 CHURCHVILLE	01/13/2021	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	02/26/2021	<0.50	<0.50	<0.50	<0.50	24.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	03/17/2021	<0.50	<0.50	<0.50	<0.50	34.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	04/07/2021	<0.50	<0.50	<0.50	<0.50	27.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	05/05/2021	<0.50	<0.50	<0.50	<0.50	25.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	06/21/2021	<0.50	<0.50	<0.50	<0.50	20.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	07/15/2021	<0.50	<0.50	<0.50	<0.50	21.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	09/13/2021	<0.50	<0.50	<0.50	<0.50	19.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
INTER 3 2906 CHURCHVILLE	12/09/2021	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	01/05/2022	<0.50	<0.50	<0.50	<0.50	12	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	02/04/2022	<0.50	<0.50	<0.50	<0.50	12.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	03/18/2022	<0.50	<0.50	<0.50	<0.50	15.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	04/30/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	05/26/2022	<0.50	<0.50	<0.50	<0.50	280	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	06/21/2022	<0.50	<0.50	<0.50	<0.50	17.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	07/13/2022	<0.50	<0.50	<0.50	<0.50	35.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	08/17/2022	<0.50	<0.50	<0.50	<0.50	25.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	09/30/2022	<0.50	<0.50	<0.50	<0.50	17.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	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
INTER 3 2906 CHURCHVILLE	11/18/2022	<0.50	<0.50	<0.50	<0.50	28.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	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
INTER 3 2906 CHURCHVILLE	01/10/2023	<0.50	<0.50	<0.50	<0.50	15.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	02/09/2023	<0.50	<0.50	<0.50	<0.50	19.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	03/14/2023	<0.50	<0.50	<0.50	<0.50	42.3	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	04/18/2023	<0.50	<0.50	<0.50	<0.50	16.3	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	05/04/2023	<0.50	<0.50	<0.50	<0.50	13.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	06/16/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	07/11/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	08/11/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	09/20/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	10/27/2023	<0.50	<0.50	<0.50	<0.50	115	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	11/15/2023	<0.50	<0.50	<0.50	<0.50	116	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	12/15/2023	<0.50	<0.50	<0.50	<0.50	166	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	03/12/2024	<0.50	<0.50	<0.50	<0.50	154	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	04/12/2024	<0.50	<0.50	<0.50	<0.50	122	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	05/08/2024	<0.50	<0.50	<0.50	<0.50	184	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	06/12/2024	<0.50	<0.50	<0.50	<0.50	60.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	07/09/2024	<0.50	<0.50	<0.50	<0.50	47	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	08/06/2024	<0.50	<0.50	<0.50	<0.50	51.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	09/23/2024	<0.50	<0.50	<0.50	<0.50	75.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
INTER 3 2906 CHURCHVILLE	10/11/2024	<0.5	<0.5	<0.5	<0.50	47.7	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.50
INTER 3 2906 CHURCHVILLE	11/08/2024	<0.5	<0.5	<0.5	<0.50	90.8	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.50
INTER 3 2906 CHURCHVILLE	11/27/2024	<0.5	<0.5	<0.5	<0.50	104	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.50
INTER 3 2906 CHURCHVILLE	01/13/2025	<0.5	<0.5	<0.5	<0.50	132	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
INTER 3 2906 CHURCHVILLE	02/07/2025	<0.5	<0.5	<0.5	<0.50	150	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
INTER 3 2906 CHURCHVILLE	03/28/2025	<0.5	<0.5	<0.5	<0.50	148	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
EFFLUENT 2906 CHURCHVILLE	01/29/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	02/12/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	03/07/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	04/26/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	06/14/2019	<0.50	<0.50	<0.50	<1.0	144	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	07/10/2019	<0.50	<0.50	<0.50	<1.0	607	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	08/08/2019	<0.50	<0.50	<0.50	<1.0	550	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	09/04/2019	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	10/22/2019	<0.50	<0.50	<0.50	<1.0	14.1	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	11/04/2019	<0.50	<0.50	<0.50	<1.0	36.7	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	12/30/2019	<0.50	<0.50	<0.50	<1.0	93.4	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	01/15/2020	<0.50	<0.50	<0.50	<1.0	151	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	02/03/2020	<0.50	<0.50	<0.50	<1.0	208	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	03/24/2020	<0.50	<0.50	<0.50	<1.0	427	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	tert-Butyl Alcohol (TBA)	Methyl tert-Butyl Ether	Naphthalene	Diisopropyl Ether (DIPE)	tert-Amyl Alcohol (TAA)	tert-Amyl Methyl Ether	tert-Amyl Ethyl Ether	1,2-Dichloroethan
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	NG	20	0.65	NG	NG	NG	NG	5
EFFLUENT 2906 CHURCHVILLE	04/21/2020	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	05/14/2020	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	06/01/2020	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	07/10/2020	<0.50	<0.50	<0.50	<1.0	<10	<.5	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	08/14/2020	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	09/22/2020	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	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	
EFFLUENT 2906 CHURCHVILLE	11/24/2020	<0.50	<0.50	<0.50	<0.50	<25	<0.50	<0.50	<0.50		<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	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	
EFFLUENT 2906 CHURCHVILLE	01/13/2021	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	02/26/2021	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	03/17/2021	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	04/07/2021	<0.50	<0.50	<0.50	<0.50	11.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	05/05/2021	<0.50	<0.50	<0.50	<0.50	24.3	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	06/21/2021	<0.50	<0.50	<0.50	<0.50	24.3	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	07/15/2021	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	09/13/2021	<0.50	<0.50	<0.50	<0.50	14.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	
EFFLUENT 2906 CHURCHVILLE	12/09/2021	<0.50	<0.50	<0.50	<0.50	11.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	01/05/2022	<0.50	<0.50	<0.50	<0.50	10.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	02/04/2022	<0.50	<0.50	<0.50	<0.50	11.2	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	03/18/2022	<0.50	<0.50	<0.50	<0.50	13.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	04/30/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	05/26/2022	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	06/21/2022	<0.50	<0.50	<0.50	<0.50	30.1	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	07/13/2022	<0.50	<0.50	<0.50	<0.50	37.7	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	08/17/2022	<0.50	<0.50	<0.50	<0.50	25.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	09/30/2022	<0.50	<0.50	<0.50	<0.50	22.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	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
EFFLUENT 2906 CHURCHVILLE	11/18/2022	<0.50	<0.50	<0.50	<0.50	23.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	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
EFFLUENT 2906 CHURCHVILLE	01/10/2023	<0.50	<0.50	<0.50	<0.50	15.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	02/09/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	03/14/2023	<0.50	<0.50	<0.50	<0.50	20.4	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	04/18/2023	<0.50	<0.50	<0.50	<0.50	17.9	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	05/04/2023	<0.50	<0.50	<0.50	<0.50	10.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	06/16/2023	<0.50	<0.50	<0.50	<0.50	10.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	07/11/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	08/11/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	09/20/2023	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	10/27/2023	<0.50	<0.50	<0.50	<0.50	56.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	11/15/2023	<0.50	<0.50	<0.50	<0.50	59.8	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	12/15/2023	<0.50	<0.50	<0.50	<0.50	105	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	03/12/2024	<0.50	<0.50	<0.50	<0.50	131	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	04/12/2024	<0.50	<0.50	<0.50	<0.50	164	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	05/08/2024	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	06/12/2024	<0.50	<0.50	<0.50	<0.50	54.3	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	07/09/2024	<0.50	<0.50	<0.50	<0.50	45.3	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	08/06/2024	<0.50	<0.50	<0.50	<0.50	46.6	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	09/23/2024	<0.50	<0.50	<0.50	<0.50	55.5	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
EFFLUENT 2906 CHURCHVILLE	10/11/2024	<0.5	<0.5	<0.5	<0.50	43.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.50
EFFLUENT 2906 CHURCHVILLE	11/08/2024	<0.5	<0.5	<0.5	<0.50	53.6	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.50
EFFLUENT 2906 CHURCHVILLE	11/27/2024	<0.5	<0.5	<0.5	<0.50	80.1	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.50
EFFLUENT 2906 CHURCHVILLE	01/13/2025	<0.5	<0.5	<0.5	<0.50	106	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
EFFLUENT 2906 CHURCHVILLE	02/07/2025	<0.5	<0.5	<0.5	<0.50	126	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5
EFFLUENT 2906 CHURCHVILLE	03/28/2025	<0.5	<0.5	<0.5	<0.50	139	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5


High's 34 2906 Churchville Rd. POET Influent MTBE over Time
Concentrations in ug/L
2500
2000
1500
1000
500
0
MTBE
Linear (MTBE)
1/3/2019
2/12/2019
4/26/2019
7/10/2019
9/4/2019
11/4/2019
1/15/2020
3/24/2020
5/14/2020
7/10/2020
9/22/2020
11/24/2020
1/13/2021
3/17/2021
5/5/2021
7/15/2021
12/9/2021
2/4/2022
4/30/2022
6/21/2022
8/17/2022
10/18/2022
12/16/2022
2/9/2023
4/18/2023
6/16/2023
8/11/2023
10/27/2023
12/15/2023
4/12/2024
6/12/2024
8/6/2024
10/11/2024
11/27/2024
2/7/2025

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	tert-Butyl Alcohol (TBA)	Methyl tert-Butyl Ether	Naphthalene
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	NG	20	0.65
INFLUENT 2907 CHURCHVILLE	11/14/2016	ND	ND	ND	ND	ND	55.5	ND
INFLUENT 2907 CHURCHVILLE	02/07/2017	ND	ND	ND	ND	ND	56.1	ND
INFLUENT 2907 CHURCHVILLE	05/11/2017	ND	ND	ND	ND	ND	74.6	ND
INFLUENT 2907 CHURCHVILLE	08/22/2017	ND	ND	ND	ND	ND	30.4	ND
INFLUENT 2907 CHURCHVILLE	11/14/2017	ND	ND	ND	ND	ND	55.6	ND
INFLUENT 2907 CHURCHVILLE	02/22/2018	ND	ND	ND	ND	ND	58.8	ND
INFLUENT 2907 CHURCHVILLE	01/10/2019	ND	ND	ND	ND	ND	21.3	ND
INFLUENT 2907 CHURCHVILLE	03/07/2019	ND	ND	ND	ND	ND	29.2	ND
INFLUENT 2907 CHURCHVILLE	06/14/2019	<.5	<.5	<.5	<.5	<10	23.1	<.5
INFLUENT 2907 CHURCHVILLE	09/04/2019	<.5	<.5	<.5	<.5	<10	14.9	<.5
INFLUENT 2907 CHURCHVILLE	12/30/2019	<.5	<.5	<.5	<.5	<10	9.27	<.5
INFLUENT 2907 CHURCHVILLE	03/24/2020	<.5	<.5	<.5	<.5	<10	11.9	<.5
INFLUENT 2907 CHURCHVILLE	06/01/2020	<.5	<.5	<.5	<.5	<10	5.95	<.5
INFLUENT 2907 CHURCHVILLE	09/22/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	12/18/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	03/17/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	06/21/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	09/13/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	12/09/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	03/18/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	06/21/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	09/30/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	12/16/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	03/14/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	06/16/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	09/20/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	12/18/2023	<.5	<.5	<.5	<.5	<10	13.9	<.5
INFLUENT 2907 CHURCHVILLE	01/15/2024	<.5	<.5	<.5	<.5	<10	14.3	<.5
INFLUENT 2907 CHURCHVILLE	04/12/2024	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	05/08/2024	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	08/06/2024	<.5	<.5	<.5	<.5	<10	<.5	<.5
INFLUENT 2907 CHURCHVILLE	11/27/2024	<0.5	<0.5	<0.5	<0.50	<10	<0.5	<0.5
INFLUENT 2907 CHURCHVILLE	02/07/2025	<0.5	<0.5	<0.5	<0.50	<10	<0.5	<0.5
INTER 1 2907 CHURCHVILLE	01/10/2019	ND	ND	ND	ND	ND	ND	ND
INTER 1 2907 CHURCHVILLE	03/07/2019	ND	ND	ND	ND	ND	ND	ND
INTER 1 2907 CHURCHVILLE	06/14/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	09/04/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	12/30/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	03/24/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	06/01/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	09/22/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	12/18/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	03/17/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	06/21/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	09/13/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	12/09/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	03/18/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	06/21/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	09/30/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	12/16/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	03/14/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	06/16/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	09/20/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 1 2907 CHURCHVILLE	12/18/2023	<.5	<.5	<.5	<.5	<10	0.75	<.5
INTER 1 2907 CHURCHVILLE	04/12/2024	<.5	<.5	<.5	<.5	<10	0.52	<.5
INTER 1 2907 CHURCHVILLE	05/08/2024	<.5	<.5	<.5	<.5	<10	1.9	<.5
INTER 1 2907 CHURCHVILLE	08/06/2024	<.5	<.5	<.5	<.5	<10	0.93	<.5
INTER 1 2907 CHURCHVILLE	11/27/2024	<0.5	<0.5	<0.5	<0.50	<10	<0.5	<0.5
INTER 1 2907 CHURCHVILLE	02/07/2025	<0.5	<0.5	<0.5	<0.50	<10	<0.5	<0.5
INTER 2 2907 CHURCHVILLE	01/10/2019	ND	ND	ND	ND	ND	ND	ND

ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	tert-Butyl Alcohol (TBA)	Methyl tert-Butyl Ether	Naphthalene
MDE GNCS, TYPE I AND II AQUIFERS		5	1000	700	10000	NG	20	0.65
INTER 2 2907 CHURCHVILLE	03/07/2019	ND	ND	ND	ND	ND	ND	ND
INTER 2 2907 CHURCHVILLE	06/14/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	09/04/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	12/30/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	03/24/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	06/01/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	09/22/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	12/18/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	03/17/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	06/21/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	09/13/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	12/09/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	03/18/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	06/21/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	09/30/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	12/16/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	03/14/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	06/16/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	09/20/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	12/18/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	04/12/2024	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	05/08/2024	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	08/06/2024	<.5	<.5	<.5	<.5	<10	<.5	<.5
INTER 2 2907 CHURCHVILLE	11/27/2024	<0.5	<0.5	<0.5	<0.50	<10	<0.5	<0.5
INTER 2 2907 CHURCHVILLE	02/07/2025	<0.5	<0.5	<0.5	<0.50	<10	<0.5	<0.5
EFFLUENT 2907 CHURCHVILLE	01/10/2019	ND	ND	ND	ND	ND	ND	ND
EFFLUENT 2907 CHURCHVILLE	03/07/2019	ND	ND	ND	ND	ND	ND	ND
EFFLUENT 2907 CHURCHVILLE	06/14/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	09/04/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	12/30/2019	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	03/24/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	06/01/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	09/22/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	12/18/2020	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	03/17/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	06/21/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	09/13/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	12/09/2021	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	03/18/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	06/21/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	09/30/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	12/16/2022	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	03/14/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	06/16/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	09/20/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	12/18/2023	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	04/12/2024	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	05/08/2024	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	08/06/2024	<.5	<.5	<.5	<.5	<10	<.5	<.5
EFFLUENT 2907 CHURCHVILLE	11/27/2024	<0.5	<0.5	<0.5	<0.50	<10	<0.5	<0.5
EFFLUENT 2907 CHURCHVILLE	02/07/2025	<0.5	<0.5	<0.5	<0.50	<10	<0.5	<0.5

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:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A011**

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:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A011**

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	%	100	EPA 524.2
Toluene-d8	%	101	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:	**INTER 1**	**Project Identification:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A014**

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	163	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	796	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:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A014**

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	%	105	EPA 524.2
Toluene-d8	%	101	EPA 524.2
Bromofluorobenzene	%	94	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:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A014**

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	147	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:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A014**

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	%	105	EPA 524.2
Toluene-d8	%	101	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 3**	**Project Identification:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A013**

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	132	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

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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 3**	**Project Identification:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A013**

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	%	108	EPA 524.2
Dibromofluoromethane	%	105	EPA 524.2
Toluene-d8	%	102	EPA 524.2
Bromofluorobenzene	%	93	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:	**INFLUENT**	**Project Identification:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A016**

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	186	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	1100	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	27	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	9.54	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	10	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	74.8	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:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A016**

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	%	98	EPA 524.2
Toluene-d8	%	100	EPA 524.2
Bromofluorobenzene	%	97	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:	**EFFLUENT**	**Project Identification:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A012**

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	106	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:**	**2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**1/13/2025**	**Client Telephone:**	
Date Received:	**1/23/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**1/26/2025**	**Lab File:**	**12625A012**

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	%	109	EPA 524.2
Dibromofluoromethane	%	103	EPA 524.2
Toluene-d8	%	102	EPA 524.2
Bromofluorobenzene	%	94	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

Page__ of__

Client: CIFCO			Project Name: CMF Churchville				SDG#						
Address: 18 Loveton circle Sparks MD			Project Location: 2906 Churchville Rd.				Preservatives						
			Phone: Fax:				Requested Analysis						Observation
Contact:			Email:				2 HCl						
Sample By: JE			Receive Completed Report Via (Circle One) U.S. Mail Email Fax										
	Sample#	Sample ID	Date	Time	Matrix	OH							
1	1	Trip	1/13/25		O	<2	✓						no chlorine
2	2	Inter-1	↓		DW	<2	✓						
3		Inter-2			↓	<2	✓						
4		Inter-3				<2	✓						
5		INFL				<2	✓						
6		EFFL	↓		↓	<2	✓						
7													
8													
9													
10													

Relinquished/Received By Signature	Date	Time	Delivery Method
Relinquished By: [signature]	1/13/25		
Received By:			
Relinquished By:			
Received By: [signature]	1/23/25		
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 3 Day 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:	**2906 INFLUENT**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A012**

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	202	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	679	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	7.81	EPA 524.2
tert-Amyl Alcohol (TAA)	10	ug/L	11.2	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	68.4	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:	**2906 INFLUENT**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A012**

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	%	100	EPA 524.2
Dibromofluoromethane	%	96	EPA 524.2
Toluene-d8	%	100	EPA 524.2
Bromofluorobenzene	%	95	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:	**2906 Intermediate 1**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A013**

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	183	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	664	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:	**2906 Intermediate 1**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A013**

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	%	105	EPA 524.2
Dibromofluoromethane	%	103	EPA 524.2
Toluene-d8	%	104	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:	**2906 Intermediate 2**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A014**

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	158	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:	**2906 Intermediate 2**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A014**

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	%	108	EPA 524.2
Dibromofluoromethane	%	104	EPA 524.2
Toluene-d8	%	102	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:	**2906 Intermediate 3**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A015**

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	150	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:	**2906 Intermediate 3**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A015**

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	%	105	EPA 524.2
Toluene-d8	%	100	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:	**2906 EFFLUENT**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A016**

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	126	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:	**2906 EFFLUENT**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A016**

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	%	114	EPA 524.2
Dibromofluoromethane	%	107	EPA 524.2
Toluene-d8	%	102	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:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A017**

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:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A017**

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	%	115	EPA 524.2
Dibromofluoromethane	%	108	EPA 524.2
Toluene-d8	%	103	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 Intermediate 1**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A018**

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 Intermediate 1**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A018**

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	%	103	EPA 524.2
Toluene-d8	%	100	EPA 524.2
Bromofluorobenzene	%	91	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:	**2907 Intermediate 2**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A019**

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 Intermediate 2**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A019**

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	%	116	EPA 524.2
Dibromofluoromethane	%	108	EPA 524.2
Toluene-d8	%	101	EPA 524.2
Bromofluorobenzene	%	95	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:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A020**

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:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A020**

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	%	117	EPA 524.2
Dibromofluoromethane	%	108	EPA 524.2
Toluene-d8	%	103	EPA 524.2
Bromofluorobenzene	%	94	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:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**2/10/2025**	**Analyst:**	**MM**
Analysis Date:	**2/11/2025**	**Lab File:**	**21137**

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:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**2/10/2025**	**Analyst:**	**MM**
Analysis Date:	**2/11/2025**	**Lab File:**	**21137**

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	%	119	EPA 8260
Dibromofluoromethane	%	111	EPA 8260
TFT	%	106	EPA 8015B
Toluene-d8	%	100	EPA 8260
Bromofluorobenzene	%	98	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:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**2/10/2025**	**Analyst:**	**MM**
Analysis Date:	**2/11/2025**	**Lab File:**	**21138**

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	3.4	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-2**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**2/10/2025**	**Analyst:**	**MM**
Analysis Date:	**2/11/2025**	**Lab File:**	**21138**

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	7.44	EPA 8260
Bromobenzene	1	ug/L	ND	EPA 8260
n-Propylbenzene	1	ug/L	5.66	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	2.43	EPA 8260
tert-Butylbenzene	1	ug/L	ND	EPA 8260
1,2,4-Trimethylbenzene	1	ug/L	8.04	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	1.17	EPA 8260
n-Butylbenzene	1	ug/L	4.09	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	370	EPA 8015B
TPH DRO	40	ug/L	ND	EPA 8015B

SURROGATE SPIKE

1,2-Dichloroethane-d4	%	112	EPA 8260
Dibromofluoromethane	%	102	EPA 8260
TFT	%	106	EPA 8015B
Toluene-d8	%	95	EPA 8260
Bromofluorobenzene	%	101	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:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**2/10/2025**	**Analyst:**	**MM**
Analysis Date:	**2/11/2025**	**Lab File:**	**21139**

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	22.7	EPA 8260
1,1-Dichloroethane	1	ug/L	ND	EPA 8260
Diisopropyl Ether (DIPE)	1	ug/L	5.38	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	1.23	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

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Certificate of Analysis

Sample Identification:	**MW-7**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**2/10/2025**	**Analyst:**	**MM**
Analysis Date:	**2/11/2025**	**Lab File:**	**21139**

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	%	100	EPA 8260
Dibromofluoromethane	%	101	EPA 8260
TFT	%	103	EPA 8015B
Toluene-d8	%	99	EPA 8260
Bromofluorobenzene	%	98	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:	**TRIP BLANK**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A011**

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

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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:	**TRIP BLANK**	**Project Identification:**	**CMF CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**2/7/2025**	**Client Telephone:**	
Date Received:	**2/10/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**2/20/2025**	**Lab File:**	**22025A011**

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	%	97	EPA 524.2
Toluene-d8	%	101	EPA 524.2
Bromofluorobenzene	%	91	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
Address: 18 Loveton Circle, Sparks MD 21152
Contact: Herb Meade
Sample By: Jack Eberhardt

Project Name: CMF Churchville
Project Location: 2906 Churchville Rd
Phone: **Fax:**
Email:
Receive Completed Report Via (Circle One): U.S. Mail Email Fax

SDG#

Preservatives: 1:1 HCL Water Samples

Requested Analysis: TPH GRO DRO 8015; VOCs 8260; 524.2

	Sample #	Sample ID	Date	Time	Matrix	pH	524.2	Observation
1		2906 Influent	02/07/25		Water	<2	X	No Chlorine
2		2906 Intermediate 1				<2		
3		2906 Intermediate 2				<2		
4		2906 Intermediate 3				<2		
5		2906 Effluent				<2		
6		2907 Influent				<2		
7		2907 Intermediate 1				<2		
8		2907 Intermediate 2				<2		
9		2907 Effluent				<2		
10		Trip				<2		

Relinquished/Received By Signature	Date	Time	Delivery Method
Relinquished By: [signature]	2/7/25		
Received By:			
Relinquished By:			
Received By: [signature]	2/10/25		
Relinquished By:			
Received By:			

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

Special Instructions / Comments / QC Requirements:

Lab Use Only

Temp of Cooler: <4°C
Ice Present (Y/N): Y
Custody Seal (Y/N): N
Date of Extraction: N/A

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

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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:** CMF Churchville	**SDG#**
Address: 18 Loveton Circle Sparks MD 21152	**Project Location:** 2906 Churchville Rd **Phone:** **Fax:**	**Preservatives** 1:1 HCL Water Samples
Contact: Herb Meade	**Email:**	**Requested Analysis**
Sample By: Jack Eberhardt	**Receive Completed Report Via (Circle One)** U.S. Mail Email Fax	

	Sample #	Sample ID	Date	Time	Matrix	pH	TPH GRO DRO 8015	VOCs 8260	524.2				Observation
1		MW-1	02/07/25		Water		X	X					
2		MW-2	"	"	"		"	"					
3		MW-7	"	"	"		"	"					
4													
5													
6													
7													
8													
9													
10													

Relinquished/Received By Signature	Date	Time	Delivery Method
Relinquished By: [signature]	2/7/25		
Received By:			
Relinquished By:			
Received By: [signature]	2/10/25		
Relinquished By:			
Received By:			

Lab Use Only

Temp of Cooler 4°C

Ice Present (Y/N) Y

Custody Seal (Y/N) N

Date of Extraction 2/10/25

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

Special Instructions / Comments / QC Requirements:

Turn Around Time: (STD) 1 Day 2 Day 3 Day 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:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A012**

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

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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:	**TRIP BLANK**	**Project Identification:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A012**

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	%	99	EPA 524.2
Toluene-d8	%	99	EPA 524.2
Bromofluorobenzene	%	92	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:	**INFLUENT**	**Project Identification:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A017**

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	155	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	2160	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	27.4	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	7.96	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	77.9	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:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A017**

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	%	100	EPA 524.2
Dibromofluoromethane	%	96	EPA 524.2
Toluene-d8	%	100	EPA 524.2
Bromofluorobenzene	%	95	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 1**	**Project Identification:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A016**

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	130	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	1087	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:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A016**

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	%	108	EPA 524.2
Dibromofluoromethane	%	103	EPA 524.2
Toluene-d8	%	103	EPA 524.2
Bromofluorobenzene	%	93	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 2**	**Project Identification:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A015**

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	197	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

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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:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A015**

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	%	101	EPA 524.2
Toluene-d8	%	102	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 3**	**Project Identification:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A014**

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	148	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:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A014**

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	%	105	EPA 524.2
Dibromofluoromethane	%	105	EPA 524.2
Toluene-d8	%	103	EPA 524.2
Bromofluorobenzene	%	94	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:	**EFFLUENT**	**Project Identification:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A013**

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	139	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:**	**CMF 2906 CHURCHVILLE**
MATRIX:	**water**	**Client Identification:**	**CARROLL FUEL**
Sample Date:	**3/28/2025**	**Client Telephone:**	
Date Received:	**4/4/2025**	**Client Fax:**	
Extraction Date:	**na**	**Analyst:**	**MM**
Analysis Date:	**4/9/2025**	**Lab File:**	**40925A013**

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	%	103	EPA 524.2
Toluene-d8	%	101	EPA 524.2
Bromofluorobenzene	%	91	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

Page ____ of ____

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

	Sample #	Sample ID	Date	Time	Matrix	pH	Observation
1	1	Trip	3/28/25		DW	<2	no Chlorine
2	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
Relinquished By: [signature]	3/28/25		
Received By:			
Relinquished By:			
Received By: [signature]	4/4/25		
Relinquished By:			
Received By:			

Lab Use Only

Temp of Cooler <4°C

Ice Present (Y/N)

Custody Seal (Y/N)

Date of Extraction 4/4

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

Special Instructions / Comments / QC Requirements:

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