



Advanced Environmental Concepts, Inc.

1751-1 Pulaski Highway Havre de Grace, MD 21078 (410) 939-5550

Groundwater Sampling Report Q4 2023

Site Location:

Pantry One Food Mart
1897 Conowingo Road
Rising Sun, MD

MDE Case # 2019-0724-CE
Facility ID: 11347

Prepared For:

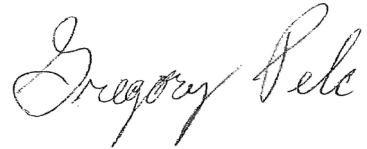
Mr. Aijaz Shaikh

December , 2023

SIGNATURE SHEET

Report Prepared by:

Name: Gregory Pelc

A handwritten signature in cursive script that reads "Gregory Pelc". The signature is written in black ink and is positioned below the printed name.

Title: Sr. Project Manager

Company: Advanced Environmental Concepts, Inc.

Address: 1751 Pulaski Hwy

City/State/Zip: Havre de Grace, Maryland 21078

Telephone: (410) 939-5550

Table of Contents

1.0 Introduction	2
2.0 Groundwater Monitoring.....	2
2.1 Monitoring Well Sampling & Gauging.....	2
2.2 Domestic Supply Well Sampling	2
2.3 Off Site Domestic Supply Well Sampling	2
3.0 Results of Groundwater Sampling	2
3.1 Groundwater Elevation	2
3.2 Monitoring Well Sampling Results.....	2
3.3 Domestic Supply Well Sampling Results	3
3.4 Off Site Domestic Supply Well Sampling Results	3
4.0 Future Activities.....	3
5.0 Appendices	3
Appendix A.....	4
Site Maps.....	4
Appendix B.....	5
Groundwater Gauging & Analytical Tables	5
Appendix C.....	6
Report of Analysis & Chain of Custody Record.....	6

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 Pantry One Food Mart located at 1897 Conowingo Road, Rising Sun, MD; referred to herein as the "site".

2.0 Groundwater Monitoring

2.1 Monitoring Well Sampling & Gauging

On 12/11/2023 AEC personnel arrived on site to gauge and sample all site monitoring wells. 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 collected were delivered to AEC's laboratory to be analyzed by EPA Method 8260 for volatile organic compounds (VOCs) and by EPA Method 8015 for total petroleum hydrocarbons - diesel and gasoline range organics (TPH-DRO/GRO).

2.2 Domestic Supply Well Sampling

On 12/11/2023 a sample was collected from the site's domestic supply well (DSW). The sample was collected using standard sampling procedure by an MDE certified drinking water sampler. Domestic supply wells samples collected were delivered to AEC's laboratory to be analyzed for VOCs by EPA Method 524.2.

2.3 Off Site Domestic Supply Well Sampling

On 12/11/2023 samples were collected from the POET system located at 1894 Conowingo Road.

Samples were collected using standard sampling procedure by an MDE certified drinking water sampler. Domestic supply wells samples collected were delivered to AEC's laboratory to be analyzed for VOCs by EPA Method 524.2.

3.0 Results of Groundwater Sampling

3.1 Groundwater Elevation

AEC constructed a groundwater elevation contour map based upon depth to groundwater measurements collected on 12/11/2023 which depicts groundwater flow to be to the north-northeast. Relative groundwater elevation observed during the sampling event ranged from 257.75 feet in MW-3 (highest) to 250.23 feet in MW-2 (lowest). The groundwater elevation contour map can be found in Appendix A.

3.2 Monitoring Well Sampling Results

Method detectable concentrations of VOCs were observed in the groundwater samples collected from MW-2 and MW-3. Method detectable concentrations were not observed in the sample collected at location MW-1.

Samples collected from MW-2 contained concentrations which exceed the MDE GNCS to include:

- TPH-GRO - 463 ug/L

Laboratory method detectable concentrations at location MW-3 were below the MDE GNCS during the 12/11/2023 sampling event.

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

3.3 Domestic Supply Well Sampling Results

Method detectable concentrations were not observed in the drinking water sample collected from the onsite supply well. A Quick Reference Groundwater Sampling Summary Table which summarizes groundwater sampling analytical results can be found in Appendix B. A full Report of Analysis and Chain of Custody Record can be found in Appendix C.

3.4 Off Site Domestic Supply Well Sampling Results

Method detectable concentrations of VOCs were observed in the samples collected pre, intermediate 1, and intermediate 2 treatment in the drinking water from the POET system located at 1894 Conowingo Road. Method detectable concentrations were not observed in the effluent (post) treatment samples.

A Quick Reference Groundwater Sampling Summary Table which summarizes off site DSW sampling analytical results can be found in Appendix B. A full Report of Analysis and Chain of Custody Record can be found in Appendix C.

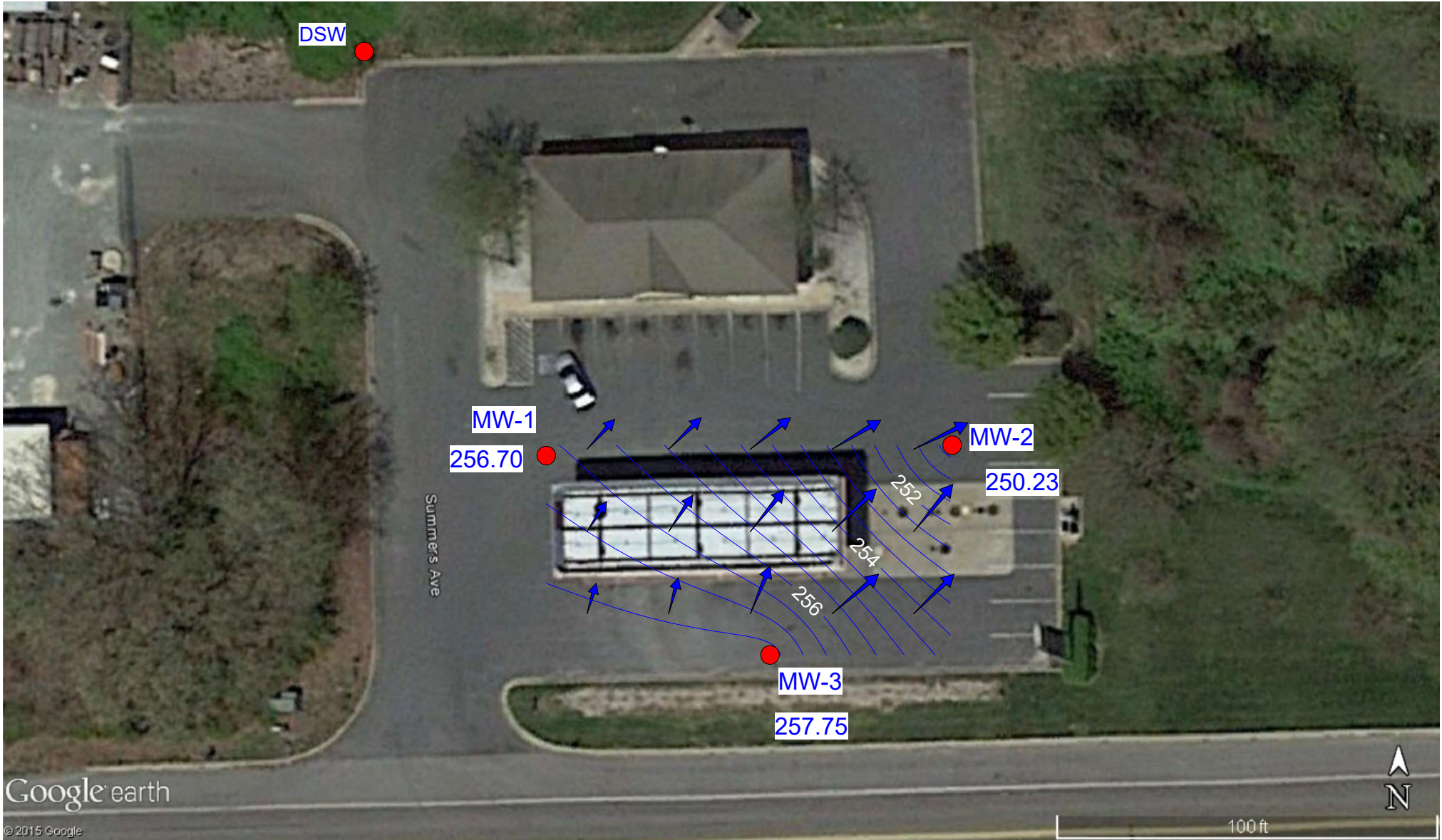
4.0 Future Activities

The next quarterly sampling event is scheduled for March of 2024 to include the sampling of the DSW POET system located at 1894 Conowingo Road.

5.0 Appendices

Appendix A
Site Maps





Appendix B
Groundwater Gauging & Analytical Tables

Pantry One Market
1897 Conowingo Road, Rising Sun, MD 21911
Monitoring Well Gauging Summary Table

Well ID	Date of Sample	Depth to Product	Depth to Groundwater	LPH Thickness	GW Elevation
MW-1	4/9/2015	ND	55.26	ND	259.74
TOC Elevation =	6/8/2016	ND	54.31	ND	260.69
315.00	6/10/2019	ND	47.70	ND	267.30
	9/11/2019	ND	50.05	ND	264.95
	12/18/2019	ND	59.50	ND	255.50
	3/26/2020	ND	57.77	ND	257.23
	6/25/2020	ND	54.90	ND	260.10
	11/4/2020	ND	57.47	ND	257.53
	3/19/2021	ND	54.44	ND	260.56
	9/9/2021	ND	52.32	ND	262.68
	6/21/2022	ND	54.55	ND	260.45
	12/12/2022	ND	57.61	ND	257.39
	6/22/2023	ND	55.73	ND	259.27
	12/11/2023	ND	58.30	ND	256.70
MW-2	4/9/2015	ND	59.21	ND	254.94
TOC Elevation =	6/8/2016	ND	58.72	ND	255.43
314.15	6/10/2019	ND	45.20	ND	268.95
	9/11/2019	ND	55.04	ND	259.11
	12/18/2019	ND	56.80	ND	257.35
	3/26/2020	ND	61.56	ND	252.59
	6/25/2020	ND	59.34	ND	254.81
	11/4/2020	ND	62.80	ND	251.35
	3/19/2021	ND	59.02	ND	255.13
	9/9/2021	ND	57.12	ND	257.03
	6/21/2022	ND	59.17	ND	254.98
	12/12/2022	ND	63.04	ND	251.11
	6/22/2023	ND	60.45	ND	253.70
	12/11/2023	ND	63.92	ND	250.23
MW-3	4/9/2015	ND	50.95	ND	262.49
TOC Elevation =	6/8/2016	ND	51.12	ND	262.32
313.44	6/10/2019	ND	46.67	ND	266.77
	9/11/2019	ND	48.10	ND	265.34
	12/18/2019	ND	49.67	ND	263.77
	3/26/2020	ND	54.47	ND	258.97
	6/25/2020	ND	50.26	ND	263.18
	11/4/2020	ND	50.59	ND	262.85
	3/19/2021	ND	48.92	ND	264.52
	9/9/2021	ND	48.31	ND	265.13
	6/21/2022	ND	50.38	ND	263.06
	12/12/2022	ND	54.80	ND	258.64
	6/22/2023	ND	51.38	ND	262.06
	12/11/2023	ND	55.69	ND	257.75

ND - Non-detect
NA - Not Applicable

Pantry One Market
1897 Conowingo Road, Rising Sun, MD 21911
Monitoring Well Sampling Analytical Summary Table

Well ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Naphthalene	MTBE	Ethanol	TBA	TPH-DRO	TPH-GRO
MDE GNCS CLEANUP Type I&II Aquifers		5	1000	700	10000	NG	10	20	NG	NG	47	47
MW-1	4/9/2015	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS
	6/8/2016	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS
	6/10/2019	< 5	40.1	< 5	7.11	47.2	< 5	< 5	NS	< 50	NS	NS
	9/11/2019	< 5	28.8	10.1	22.0	60.9	< 5	< 5	< 10	< 50	< 500	< 100
	12/18/2019	< 5	< 5	< 5	< 10	< 25	< 5	< 5	< 10	< 50	< 500	< 100
	3/26/2020	< 5	< 5	< 5	< 10	< 25	< 5	< 5	NS	< 50	< 500	< 100
	6/25/2020	< 5	< 5	< 5	< 10	< 25	< 5	< 5	NS	< 50	< 500	< 100
	11/4/2020	< 5	< 5	< 5	< 10	< 25	< 5	< 5	NS	< 50	< 500	< 100
	3/19/2021	< 1	< 1	< 1	< 3	< 6	< 1	< 1	NS	< 25	< 40	< 40
	9/9/2021	< 1	< 1	< 1	< 3	< 6	< 1	< 1	< 10	< 25	< 40	< 40
	6/21/2022	< 1	< 1	< 1	< 3	< 6	< 1	< 1	< 10	< 25	< 40	< 40
	12/12/2022	< 1	< 1	< 1	< 3	< 6	< 1	< 1	< 10	< 25	< 40	< 40
	6/22/2023	< 1	< 1	< 1	< 3	< 6	< 1	< 1	< 10	< 25	< 40	< 40
	12/11/2023	< 1	< 1	< 1	< 3	< 6	< 1	< 1	NS	< 25	< 40	< 40
MW-2	4/9/2015	37.1	ND	6.84	5.16	49.1	5.16	ND	NS	6.74	NS	NS
	6/8/2016	320	25.3	197	350	892	134	12.8	NS	14.7	NS	NS
	6/10/2019	2320	16100	2440	12020	32880	680	34.9	NS	1,840	NS	NS
	9/11/2019	232	< 5	387	946	1565	193	11.2	< 10	910	< 500	7200
	12/18/2019	281	< 5	497	1093	1871	82.6	7.29	< 10	153	< 500	4100
	3/26/2020	75.7	124	73.5	177	450	65.4	7.55	NS	450	< 500	2460
	6/25/2020	45.4	66.9	39.9	90.9	243	31.2	6.48	NS	538	< 500	2210
	11/4/2020	102	28.4	63.3	213	407	109	10.8	NS	613	< 500	2670
	3/19/2021	114	40.1	70.9	225	450	116	13.9	NS	91.1	< 40	1550
	9/9/2021	224	4.43	256	338	822	210	13.5	< 10	128	< 40	2200
	6/21/2022	72.9	< 1	85.7	136	295	92.6	17.9	< 10	364	< 40	1730
	12/12/2022	39	< 1	56.9	31.4	127	44.8	12.7	< 10	105	< 40	1120
	6/22/2023	< 1	< 1	36.0	13.0	49.0	9.48	14.2	NS	213	< 40	740
	12/11/2023	3.96	< 1	2.88	1.19	8.03	< 1	9.9	NS	333	< 40	463
MW-3	4/9/2015	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS
	6/8/2016	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS
	6/10/2019	9.21	< 5	< 5	< 10	< 25	< 5	< 5	NS	< 50	NS	NS
	9/11/2019	79.3	29.1	7.06	5.35	121	< 5	< 5	< 10	< 50	< 500	410
	12/18/2019	106	8.29	< 5	7.53	122	< 5	< 5	< 10	< 50	< 500	220
	3/26/2020	215	< 5	< 5	< 10	215	< 5	< 5	NS	< 50	< 500	740
	6/25/2020	193	10.0	< 5	< 10	203	< 5	< 5	NS	< 50	< 500	520
	11/4/2020	125	< 5	< 5	< 10	125	< 5	< 5	NS	< 50	< 500	310
	3/19/2021	67.5	< 1	< 1	< 3	67.5	< 1	2.62	NS	< 25	< 40	140
	9/9/2021	13.1	< 1	< 1	< 3	13.1	< 1	1.87	< 10	< 25	< 40	70.2
	6/21/2022	93.4	12.9	100	34.5	241	32.3	22.0	< 10	25.7	< 40	720
	12/12/2022	17.2	< 1	17.8	< 3	35.0	5.92	13.5	< 10	< 25	< 40	275
	6/22/2023	63.3	2.01	71.1	20.1	157	18.4	17.4	NS	< 25	< 40	530
	12/11/2023	< 1	< 1	< 1	< 3	< 6	< 1	3.85	NS	< 25	< 40	< 40

Groundwater Sampling Data reported in ug/L

Values exceeding the specified MDE criteria are **bolded**

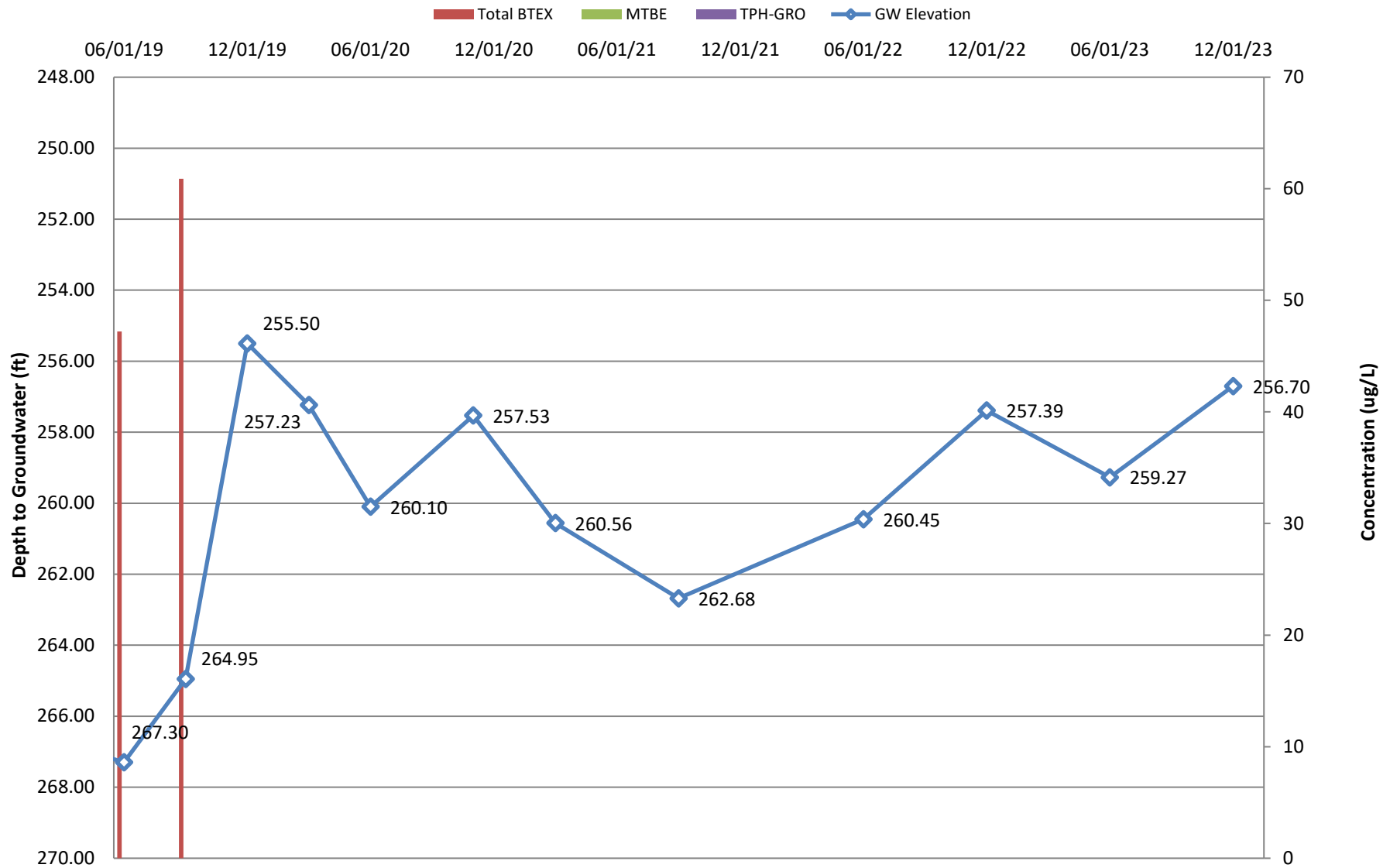
ND - Concentrations below method detectable levels

NA - Not Applicable

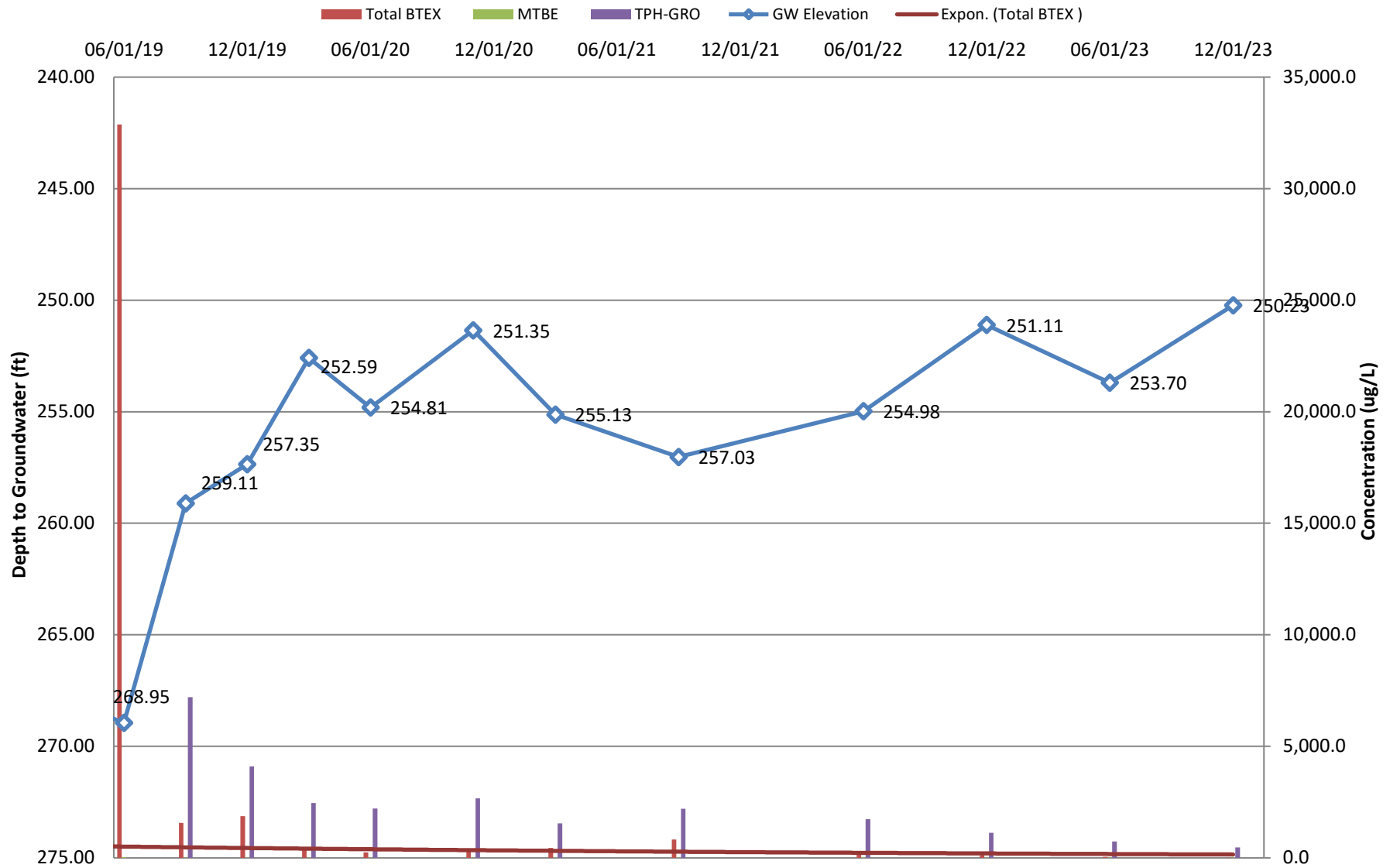
NG - No Guidance

NS - Not Sampled

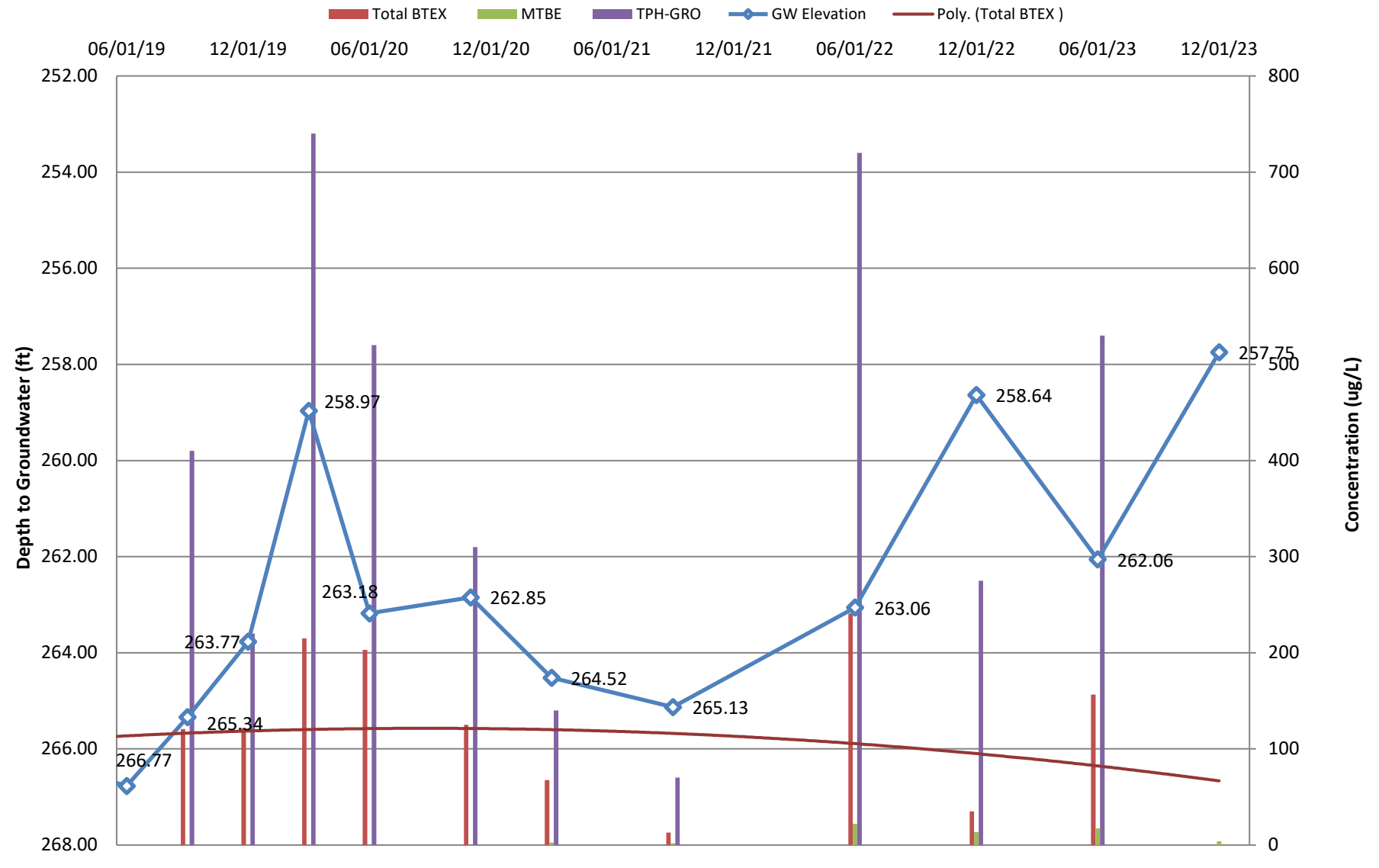
Pantry One Market
1897 Conowingo Road, Rising Sun, MD 21911
MW-1 Groundwater Elevation vs. VOCs & TPH-GRO



Pantry One Market
1897 Conowingo Road, Rising Sun, MD 21911
MW-2 Groundwater Elevation vs. VOCs & TPH-GRO



Pantry One Market
1897 Conowingo Road, Rising Sun, MD 21911
MW-3 Groundwater Elevation vs. VOCs & TPH-GRO



Pantry One Market
 1897 Conowingo Road, Rising Sun, MD 21911
 DSW Sampling Summary Table

ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	Ethanol	TBA
MDE GNCS, Type I and II Aquifers		5	1000	700	10000	NG	20	NG	NG
DSW	4/9/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10
	6/8/2016	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10
	6/10/2019	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10
	9/11/2019	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10
	12/18/2019	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10
	3/26/2020	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10
	6/25/2020	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10
	11/4/2020	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10
	3/19/2021	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NS	< 10
	9/9/2021	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10
	9/7/2022	< 0.5	< 0.5	< 0.5	<1.0	<2.5	< 0.5	NS	< 10
	12/11/2023	< 0.5	< 0.5	< 0.5	<1.0	<2.5	< 0.5	NS	< 10

Groundwater Sampling Data reported in ug/L

Values exceeding the specified MDE GNCS are **bolded**.

ND = Not detectable at method limits

NG = No Guideline

Pantry One Market
1897 Conowingo Road, Rising Sun, MD 21911
Offsite DSW Sampling Summary Table

ID	Date	Ethanol	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	Naphthalene	PCE	Chloroform	TBA
MDE GNCS, Type I and II Aquifers		NG	5	1000	700	10000	NG	20	0.17	5	80	NG
1894 Conowingo Road Influent	6/19/2019	< 10.0	1.83	< 0.5	< 0.5	0.72	< 2.5	< 0.5	0.5	0.5	< 0.5	13.1
	9/11/2019	< 10.0	16.7	< 0.5	1.17	1.24	19.1	1.29	3.83	< 0.5	< 0.5	81.3
	12/16/2019	< 10.0	9.12	< 0.5	< 0.5	< 1.0	9.1	< 0.5	1.22	< 0.5	< 0.5	15.4
	3/26/2020	NS	7.17	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	2.35	< 0.5	< 0.5	30.3
	6/25/2020	< 10.0	1.15	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	30.1
	11/4/2020	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	50.8
	3/18/2021	NS	3.11	< 0.5	1.64	< 1.0	4.75	2.99	< 0.5	< 0.5	< 0.5	< 10.0
	9/9/2021	< 10.0	6.96	< 0.5	< 0.5	< 1.0	6.96	2.56	< 0.5	< 0.5	< 0.5	< 10.0
	12/13/2021	NS	0.94	< 0.5	< 0.5	< 1.0	0.94	4.45	< 0.5	< 0.5	< 0.5	< 10.0
	6/21/2022	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	2.16	< 0.5	< 0.5	< 0.5	< 10.0
	9/7/2022	NS	2.04	< 0.5	< 0.5	< 1.0	< 2.5	3.36	< 0.5	< 0.5	< 0.5	< 10.0
	12/12/2022	NS	0.66	< 0.5	< 0.5	< 1.0	< 2.5	3.83	< 0.5	< 0.5	< 0.5	< 10.0
	3/22/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	4.78	< 0.5	< 0.5	< 0.5	< 10.0
	6/22/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	9/12/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	2.49	< 0.5	< 0.5	< 0.5	< 10.0
12/11/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	3.18	< 0.5	< 0.5	< 0.5	3.05	
1894 Conowingo Road Inter 1	9/11/2019	< 10.0	10.2	< 0.5	0.79	0.68	< 2.5	1.24	3.78	< 0.5	< 0.5	74.3
	12/16/2019	< 10.0	10.1	< 0.5	< 0.5	< 1.0	10.1	< 0.5	1.28	< 0.5	< 0.5	14.9
	3/26/2020	NS	5.99	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	1.92	< 0.5	< 0.5	29.7
	6/25/2020	< 10.0	1.18	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	32.7
	11/4/2020	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	46.7
	3/18/2021	NS	2.62	< 0.5	< 0.5	< 1.0	2.62	2.93	< 0.5	< 0.5	< 0.5	< 10.0
	9/9/2021	< 10.0	4.36	< 0.5	< 0.5	< 1.0	4.36	2.61	< 0.5	< 0.5	< 0.5	< 10.0
	12/13/2021	NS	0.74	< 0.5	< 0.5	< 1.0	0.74	5.48	< 0.5	< 0.5	< 0.5	< 10.0
	6/21/2022	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	2.22	< 0.5	< 0.5	< 0.5	< 10.0
	9/7/2022	NS	2.27	< 0.5	< 0.5	< 1.0	< 2.5	3.40	< 0.5	< 0.5	< 0.5	< 10.0
	12/12/2022	NS	0.55	< 0.5	< 0.5	< 1.0	< 2.5	3.36	< 0.5	< 0.5	< 0.5	< 10.0
	3/22/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	4.20	< 0.5	< 0.5	< 0.5	< 10.0
	6/22/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	2.99	< 0.5	< 0.5	< 0.5	< 10.0
	9/12/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	2.20	< 0.5	< 0.5	< 0.5	< 10.0
	12/11/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	3.14	< 0.5	< 0.5	< 0.5	3.40
1894 Conowingo Road Inter 2	9/11/2019	< 10.0	11.3	< 0.5	0.79	< 1.0	< 2.5	1.22	3.53	< 0.5	< 0.5	107
	12/16/2019	< 10.0	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	17.3
	3/26/2020	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	30.9
	6/25/2020	< 10.0	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	31.9
	11/4/2020	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	32.5
	3/18/2021	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	9/9/2021	< 10.0	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	12/13/2021	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	6/21/2022	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	9/7/2022	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	12/12/2022	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	3/22/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	6/22/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	9/12/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	12/11/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	1.57
1894 Conowingo Road Effluent	9/11/2019	< 10.0	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	82.1
	12/16/2019	< 10.0	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	14.6
	3/26/2020	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	27.7
	6/25/2020	< 10.0	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	35.6
	11/4/2020	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	49.8
	3/18/2021	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	9/9/2021	< 10.0	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	12/13/2021	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	6/21/2022	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	9/7/2022	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	12/12/2022	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	2.84	< 0.5	< 0.5	< 0.5	< 10.0
	3/22/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	6/22/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	9/12/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0
	12/11/2023	NS	< 0.5	< 0.5	< 0.5	< 1.0	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10.0

Groundwater Sampling Data reported in ug/L.
Values exceeding the specified MDE GNCS are **bolded**.
ND = Not detectable at method limits
NG = No Guideline

Appendix 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:	MW-1	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	12/18/2023	Analyst:	MM
Analysis Date:	12/21/2023	Lab File:	122123A014

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:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	12/18/2023	Analyst:	MM
Analysis Date:	12/21/2023	Lab File:	122123A014

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	%	137	EPA 8260
Dibromofluoromethane	%	106	EPA 8260
TFT	%	110	EPA 8015B
Toluene-d8	%	106	EPA 8260
Bromofluorobenzene	%	108	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:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	12/18/2023	Analyst:	MM
Analysis Date:	12/21/2023	Lab File:	122123A015

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	333	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	9.94	EPA 8260
1,1-Dichloroethane	1	ug/L	ND	EPA 8260
Diisopropyl Ether (DIPE)	1	ug/L	4.02	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	105	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	3.96	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	6.8	EPA 8260
Ethylbenzene	1	ug/L	2.88	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:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	12/18/2023	Analyst:	MM
Analysis Date:	12/21/2023	Lab File:	122123A015

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	1.19	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	463	EPA 8015B
TPH DRO	40	ug/L	ND	EPA 8015B

SURROGATE SPIKE

1,2-Dichloroethane-d4		%	126	EPA 8260
Dibromofluoromethane		%	104	EPA 8260
TFT		%	106	EPA 8015B
Toluene-d8		%	104	EPA 8260
Bromofluorobenzene		%	115	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-3	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	12/18/2023	Analyst:	MM
Analysis Date:	12/21/2023	Lab File:	122123A016

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	3.85	EPA 8260
1,1-Dichloroethane	1	ug/L	ND	EPA 8260
Diisopropyl Ether (DIPE)	1	ug/L	2.62	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-3	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	12/18/2023	Analyst:	MM
Analysis Date:	12/21/2023	Lab File:	122123A016

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	%	133	EPA 8260
Dibromofluoromethane	%	105	EPA 8260
TFT	%	105	EPA 8015B
Toluene-d8	%	104	EPA 8260
Bromofluorobenzene	%	114	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:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A008

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:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A008

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	%	101	EPA 524.2
Bromofluorobenzene	%	98	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:	1894 INFLUENT	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A013

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	3.05	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	3.18	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	0.76	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:	1894 INFLUENT	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A013

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	%	124	EPA 524.2
Dibromofluoromethane	%	104	EPA 524.2
Toluene-d8	%	106	EPA 524.2
Bromofluorobenzene	%	106	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:	1894 INTER 1	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A012

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	3.4	EPA 524.2
Methylene Chloride	0.5	ug/L	ND	EPA 524.2
trans-1,2-Dichloroethene	0.5	ug/L	ND	EPA 524.2
Methyl tert-Butyl Ether (MtBE)	0.5	ug/L	3.14	EPA 524.2
1,1-Dichloroethane	0.5	ug/L	ND	EPA 524.2
Diisopropyl Ether (DIPE)	0.5	ug/L	0.69	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:	1894 INTER 1	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A012

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	%	127	EPA 524.2
Dibromofluoromethane	%	106	EPA 524.2
Toluene-d8	%	107	EPA 524.2
Bromofluorobenzene	%	106	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:	1894 INTER 2	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A011

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	1.57	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:	1894 INTER 2	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A011

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	%	121	EPA 524.2
Dibromofluoromethane	%	104	EPA 524.2
Toluene-d8	%	106	EPA 524.2
Bromofluorobenzene	%	103	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:	1894 EFFLUENT	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A010

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:	1894 EFFLUENT	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A010

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	%	103	EPA 524.2
Toluene-d8	%	106	EPA 524.2
Bromofluorobenzene	%	100	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

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

Certificate of Analysis

Sample Identification:	1897 DSW	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A009

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:	1897 DSW	Project Identification:	Pantry One 1897 Conowingo
MATRIX:	water	Client Identification:	PANTRY ONE
Sample Date:	12/11/2023	Client Telephone:	
Date Received:	12/15/2023	Client Fax:	
Extraction Date:	na	Analyst:	MM
Analysis Date:	12/18/2023	Lab File:	121823A009

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	%	118	EPA 524.2
Dibromofluoromethane	%	106	EPA 524.2
Toluene-d8	%	104	EPA 524.2
Bromofluorobenzene	%	99	EPA 524.2

MDE Drinking Water Supply Laboratory Certification #333

ADVANCED ENVIRONMENTAL CONCEPTS, INC.

5292 Enterprise St., Ste. C, Eldersburg, MD 21784

Phone 410-795-5955 • Fax 410-795-9459

www.AECEEnviro.com

Chain of Custody Record

Client: AJ			Project Name: Pantry One GW & POET Q4 2023				SDG#:					
Address:			Project Location: 1897 Conowingo Road, Rising Sun				Preservatives					
							HCl					
Contact:			Email:				Requested Analysis				Observations	
							VOC + Oxy		TPH-DRO/GRO			VOCs
Sample By: GSP			Receive Completed Report Via (Circle One) U.S. Mail Email Fax				8260		8015		524.2	
	Sample #	Sample ID	Date	Time	Matrix	pH						
1	2	MW-1	12/11/23		GW							
2		MW-2										
3		MW-3										
4		Trip Blank			O	< 2						
5		1894 Influent			DW	< 2						
6		1894 Inter 1				< 2						
7		1894 Inter 2				< 2						
8		1894 Effluent				< 2						
9		1897 OSW				< 2						
10												
Relinquished/Received By Signature			Date	Time	Delivery Method		Lab Use Only					
Relinquished By: <i>[Signature]</i>							Temp of Cooler					
Received By: <i>[Signature]</i>							24°C					
Relinquished By: <i>[Signature]</i>							Ice Present <input checked="" type="checkbox"/> (Y/N)					
Received By: <i>[Signature]</i>			12/15/23									
Relinquished By:							Custody Seal <input checked="" type="checkbox"/> (Y/N)					
Received By:							Date of Extraction 12/18/23					
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: <input checked="" type="radio"/> STD 1 Day 2 Day 3 Day Other					

W
CHLORIN