



Second Quarter 2025 Groundwater Monitoring Report

416 Miller Place-Yaphank Road
Miller Place, New York

August 26, 2025

Prepared for:

Coram Materials Corp.
416 Miller Place-Yaphank Road
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1. Introduction

On behalf of Coram Materials Corp. (Coram Materials), Roux Environmental Engineering and Geology, D.P.C. (Roux) has prepared this Quarterly Groundwater Monitoring Report (Report) to summarize the groundwater monitoring activities completed during the second quarter of 2025 at the Coram Materials site, located at 416 Miller Place-Yaphank Road, Miller Place, New York (Site). The Site is currently owned and operated by Coram Materials, and the groundwater monitoring activities described in this Report were completed in accordance with the Groundwater Study at Long Island Mines Work Plan, prepared by the New York State Department of Environmental Conservation (NYSDEC), dated June 2022 (Work Plan), and in accordance with the Site-Specific Work Plan, Prepared by Roux, dated July 3, 2023, for the Site. The Groundwater Study is a three-year program monitored by the NYSDEC providing quarterly groundwater sampling of select parameters at volunteer mine sites across Long Island. Coram Materials has agreed to voluntarily participate in this program.

This Report summarizes the monitoring that occurred during the second quarter of 2025 and provides a brief description of Site background information, a description of the field activities and methodologies, and a discussion of the groundwater analytical results and conclusions. The Report is organized as follows:

- Section 1: Introduction;
- Section 2: Site Overview;
- Section 3: Quarterly Groundwater Sampling Methods and Results; and
- Section 4: Conclusions and Schedule for Future Monitoring Activities.

As required by the NYSDEC Guidance, Roux has submitted the latest analytical results Electronic Data Deliverable (EDD) for this sampling event to NYSDEC using the Environmental Information Management System (EIMS).

Per NYSDEC requirements and as specified in the Work Plan, this quarterly groundwater monitoring event included submitting groundwater samples for analysis for a shortened list of parameters compared to prior quarters. Details on the analytical parameters included in this monitoring event are provided below in Section 3.2.2.

2. Site Overview

This section includes a brief description of the Site and its history.

2.1 Site Description

The Site is located at 416 Miller Place-Yaphank Road, Miller Place, New York (see Site Location Map provided as Figure 1). It is bordered to the west by residential properties and the Washington Memorial Park cemetery, to the south by Whiskey Road, to the east by Miller Place-Yaphank Road, and to the north by a vacant wooded property.

The Site is approximately 392 acres and currently operates as a sand and gravel mine in accordance with the existing MLRL Permit (NYSDEC Permit ID No. 1-4722-00795/00005). Two wet dredging setups are utilized for mining operations. A Site Plan is provided as Figure 2.

2.2 Groundwater Study at Long Island Mines Work Plan

The groundwater monitoring activities described in this Report were completed in accordance with the Groundwater Study at Long Island Mines Work Plan, prepared by the New York State Department of Environmental Conservation (NYSDEC), dated June 2022 (Work Plan), and in accordance with the Site-Specific Work Plan, Prepared by Roux, dated July 3, 2023, for the Site. Starting in the 3rd Quarter of 2023, Coram Materials entered into the three-year Groundwater Study as a volunteer. NYSDEC, in consultation with the New York State Department of Health (NYSDOH), prepared the Work Plan to study the potential impact, if any, to groundwater quality from sand and gravel mining on Long Island.

In accordance with the Work Plan, a Site-Specific Work Plan was prepared by Roux, to supplement the NYSDEC Work Plan. The Site-Specific Work Plan provides a comprehensive scope and methodology to be followed throughout the Groundwater Study period.

3. Quarterly Groundwater Sampling Methods and Results

This section details the groundwater gauging and sampling activities implemented at the Site as part of the monitoring events that took place in the second quarter of 2025.

3.1 Groundwater Gauging

In accordance with the Work Plan, Roux conducted a complete water level gauging round on June 16, 2025, to determine the depth to water (DTW) and the current depth to bottom (DTB) in each well within the Site's monitoring well network prior to the sampling event. All measurements were collected from a consistent measuring point elevation on the well casing. The DTW and DTB in each well was measured using an electronic water level meter with an accuracy of +/- 0.01 feet.

All monitoring wells within the monitoring well network were previously surveyed on June 9, 2021, by Mega Engineering and Land Surveying, P.C. (Mega), a New York State licensed surveyor, to obtain horizontal and vertical coordinates. Horizontal coordinates were based upon New York State Plane Coordinates System North American Datum of 1983 (NAD 83) in US Survey Feet. Vertical elevations were measured for grade and top-of-casing (measuring point) elevations at all monitoring well locations referenced to North American Vertical Datum of 1988 (NAVD 88). The DTW, DTB, and calculated water table elevations from the June 16, 2025, gauging round are included as Table 2, and all groundwater elevations were calculated relative to mean sea level (MSL).

3.1.1 Shallow Zone

On June 16, 2025, shallow groundwater elevations ranged from 47.27 feet above mean sea level (ft amsl) in monitoring well MW-11S to 51.00 ft amsl in monitoring well MW-12S. Shallow groundwater flow direction is generally to the north northeast, with a north northwest component in the southern part of the Site (south of the surface water body), as shown on Figure 3.

3.1.2 Deep Zone

On June 16, 2025, deep groundwater elevations ranged from 44.16 ft amsl in monitoring well MW-6D to 48.96 ft amsl in monitoring well MW-12D. Deep groundwater flow is generally to the northeast, as shown on Figure 4.

3.2 Groundwater Sampling

Following the completion of the comprehensive groundwater gauging round, Roux collected groundwater samples from all 21 groundwater monitoring wells required in the Work Plan from June 16 – 19, 2025. Each monitoring well was purged and sampled with new dedicated tubing that was disposed of following sample collection. Monitoring wells were purged and sampled using a Grundfos Rediflo2 variable speed submersible pump, in accordance with USEPA low-flow sampling requirements. Field instrument calibration information is included in Appendix A. Field parameters (i.e., pH, temperature, dissolved oxygen, oxidation-reduction potential, and turbidity) were collected while purging each well using a water

quality meter with a flow-through cell until parameters stabilized. The purge logs detailing flow rates, field parameter measurements, field observations, and sample information for each quarterly event are included as Appendix B. Once the groundwater parameters stabilized, one groundwater sample was collected from each of the available monitoring wells. Groundwater samples were collected directly into laboratory-supplied sample bottles (that contained the proper preservative, if required) that were then sealed, labeled with all relevant information, and immediately placed in an ice-filled cooler. The samples to be submitted for analysis for dissolved iron and manganese were filtered in the field prior to being collected in preserved bottleware. All samples were then sent via courier under chain-of-custody procedures to Pace Analytical Services, LLC, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program-certified laboratory located at 8 Walkup Drive Westborough, Massachusetts (Pace Analytical).

Following sample collection at each monitoring well, all non-dedicated sampling equipment was properly decontaminated using Alconox® Powdered Precision Cleaner diluted as per manufacturing specifications. Decontamination procedures were documented in the Site-specific field logbook. As per the NYSDEC Guidance, purged water from the sampling activities was discharged back to the ground surface as light non-aqueous phase liquids (LNAPL)/dense non-aqueous phase liquids (DNAPL) impacted groundwater was not encountered.

3.2.1 Quality Assurance/Quality Control (QA/QC)

Field and laboratory QA/QC procedures were used to ensure field sampling and analytical procedures were consistent and to evaluate the usability of the data. In accordance with the Work Plan, four trip blanks, two equipment blanks, two field duplicates, and two matrix spike/matrix spike duplicates (MS/MSD) were collected and analyzed.

3.2.2 Laboratory Analysis

In general accordance with the Work Plan, groundwater samples were analyzed for the following list of compounds:

- Target Compound List (TCL) Volatile Organic Compounds (VOCs) via USEPA Method 8260B
- TCL semi-volatile organic compounds (SVOCs) via USEPA Method 8270E
- Target Analyte List (TAL) Metals, Total and Dissolved via USEPA Method 200.7
- Cations/Anions:
 - o Ammonium via Method 9056A
 - o Chloride via Method SM4500
 - o Bromide via Method 300.1
 - o Nitrate/Nitrite via Method SM4500
 - o Total Nitrogen via USEPA Method TKN EPA 351.2
 - o Sulfide via Method SM4500-S2-F/USEPA Method 9034
 - o Sulfate via Method 375.2
 - o Phosphate via SM4500
 - o Iodide via Method 9056A
 - o Carbonate via Method 2320B

- o Bi-Carbonate via Method 2320B
- o Fluoride via Method SM4500
- Total Dissolved Solids via Method SM2540C

The samples analyzed for dissolved metals were filtered in the field using in-line, 0.45 micrometer field filters.

3.3 Groundwater Analytical Results

Groundwater sample results were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs). Analytical results are presented in Tables 3 through 8. Category B analytical data packages provided by Pace Analytical are included as Appendix C.

3.3.1 Volatile Organic Compounds

There were no detections of VOCs exceeding AWQSGVs in any of the samples.

3.3.2 Semivolatile Organic Compounds

There were no detections of SVOCs exceeding AWQSGVs in any of the samples.

3.3.3 Metals

A summary of detections of metals with concentrations exceeding AWQSGVs is provided below:

Compound		AWQSGV (µg/L)	Detections above AWQSGV	Range in Concentrations above AWQSGV (µg/L)	Sample with Maximum Concentration
Iron	Total	300	2	2,760 – 53,600	MW-11D
	Dissolved	300	2	2,490 – 42,200	MW-11D
Sodium	Total	20000	5	20,700– 43,600	MW-12S
	Dissolved	20000	4	23,800 – 40,300	MW-12S

Detections above AWQSGVs include duplicate results.

The only detections above AWQSGVs of metals in groundwater this quarter are iron and sodium, and the samples with the maximum concentration are unchanged from last quarter. The anomalous high iron detections in MW-11D are believed to be due to iron-rich sediment entering the sample during collection. Iron and Sodium detections above AWQSGVs are naturally occurring and not indicative of a source of contamination, and the detections are consistent with historical detections on Site.

3.3.4 General Chemistry

There were no detections of general chemistry parameters exceeding AWQSGVs in any of the samples.

4. Conclusions and Schedule for Future Monitoring Activities

The following sections present conclusions from the monitoring activities that occurred in the second quarter of 2025 and a description of the work that is scheduled to occur in the third quarter of 2025.

4.1 Conclusions

VOCs, SVOCs, and general chemistry parameters were not detected at concentrations exceeding AWQSGVs during this quarter's sampling event. VOCs, SVOCs, and general chemistry parameters will continue to be monitored in future quarterly sampling events.

The anomalous iron detections in MW-11D are believed to be due to iron-rich sediment entering the sample during collection in the field. The other iron detections and sodium detections above AWQSGVs are naturally occurring and not indicative of a source of contamination, and the detections are consistent with historical detections on Site. Metal concentrations detected during this sampling event are consistent with those concentrations detected in historical groundwater sampling events. The presence of metals in groundwater will continue to be monitored in future quarterly sampling events.

4.2 Schedule

The next quarterly groundwater sampling event will occur in September 2025 and will be performed in accordance with the Work Plan. A summary report and data deliverable will be submitted to the NYSDEC within 45 days of sample collection.

Respectfully submitted,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

A handwritten signature in black ink, appearing to read "Ashley Iervolino". The script is fluid and cursive.

Ashley Iervolino
Staff Scientist II

A handwritten signature in black ink, appearing to read "Charles McGuckin". The script is fluid and cursive.

Charles McGuckin
Principal Engineer, P.E.

Second Quarter 2025 Quarterly Groundwater Monitoring Report
416 Miller Place-Yaphank Road, Miller Place, New York

TABLES

1. Summary of NYSDEC Groundwater Study at Long Island Mines Sampling Requirements
2. Summary of Groundwater Elevation Data, June 16, 2025
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4. Summary of SVOCs in Groundwater
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**Table 1. Summary of Groundwater Study at Long Island Mines Work Plan Sample Requirements
Coram Materials, 416 Miller Place-Yaphank Road, Miller Place, NY**

Required Monitoring	Compound of Interest	Frequency of Sampling
MP-1	VOCs, SVOCs, TAL Metals Total and Dissolved, Cations/Anions, Total Dissolved Solids	Quarterly for 3 Years
MP-1D		
MW-1SR		
MW-1DR2		
MW-4S		
MW-4D2		
PZ-5		
MW-5D		
PZ-6		
MW-6D		
MW-8S		
MW-8D		
MW-10S		
MW-10D		
MW-11S		
MW-11D		
MW-12S		
MW-12D		
MW-13S		
MW-13D		
SCDOH-DR		

Notes:

VOC - Volatile organic compounds

SVOC - semi-volatile organic compounds

TAL - target analyte list

PCB - polychlorinated biphenyls

1- At the direction of NYSDEC, baseline sampling was not conducted in the first quarter of sampling.

Table 2. Summary of Groundwater Elevation Data, September 16, 2024
Coram Materials, 416 Miller Place-Yaphank Road, Miller Place, NY

<u>Well ID</u>	June 16, 2025		
	<u>DTB (ft)</u>	<u>DTW (ft)</u>	<u>GWE(ft)</u>
MP-1	59.40	49.52	47.50
MP-1D	215.52	50.63	47.37
MW-1SR	39.50	25.85	47.74
MW-1DR2	188.75	27.98	45.53
MW-4S	76.21	70.58	49.59
MW-4D2	134.39	71.85	48.15
MW-5D	194.27	33.05	46.83
PZ-5	34.87	31.36	50.22
MW-6D	203.29	42.81	44.16
PZ-6	48.74	39.38	47.95
MW-8S	51.57	36.22	49.61
MW-8D	199.89	38.69	46.80
MW-10S	28.48	21.73	48.72
MW-10D	167.31	22.25	48.54
MW-11S	68.60	62.15	47.27
MW-11D	157.76	63.78	47.26
MW-12S	76.29	58.26	51.00
MW-12D	230.62	60.41	48.96
MW-13S	44.57	36.21	47.73
MW-13D	128.84	36.12	47.77
SCDOH-DR	136.76	46.72	48.68

Notes:

MPE - measuring point elevation (top of well casing)

DTB - depth to bottom

DTW - depth to water

GWE - groundwater elevation

ft - feet

Notes Utilized Throughout Tables	
Groundwater Tables	
J -	Estimated Value
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
FD -	Duplicate
µg/L -	Micrograms per liter
MG CaCO ₃ /L -	Milligrams per liter of Calcium Carbonate
ppm -	Parts per million
NYSDEC -	New York State Department of Environmental Conservation
AWQSGVs -	Ambient Water-Quality Standards and Guidance Values
--	No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs	

Table 3. Summary of Volatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MP-1	MP-1D	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D	MW-12S
Sample Date:			06/17/2025	06/17/2025	06/19/2025	06/19/2025	06/16/2025	06/16/2025	06/18/2025	06/18/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
1,1,1-Trichloroethane (TCA)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	4	2.5 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2-Trichloroethane	1	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.8	2.5 U
1,1-Dichloroethene	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.4	0.5 U
1,2,3-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	UG/L	1.7 J	1.7 J	5 U	2 J	5 U	5 U	5 U	1.8 J
Benzene	1	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon Disulfide	60	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MP-1	MP-1D	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D	MW-12S
Sample Date:			06/17/2025	06/17/2025	06/19/2025	06/19/2025	06/16/2025	06/16/2025	06/18/2025	06/18/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
Isopropylbenzene (Cumene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
m,p-Xylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Acetate	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.38 J	0.5 U
Toluene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,2-Dichloroethene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethylene (TCE)	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl Chloride	2	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-12S	MW-13D	MW-13D	MW-13S	MW-1DR2	MW-1SR	MW-4D2	MW-4S
Sample Date:			06/18/2025	06/17/2025	06/17/2025	06/17/2025	06/16/2025	06/16/2025	06/19/2025	06/19/2025
Normal Sample or Field Duplicate:			FD	N	FD	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
1,1,1-Trichloroethane (TCA)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2-Trichloroethane	1	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	UG/L	5 U	1.5 J	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon Disulfide	60	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-12S	MW-13D	MW-13D	MW-13S	MW-1DR2	MW-1SR	MW-4D2	MW-4S
Sample Date:			06/18/2025	06/17/2025	06/17/2025	06/17/2025	06/16/2025	06/16/2025	06/19/2025	06/19/2025
Normal Sample or Field Duplicate:			FD	N	FD	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
Isopropylbenzene (Cumene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
m,p-Xylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Acetate	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,2-Dichloroethene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethylene (TCE)	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl Chloride	2	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-5D	MW-6D	MW-8D	MW-8S	PZ-5	PZ-6	SCDOH-DR	TRIP BLANK
Sample Date:			06/18/2025	06/17/2025	06/18/2025	06/18/2025	06/18/2025	06/17/2025	06/19/2025	06/16/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	TB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
1,1,1-Trichloroethane (TCA)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2-Trichloroethane	1	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	UG/L	0.41 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	UG/L	0.78 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	UG/L	5 U	3 J	5 U	3.2 J	2.2 J	1.9 J	5 U	5 U
Benzene	1	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon Disulfide	60	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-5D	MW-6D	MW-8D	MW-8S	PZ-5	PZ-6	SCDOH-DR	TRIP BLANK
Sample Date:			06/18/2025	06/17/2025	06/18/2025	06/18/2025	06/18/2025	06/17/2025	06/19/2025	06/16/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	TB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
Isopropylbenzene (Cumene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
m,p-Xylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Acetate	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	UG/L	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,2-Dichloroethene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethylene (TCE)	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl Chloride	2	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			EQUIPMENT BLANK	EQUIPMENT BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Date:			06/16/2025	06/19/2025	06/17/2025	06/18/2025	06/19/2025
Normal Sample or Field Duplicate:			EB	EB	TB	TB	TB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units					
1,1,1-Trichloroethane (TCA)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2-Trichloroethane	1	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	UG/L	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	UG/L	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	UG/L	5 U	5 U	5 U	5 U	5 U
Acetone	50	UG/L	5 U	3.4 J	5 U	5 U	5 U
Benzene	1	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	UG/L	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon Disulfide	60	UG/L	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	--	UG/L	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	UG/L	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 3. Summary of Volatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			EQUIPMENT BLANK	EQUIPMENT BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Date:			06/16/2025	06/19/2025	06/17/2025	06/18/2025	06/19/2025
Normal Sample or Field Duplicate:			EB	EB	TB	TB	TB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units					
Isopropylbenzene (Cumene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
m,p-Xylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Acetate	--	UG/L	2 U	2 U	2 U	2 U	2 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	--	UG/L	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,2-Dichloroethene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethylene (TCE)	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl Chloride	2	UG/L	1 U	1 U	1 U	1 U	1 U
Xylenes	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 4. Summary of Semivolatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MP-1	MP-1D	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D	MW-12S
Sample Date:			06/17/2025	06/17/2025	06/19/2025	06/19/2025	06/16/2025	06/16/2025	06/18/2025	06/18/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
1,2,4,5-Tetrachlorobenzene	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	10	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	10	UG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Methylnaphthalene	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylphenol (O-Cresol)	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl Phenyl Ether	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-Methylphenol	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl Phenyl Ether	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acetophenone	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Anthracene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Atrazine	7.5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzaldehyde	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(A)Anthracene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(A)Pyrene	0	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(B)Fluoranthene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(G,H,I)Perylene	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(K)Fluoranthene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 4. Summary of Semivolatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MP-1	MP-1D	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D	MW-12S
Sample Date:			06/17/2025	06/17/2025	06/19/2025	06/19/2025	06/16/2025	06/16/2025	06/18/2025	06/18/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
Benzyl Butyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Biphenyl (Diphenyl)	5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bis(2-Chloroethoxy) Methane	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Bis(2-Chloroisopropyl) Ether	5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	UG/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Caprolactam	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chrysene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(A,H)Anthracene	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Diethyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dimethyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Di-N-Butyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Di-N-Octylphthalate	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.03 J
Fluorene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Hexachlorobenzene	0.04	UG/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Hexachlorobutadiene	0.5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorocyclopentadiene	5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Hexachloroethane	5	UG/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Isophorone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
M+P MethylPhenol	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	10	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Nitrobenzene	0.4	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodi-N-Propylamine	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	50	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Pentachlorophenol	1	UG/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Phenanthrene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenol	1	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Pyrene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 4. Summary of Semivolatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-12S	MW-13D	MW-13D	MW-13S	MW-1DR2	MW-1SR	MW-4D2	MW-4S
Sample Date:			06/18/2025	06/17/2025	06/17/2025	06/17/2025	06/16/2025	06/16/2025	06/19/2025	06/19/2025
Normal Sample or Field Duplicate:			FD	N	FD	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
1,2,4,5-Tetrachlorobenzene	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	10	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	10	UG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Methylnaphthalene	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylphenol (O-Cresol)	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl Phenyl Ether	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-Methylphenol	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl Phenyl Ether	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acetophenone	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Anthracene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Atrazine	7.5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzaldehyde	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(A)Anthracene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(A)Pyrene	0	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(B)Fluoranthene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(G,H,I)Perylene	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(K)Fluoranthene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 4. Summary of Semivolatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-12S	MW-13D	MW-13D	MW-13S	MW-1DR2	MW-1SR	MW-4D2	MW-4S
Sample Date:			06/18/2025	06/17/2025	06/17/2025	06/17/2025	06/16/2025	06/16/2025	06/19/2025	06/19/2025
Normal Sample or Field Duplicate:			FD	N	FD	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
Benzyl Butyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Biphenyl (Diphenyl)	5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bis(2-Chloroethoxy) Methane	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Bis(2-Chloroisopropyl) Ether	5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	UG/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Caprolactam	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chrysene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(A,H)Anthracene	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Diethyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dimethyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Di-N-Butyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Di-N-Octylphthalate	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Hexachlorobenzene	0.04	UG/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.03 J
Hexachlorobutadiene	0.5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorocyclopentadiene	5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Hexachloroethane	5	UG/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Isophorone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
M+P MethylPhenol	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	10	UG/L	0.03 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Nitrobenzene	0.4	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodi-N-Propylamine	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	50	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Pentachlorophenol	1	UG/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Phenanthrene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenol	1	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Pyrene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 4. Summary of Semivolatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-5D	MW-6D	MW-8D	MW-8S	PZ-5	PZ-6	SCDOH-DR
Sample Date:			06/18/2025	06/17/2025	06/18/2025	06/18/2025	06/18/2025	06/17/2025	06/19/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units							
1,2,4,5-Tetrachlorobenzene	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	10	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	10	UG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Methylnaphthalene	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.04 J	0.1 U
2-Methylphenol (O-Cresol)	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl Phenyl Ether	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-Methylphenol	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl Phenyl Ether	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitrophenol	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acetophenone	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Anthracene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Atrazine	7.5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzaldehyde	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(A)Anthracene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(A)Pyrene	0	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(B)Fluoranthene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(G,H,I)Perylene	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(K)Fluoranthene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 4. Summary of Semivolatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-5D	MW-6D	MW-8D	MW-8S	PZ-5	PZ-6	SCDOH-DR
Sample Date:			06/18/2025	06/17/2025	06/18/2025	06/18/2025	06/18/2025	06/17/2025	06/19/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units							
Benzyl Butyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Biphenyl (Diphenyl)	5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bis(2-Chloroethoxy) Methane	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Bis(2-Chloroisopropyl) Ether	5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	UG/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Caprolactam	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chrysene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(A,H)Anthracene	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Diethyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dimethyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Di-N-Butyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Di-N-Octylphthalate	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Hexachlorobenzene	0.04	UG/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.03 J
Hexachlorobutadiene	0.5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorocyclopentadiene	5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Hexachloroethane	5	UG/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Isophorone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
M+P MethylPhenol	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	10	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.05 J	0.1 U
Nitrobenzene	0.4	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
N-Nitrosodi-N-Propylamine	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	50	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Pentachlorophenol	1	UG/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Phenanthrene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenol	1	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Pyrene	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 4. Summary of Semivolatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			EQUIPMENT BLANK	EQUIPMENT BLANK
Sample Date:			06/16/2025	06/19/2025
Normal Sample or Field Duplicate:			EB	EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units		
1,2,4,5-Tetrachlorobenzene	5	UG/L	10 U	10 U
2,4,5-Trichlorophenol	--	UG/L	5 U	5 U
2,4,6-Trichlorophenol	--	UG/L	5 U	5 U
2,4-Dichlorophenol	5	UG/L	5 U	5 U
2,4-Dimethylphenol	50	UG/L	5 U	5 U
2,4-Dinitrophenol	10	UG/L	20 U	20 U
2,4-Dinitrotoluene	5	UG/L	5 U	5 U
2,6-Dinitrotoluene	5	UG/L	5 U	5 U
2-Chloronaphthalene	10	UG/L	0.2 U	0.2 U
2-Chlorophenol	--	UG/L	2 U	2 U
2-Methylnaphthalene	--	UG/L	0.1 U	0.1 U
2-Methylphenol (O-Cresol)	--	UG/L	5 U	5 U
2-Nitroaniline	5	UG/L	5 U	5 U
2-Nitrophenol	--	UG/L	10 U	10 U
3,3'-Dichlorobenzidine	5	UG/L	5 U	5 U
3-Nitroaniline	5	UG/L	5 U	5 U
4,6-Dinitro-2-Methylphenol	--	UG/L	10 U	10 U
4-Bromophenyl Phenyl Ether	--	UG/L	2 U	2 U
4-Chloro-3-Methylphenol	--	UG/L	2 U	2 U
4-Chloroaniline	5	UG/L	5 U	5 U
4-Chlorophenyl Phenyl Ether	--	UG/L	2 U	2 U
4-Nitroaniline	5	UG/L	5 U	5 U
4-Nitrophenol	--	UG/L	10 U	10 U
Acenaphthene	20	UG/L	0.1 U	0.1 U
Acenaphthylene	20	UG/L	0.1 U	0.1 U
Acetophenone	--	UG/L	5 U	5 U
Anthracene	50	UG/L	0.1 U	0.1 U
Atrazine	7.5	UG/L	10 U	10 U
Benzaldehyde	--	UG/L	5 U	5 U
Benzo(A)Anthracene	0.002	UG/L	0.1 U	0.1 U
Benzo(A)Pyrene	0	UG/L	0.1 U	0.1 U
Benzo(B)Fluoranthene	0.002	UG/L	0.1 U	0.1 U
Benzo(G,H,I)Perylene	--	UG/L	0.1 U	0.1 U
Benzo(K)Fluoranthene	0.002	UG/L	0.1 U	0.1 U

Table 4. Summary of Semivolatile Organic Compounds in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			EQUIPMENT BLANK	EQUIPMENT BLANK
Sample Date:			06/16/2025	06/19/2025
Normal Sample or Field Duplicate:			EB	EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units		
Benzyl Butyl Phthalate	50	UG/L	5 U	5 U
Biphenyl (Diphenyl)	5	UG/L	2 U	2 U
Bis(2-Chloroethoxy) Methane	5	UG/L	5 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	UG/L	0.1 U	0.1 U
Bis(2-Chloroisopropyl) Ether	5	UG/L	2 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	UG/L	3 U	3 U
Caprolactam	--	UG/L	10 U	10 U
Carbazole	--	UG/L	2 U	2 U
Chrysene	0.002	UG/L	0.1 U	0.1 U
Dibenz(A,H)Anthracene	--	UG/L	0.1 U	0.1 U
Dibenzofuran	--	UG/L	2 U	2 U
Diethyl Phthalate	50	UG/L	5 U	5 U
Dimethyl Phthalate	50	UG/L	5 U	5 U
Di-N-Butyl Phthalate	50	UG/L	5 U	5 U
Di-N-Octylphthalate	--	UG/L	5 U	5 U
Fluoranthene	50	UG/L	0.1 U	0.1 U
Fluorene	50	UG/L	0.1 U	0.1 U
Hexachlorobenzene	0.04	UG/L	0.8 U	0.8 U
Hexachlorobutadiene	0.5	UG/L	0.5 U	0.5 U
Hexachlorocyclopentadiene	5	UG/L	20 U	20 U
Hexachloroethane	5	UG/L	0.8 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	0.002	UG/L	0.1 U	0.1 U
Isophorone	50	UG/L	5 U	5 U
M+P MethylPhenol	--	UG/L	5 U	5 U
Naphthalene	10	UG/L	0.1 U	0.1 U
Nitrobenzene	0.4	UG/L	2 U	2 U
N-Nitrosodi-N-Propylamine	--	UG/L	5 U	5 U
N-Nitrosodiphenylamine	50	UG/L	2 U	2 U
Pentachlorophenol	1	UG/L	0.8 U	0.8 U
Phenanthrene	50	UG/L	0.1 U	0.1 U
Phenol	1	UG/L	5 U	5 U
Pyrene	50	UG/L	0.1 U	0.1 U

Table 5. Summary of Metals in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MP-1	MP-1	MP-1D	MP-1D	MW-10D	MW-10D	MW-10S	MW-10S	MW-11D	MW-11D
Sample Date:			06/17/2025	06/17/2025	06/17/2025	06/17/2025	06/19/2025	06/19/2025	06/19/2025	06/19/2025	06/16/2025	06/16/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N	N	N
Total or Dissolved:			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units										
Aluminum	--	UG/L	100 U	100 U	100 U	100 U	43.3 J	100 U	73.3 J	100 U	2640	2370
Antimony	3	UG/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7.2	6.6
Barium	1000	UG/L	18	16.8	15.2	14.3	8.2 J	6.6 J	51.2	41.8	62.7	57.2
Beryllium	3	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	--	UG/L	24400	22600	18900	17900	20000	18900	9640	9120	17400	16400
Chromium, Total	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.4	9.8 J
Cobalt	--	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.3 J	5.7 J
Iron	300	UG/L	50 U	50 U	50 U	50 U	113	41.8 J	117	50 U	53600	42200
Lead	25	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000	UG/L	6980	6200	9200	8420	2700	2450	4370	4050	6950	6490
Manganese	300	UG/L	10 U	10 U	2 J	1.7 J	27.5	23.9	11	2.9 J	94.2	85.8
Mercury	0.7	UG/L	0.2 U	0.2 U	0.26	0.31	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	UG/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium	--	UG/L	1650 J	1470 J	1580 J	1410 J	1070 J	955 J	1290 J	1120 J	1420 J	1390 J
Selenium	10	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	UG/L	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	UG/L	15000	13400	14400	13200	7590	6350	5690	4760	8360	8320
Thallium	0.5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.2 J	6.1 J
Zinc	2000	UG/L	5 U	5 U	3.8 J	5 U	5 U	5 U	3.7 J	2.3 J	12.6	106

Table 5. Summary of Metals in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-11S	MW-11S	MW-12D	MW-12D	MW-12S	MW-12S	MW-12S	MW-12S	MW-13D	MW-13D
Sample Date:			06/16/2025	06/16/2025	06/18/2025	06/18/2025	06/18/2025	06/18/2025	06/18/2025	06/18/2025	06/17/2025	06/17/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	FD	FD	N	N
Total or Dissolved:			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units										
Aluminum	--	UG/L	100 U	100 U	40.5 J	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	3	UG/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000	UG/L	39.8	37.7	40.1	36.6	41.9	39.3	42.4	40.6	28.6	26.1
Beryllium	3	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	--	UG/L	47300	45500	14300	12800	7120	6600	7380	6820	12100	10800
Chromium, Total	50	UG/L	10 U	10 U	3.8 J	3.7 J	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt	--	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	UG/L	3.3 J	2.8 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300	UG/L	50 U	50 U	33.8 J	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Lead	25	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000	UG/L	10600	9860	5840	5440	2770	2610	2810	2660	5350	4750
Manganese	300	UG/L	10 U	10 U	10 U	10 U	18.4	16.6	18.4	20.1	10 U	10 U
Mercury	0.7	UG/L	0.2 U	0.18 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	UG/L	25 U	25 U	3.3 J	3.9 J	25 U	25 U	25 U	25 U	25 U	25 U
Potassium	--	UG/L	1390 J	1350 J	1150 J	1110 J	1060 J	1000 J	1040 J	1050 J	1270 J	1120 J
Selenium	10	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	UG/L	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	UG/L	4790	4720	15500	14300	43600	39300	43000	40300	16500	15000
Thallium	0.5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	UG/L	5.8	5.6	15.6	11.8	3.6 J	5 U	2.1 J	5 U	2.9 J	2.4 J

Table 5. Summary of Metals in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-13D	MW-13D	MW-13S	MW-13S	MW-1DR2	MW-1DR2	MW-1SR	MW-1SR	MW-4D2	MW-4D2
Sample Date:			06/17/2025	06/17/2025	06/17/2025	06/17/2025	06/16/2025	06/16/2025	06/16/2025	06/16/2025	06/19/2025	06/19/2025
Normal Sample or Field Duplicate:			FD	FD	N	N	N	N	N	N	N	N
Total or Dissolved:			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units										
Aluminum	--	UG/L	100 U	100 U	206	100 U	100 U	100 U	100 U	100 U	51.9 J	100 U
Antimony	3	UG/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000	UG/L	27.8	26.4	86.1	81.3	26.8	25	21	21.2	18.1	14.5
Beryllium	3	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	--	UG/L	11600	11000	103000	93200	11700	10800	18600	16500	11900	10900
Chromium, Total	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J	2.9 J
Cobalt	--	UG/L	20 U	20 U	20 U	20 U	2.5 J	2.4 J	20 U	20 U	20 U	20 U
Copper	200	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300	UG/L	50 U	50 U	50 U	50 U	2760	2490	50 U	50 U	54.8	50 U
Lead	25	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000	UG/L	5280	4880	26100	23200	5350	5020	4920	4430	5720	5240
Manganese	300	UG/L	10 U	10 U	10 U	10 U	44.4	42.4	10 U	10 U	2.7 J	1.6 J
Mercury	0.7	UG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	UG/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium	--	UG/L	1260 J	1130 J	3410	3010	1180 J	1150 J	2080 J	1870 J	1060 J	945 J
Selenium	10	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	UG/L	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	UG/L	16400	15000	4780	4420	9870	9530	5640	5020	9640	7830
Thallium	0.5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	UG/L	2.3 J	2.3 J	2.4 J	5 U	7	5.8	5 U	5 U	5	3.3 J

Table 5. Summary of Metals in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-4S	MW-4S	MW-5D	MW-5D	MW-6D	MW-6D	MW-8D	MW-8D	MW-8S	MW-8S
Sample Date:			06/19/2025	06/19/2025	06/18/2025	06/18/2025	06/17/2025	06/17/2025	06/18/2025	06/18/2025	06/18/2025	06/18/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N	N	N
Total or Dissolved:			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units										
Aluminum	--	UG/L	100 U	100 U	100 U	100 U	72.9 J	100 U	100 U	100 U	100 U	100 U
Antimony	3	UG/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000	UG/L	26.8	22.7	50	46.2	12.1	11	32.3	30.3	37.5	36.2
Beryllium	3	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	--	UG/L	7670	7460	16500	14800	12900	11800	13200	12000	12900	12000
Chromium, Total	50	UG/L	10 U	10 U	10 U	10 U	2.4 J	2.1 J	10 U	10 U	10 U	10 U
Cobalt	--	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300	UG/L	50 U	50 U	50 U	50 U	100	50 U	50 U	50 U	50 U	50 U
Lead	25	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000	UG/L	2670	2440	7560	7110	6140	5440	6120	5860	6060	5910
Manganese	300	UG/L	1.8 J	10 U	10 U	10 U	5.6 J	10 U	10 U	10 U	90.4	82.1
Mercury	0.7	UG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	UG/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium	--	UG/L	1360 J	1240 J	1350 J	1300 J	1260 J	1130 J	1260 J	1230 J	1110 J	1110 J
Selenium	10	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	UG/L	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	UG/L	42800	37000	20700	19100	18000	16700	18000	16900	8610	8180
Thallium	0.5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	UG/L	5 U	5 U	5 U	5 U	2.3 J	5 U	2.1 J	5 U	2.4 J	5 U

Table 5. Summary of Metals in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			PZ-5	PZ-5	PZ-6	PZ-6	SCDOH-DR	SCDOH-DR	EQUIPMENT BLANK	EQUIPMENT BLANK
Sample Date:			06/18/2025	06/18/2025	06/17/2025	06/17/2025	06/19/2025	06/19/2025	06/16/2025	06/16/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	EB	EB
Total or Dissolved:			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
Aluminum	--	UG/L	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	3	UG/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000	UG/L	23.1	30.4	71.7	67.9	21.1	16.8	10 U	10 U
Beryllium	3	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	--	UG/L	32500	12000	76700	69700	15200	14200	100 U	100 U
Chromium, Total	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt	--	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	UG/L	10 U	10 U	3.9 J	2.3 J	10 U	10 U	10 U	10 U
Iron	300	UG/L	50 U	50 U	50 U	50 U	181	50 U	50 U	14.4 J
Lead	25	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000	UG/L	7450	5820	12000	10800	6840	6270	100 U	100 U
Manganese	300	UG/L	10 U	10 U	81.5	72.2	102	2.5 J	10 U	10 U
Mercury	0.7	UG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	UG/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium	--	UG/L	1190 J	1240 J	8200	7460	1830 J	1640 J	2500 U	2500 U
Selenium	10	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	UG/L	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	UG/L	2360	16900	13100	12000	28700	23800	2000 U	2000 U
Thallium	0.5	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	UG/L	5 U	5 U	2.4 J	5 U	5 U	2.1 J	2.5 J	14.7

Table 5. Summary of Metals in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			EQUIPMENT BLANK	EQUIPMENT BLANK
Sample Date:			06/19/2025	06/19/2025
Normal Sample or Field Duplicate:			EB	EB
Total or Dissolved:			Total	Dissolved
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units		
Aluminum	--	UG/L	100 U	100 U
Antimony	3	UG/L	50 U	50 U
Arsenic	25	UG/L	5 U	5 U
Barium	1000	UG/L	10 U	10 U
Beryllium	3	UG/L	5 U	5 U
Cadmium	5	UG/L	5 U	5 U
Calcium	--	UG/L	100 U	100 U
Chromium, Total	50	UG/L	10 U	10 U
Cobalt	--	UG/L	20 U	20 U
Copper	200	UG/L	10 U	10 U
Iron	300	UG/L	50 U	50 U
Lead	25	UG/L	10 U	10 U
Magnesium	35000	UG/L	100 U	100 U
Manganese	300	UG/L	10 U	10 U
Mercury	0.7	UG/L	0.2 U	0.2 U
Nickel	100	UG/L	25 U	25 U
Potassium	--	UG/L	2500 U	2500 U
Selenium	10	UG/L	10 U	10 U
Silver	50	UG/L	7 U	7 U
Sodium	20000	UG/L	2000 U	2000 U
Thallium	0.5	UG/L	20 U	20 U
Vanadium	--	UG/L	10 U	10 U
Zinc	2000	UG/L	5 U	5 U

Table 6. Summary of General Chemistry in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MP-1	MP-1D	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D	MW-6D
Sample Date:			06/17/2025	06/17/2025	06/16/2025	06/16/2025	06/19/2025	06/19/2025	06/18/2025	06/17/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
Alkalinity, Bicarbonate (As CaCO ₃)	--	MGCACO ₃ /L	62.2	50.5	32.5	54.4	26	37.2	32.1	39.6
Alkalinity, Carbonate (As CaCO ₃)	--	MGCACO ₃ /L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Ammonium		ppm	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromide	--	MG/L	0.049 J	0.062	0.07	0.039 J	0.051	0.041 J	0.068	0.052
Chloride (As Cl)	250	MG/L	21	13	9.5	5.8	9.8	31	28	17
Fluoride	--	MG/L	0.07 J	0.05 J	0.02 J	0.07 J	0.05 J	0.04 J	0.04 J	0.06 J
Iodide (As I)	--	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrogen, Kjeldahl, Total	--	MG/L	0.3 U	0.3 U	0.3 U	0.3 U	0.2 J	0.142 J	0.3 U	0.3 U
Nitrogen, Nitrate (As N)	10	MG/L	1.3	0.559	1.46	0.647	1.8	2.52	6.72	2.07
Nitrogen, Nitrate-Nitrite	10	MG/L	1.3	0.56	1.4	0.65	1.8	2.5	6.7	2.1
Nitrogen, Nitrite	1	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Phosphorus	--	MG/L	0.089	0.279	0.025 J	0.037	0.077	0.034	0.212	0.065
Sulfate (As SO ₄)	250	MG/L	17	38	18	7.7 J	15	11	18	17
Sulfide	0.05	MG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total Dissolved Solids (Residue, Filterable)	--	MG/L	140	150	79	79	89	110	160	130
Total Nitrogen, All Forms, Calculated	--	MG/L	1.3	0.56	1.4	0.65	1.8	2.5	6.7	2.1

Table 6. Summary of General Chemistry in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-8D	MW-8S	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D	MW-12S
Sample Date:			06/18/2025	06/18/2025	06/19/2025	06/19/2025	06/16/2025	06/16/2025	06/18/2025	06/18/2025
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
Alkalinity, Bicarbonate (As CaCO ₃)	--	MGCACO ₃ /L	22.6	26.1	42.5	31.5	33.5	131	26.9	30
Alkalinity, Carbonate (As CaCO ₃)	--	MGCACO ₃ /L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Ammonium		ppm	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromide	--	MG/L	0.054	0.076	0.052	0.039 J	0.054	0.041 J	0.069	0.05 U
Chloride (As Cl)	250	MG/L	28	12	6.8	5.3	13	3.6	18	45
Fluoride	--	MG/L	0.03 J	0.04 J	0.07 J	0.03 J	0.04 J	0.03 J	0.04 J	0.03 J
Iodide (As I)	--	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrogen, Kjeldahl, Total	--	MG/L	0.142 J	0.133 J	0.374	0.151 J	0.3 U	0.298 J	0.3 U	0.3 U
Nitrogen, Nitrate (As N)	10	MG/L	4.39	2.13	0.071 J	1.41	0.272	0.364	4.46	3.75
Nitrogen, Nitrate-Nitrite	10	MG/L	4.4	2.1	0.072 J	1.4	0.27	0.36	4.5	3.8
Nitrogen, Nitrite	1	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Phosphorus	--	MG/L	0.031	0.378	0.083	0.08	3.1	0.04	0.037	0.08
Sulfate (As SO ₄)	250	MG/L	16	23	19	6.1 J	28	12	19	11
Sulfide	0.05	MG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total Dissolved Solids (Residue, Filterable)	--	MG/L	140	100	78	41	110	170	130	170
Total Nitrogen, All Forms, Calculated	--	MG/L	4.4	2.1	0.37	1.4	0.3 U	0.36	4.5	3.8

Table 6. Summary of General Chemistry in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-12S	MW-13D	MW-13D	MW-13S	PZ-5	PZ-6	SCDOH-DR
Sample Date:			06/18/2025	06/17/2025	06/17/2025	06/17/2025	06/18/2025	06/17/2025	06/19/2025
Normal Sample or Field Duplicate:			FD	N	FD	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units							
Alkalinity, Bicarbonate (As CaCO ₃)	--	MGCACO ₃ /L	26.7	20.8	20.6	266	92	171	24.6
Alkalinity, Carbonate (As CaCO ₃)	--	MGCACO ₃ /L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Ammonium		ppm	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromide	--	MG/L	0.046 J	0.047 J	0.048 J	0.042 J	0.04 J	0.049 J	0.052
Chloride (As Cl)	250	MG/L	40	27	27	2.9	3.1	18	40
Fluoride	--	MG/L	0.02 J	0.03 J	0.03 J	0.04 J	0.04 J	0.11 J	0.02 J
Iodide (As I)	--	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrogen, Kjeldahl, Total	--	MG/L	0.151 J	0.3 U	0.3 U	0.3 U	0.185 J	0.803	0.164 J
Nitrogen, Nitrate (As N)	10	MG/L	3.88	2.56	2.58	5.58	1.36	1.06	4.12
Nitrogen, Nitrate-Nitrite	10	MG/L	3.9	2.6	2.6	5.6	1.4	1	4.1
Nitrogen, Nitrite	1	MG/L	0.05 U	0.05 U	0.014 J	0.05 U	0.05 U	0.05 U	0.05 U
Phosphorus	--	MG/L	0.052	0.101	0.313	0.095	0.065	0.215	0.034
Sulfate (As SO ₄)	250	MG/L	9.8 J	13	12	43	11	35	14
Sulfide	0.05	MG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total Dissolved Solids (Residue, Filterable)	--	MG/L	170	120	100	370	120	300	150
Total Nitrogen, All Forms, Calculated	--	MG/L	3.9	2.6	2.6	5.6	1.4	1.8	4.1

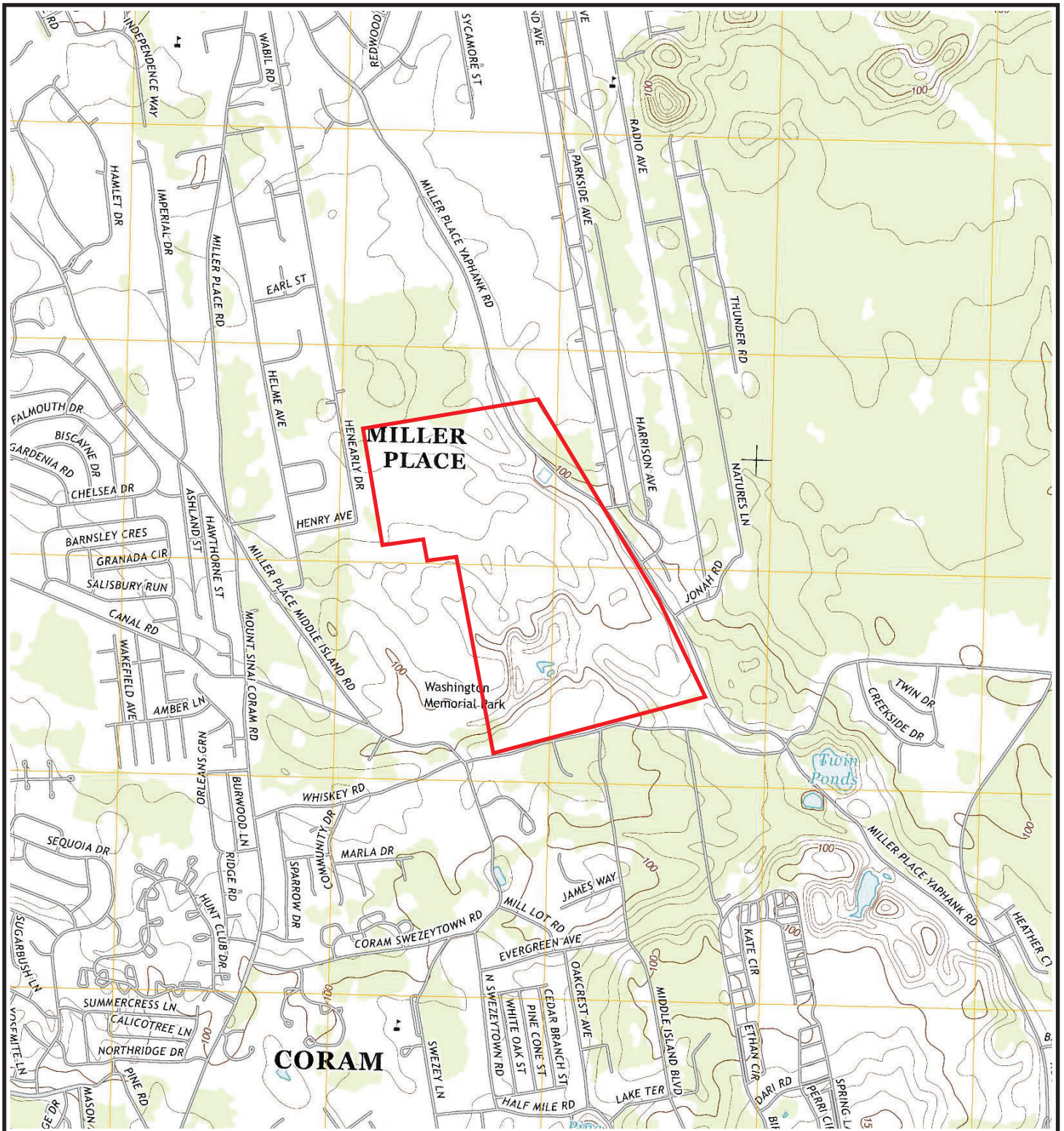
Table 6. Summary of General Chemistry in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			EQUIPMENT BLANK	EQUIPMENT BLANK
Sample Date:			06/16/2025	06/19/2025
Normal Sample or Field Duplicate:			EB	EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units		
Alkalinity, Bicarbonate (As CaCO ₃)	--	MGCACO ₃ /L	2 U	3.96
Alkalinity, Carbonate (As CaCO ₃)	--	MGCACO ₃ /L	2 U	2 U
Ammonium		ppm	5 U	5 U
Bromide	--	MG/L	0.05 U	0.05 U
Chloride (As Cl)	250	MG/L	0.89 J	1 U
Fluoride	--	MG/L	0.2 U	0.2 U
Iodide (As I)	--	MG/L	0.5 U	0.5 U
Nitrogen, Kjeldahl, Total	--	MG/L	0.3 U	0.229 J
Nitrogen, Nitrate (As N)	10	MG/L	0.1 U	0.1 U
Nitrogen, Nitrate-Nitrite	10	MG/L	0.1 U	0.1 U
Nitrogen, Nitrite	1	MG/L	0.05 U	0.05 U
Phosphorus	--	MG/L	0.012 J	0.037
Sulfate (As SO ₄)	250	MG/L	1.9 J	1.7 J
Sulfide	0.05	MG/L	2 U	2 U
Total Dissolved Solids (Residue, Filterable)	--	MG/L	5 J	10 U
Total Nitrogen, All Forms, Calculated	--	MG/L	0.3 U	0.3 U

Second Quarter 2025 Quarterly Groundwater Monitoring Report
416 Miller Place-Yaphank Road, Miller Place, New York

FIGURES

1. Site Location Map
2. Site Plan
3. Groundwater Elevation Contour Map; Shallow Wells, June 16, 2025
4. Groundwater Elevation Contour Map; Deep Wells, June 16, 2025



QUADRANGLE LOCATION



SOURCE:
USGS; 2013, Middle Island, NY
USGS; 2013, Port Jefferson, NY
7.5 Minute Topographic Quadrangle



Title:

SITE LOCATION MAP

416 MILLER PLACE-YAPHANK ROAD
MILLER PLACE, NEW YORK

Prepared for:

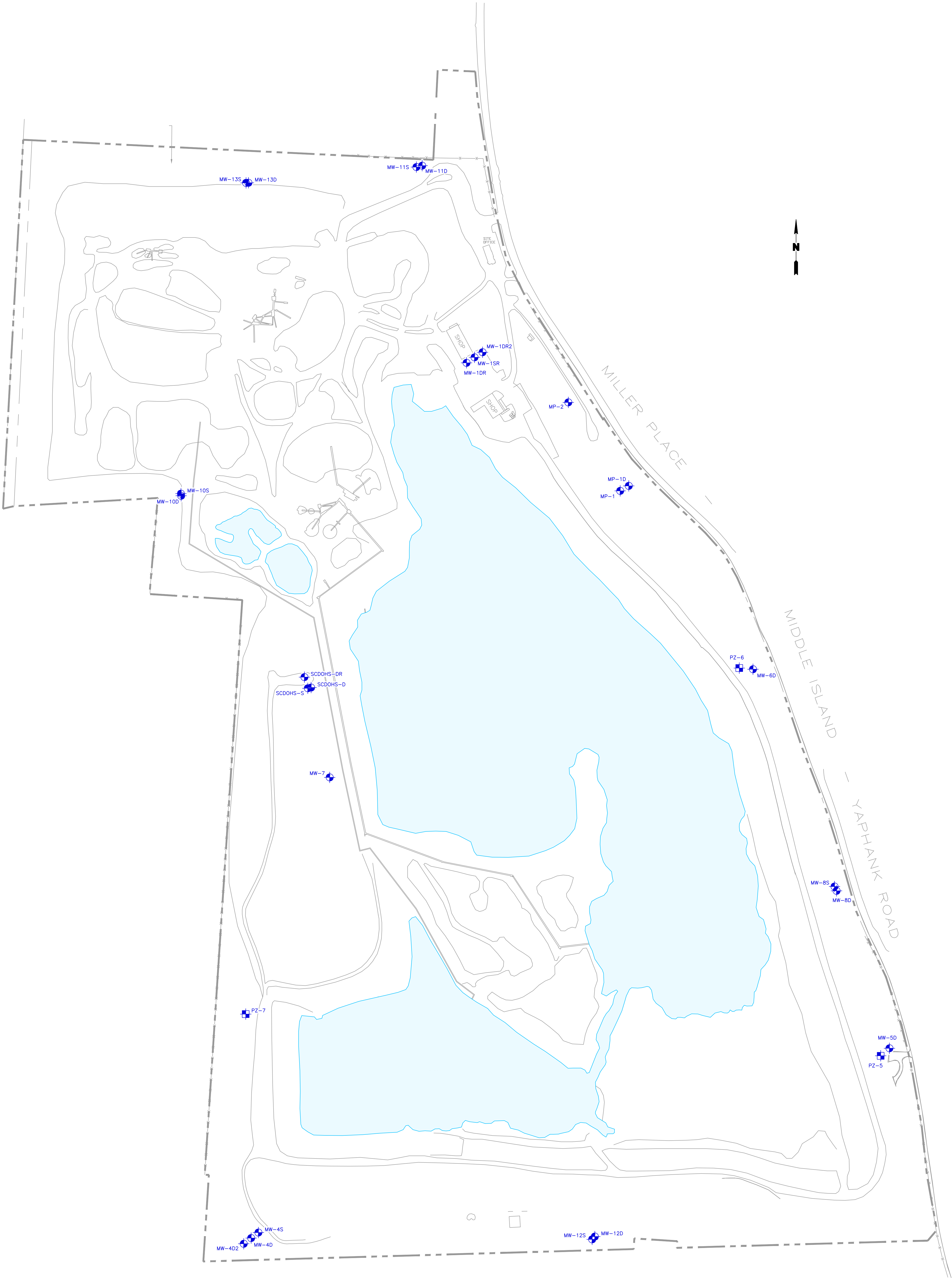
CORAM MATERIALS CORP.

ROUX

Compiled by: A.I.	Date: 11JUL25
Prepared by: G.M.	Scale: AS SHOWN
Project Mgr.: A.I.	Project No.: 2232.0006Y005
File: 2232.0006Y132.01.CDR	

FIGURE

1



LEGEND

MW-1DR

MONITORING WELL LOCATION AND DESIGNATION

P-7

PIEZOMETER LOCATION AND DESIGNATION

CURRENT LAKES AND PONDS

- NOTES
1. PROPERTY LINE SURVEY BY: FRANCIS X. KARL, BLUE POINT, NY.
LAST REVISED OCT. 23, 2015

2. CONVEYOR BELT LAYOUT SCHEMATIC AS SHOWN.

3. CURRENT EXTENT OF SURFACE WATER ONSITE BASED ON GOOGLE
AERIAL IMAGE AS OF 2019.

Title:

SITE PLAN

416 MILLER PLACE-YAPHANK ROAD
MILLER PLACE, NEW YORK

Prepared for:

CORAM MATERIALS CORP.

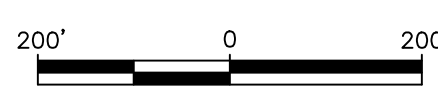
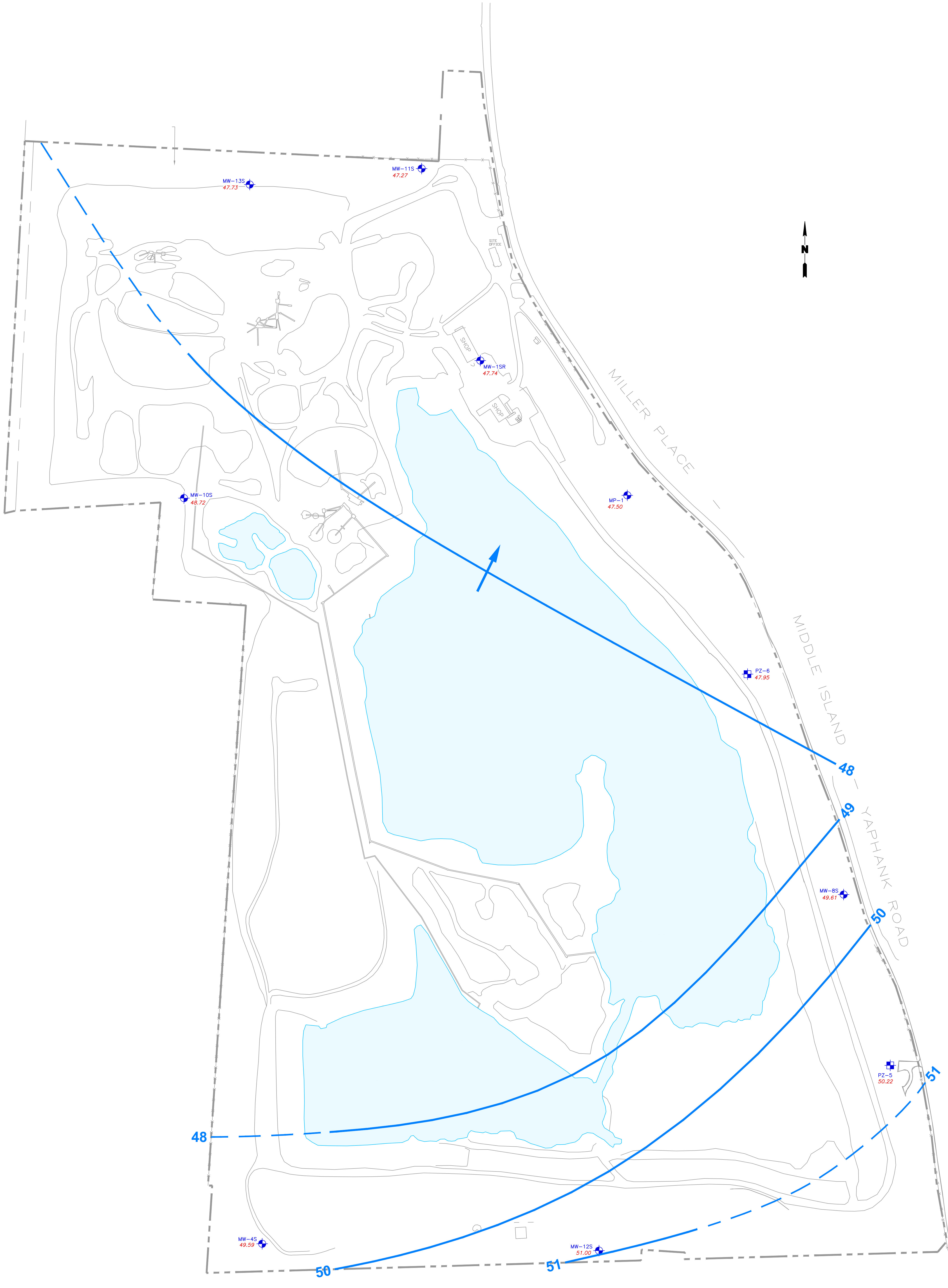
ROUX

Compiled by: A.I.
Prepared by: G.M.
Project Mgr: A.I.
File: 2232.0006Y132.02.DWG

Date: 11JUL25
Scale: AS SHOWN
Project: 2232.0006Y005

FIGURE

2



- LEGEND
- MW-13S

PZ-5

50.22

50

SHALLOW MONITORING WELL LOCATION AND DESIGNATION

PIEZOMETER LOCATION AND DESIGNATION

GROUNDWATER ELEVATION, IN FEET RELATIVE TO NAVD88

SURFACE WATER

LINE OF EQUAL WATER-LEVEL ELEVATION, IN FEET RELATIVE TO NAVD88 (DASHED WHERE ESTIMATED)

GROUNDWATER FLOW DIRECTION
- NOTES

1. PROPERTY LINE SURVEY BY: FRANCIS X. KARL, BLUE POINT, NY. LAST REVISED OCT. 23, 2015

2. CONVEYOR BELT LAYOUT SCHEMATIC AS SHOWN.

3. CURRENT EXTENT OF SURFACE WATER ONSITE BASED ON GOOGLE AERIAL IMAGE AS OF 2019.
- Title:

GROUNDWATER ELEVATIONS AND CONTOUR MAP - SHALLOW WELLS

JUNE 16, 2025

416 MILLER PLACE-YAPHANK ROAD

MILLER PLACE, NEW YORK

Prepared for:

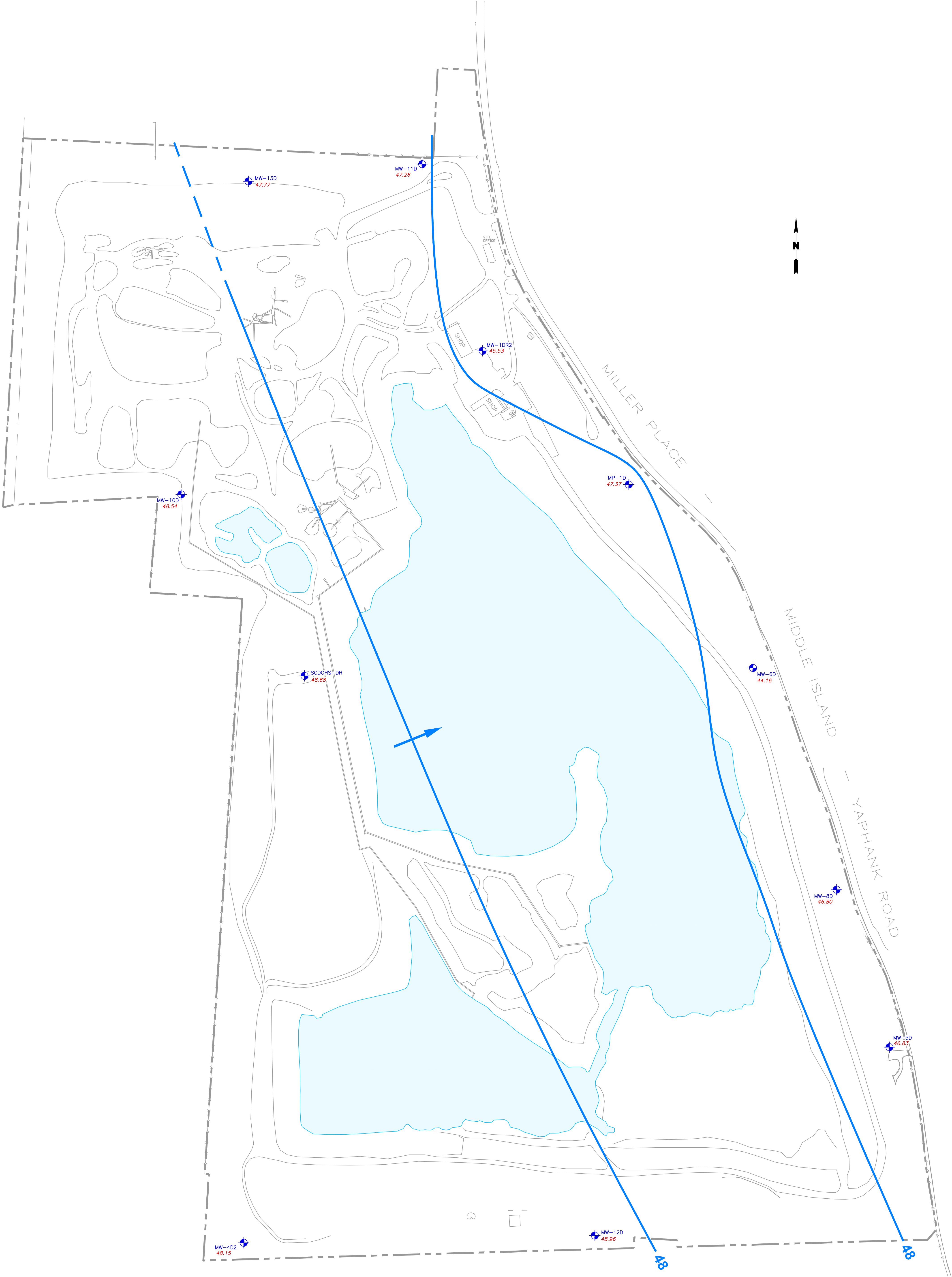
CORAM MATERIALS CORP.

ROUTED

Compiled by: A.I.	Date: 11JUL25
Prepared by: G.M.	Scale: AS SHOWN
Project Mgr: A.I.	Project: 2232.0006Y005
File: 2232.0006Y132.03.DWG	

FIGURE

3
- \\C:\PROJECTS\2232\2232.0006Y132.DWG



LEGEND

MW-13D

47.77

SHALLOW MONITORING WELL LOCATION AND DESIGNATION

GROUNDWATER ELEVATION, IN FEET RELATIVE TO NAVD88

SURFACE WATER

49

GROUNDWATER FLOW DIRECTION

LINE OF EQUAL WATER-LEVEL ELEVATION, IN FEET RELATIVE TO NAVD88 (DASHED WHERE ESTIMATED)

- NOTES
1. PROPERTY LINE SURVEY BY: FRANCIS X. KARL, BLUE POINT, NY. LAST REVISED OCT. 23, 2015

2. CONVEYOR BELT LAYOUT SCHEMATIC AS SHOWN.

3. CURRENT EXTENT OF SURFACE WATER ONSITE BASED ON GOOGLE AERIAL IMAGE AS OF 2019.

Title:

GROUNDWATER ELEVATION AND CONTOUR MAP - DEEP WELLS

JUNE 16, 2025

416 MILLER PLACE-YAPHANK ROAD

MILLER PLACE, NEW YORK

Prepared for:

CORAM MATERIALS CORP.

ROUTED

ROUTED

Compiled by: A.I.

Prepared by: G.M.

Project Mgr: A.I.

Date: 11JUL25

Scale: AS SHOWN

Project: 2232.0006Y005

File: 2232.0006Y132.04.DWG

FIGURE

4

Second Quarter 2025 Quarterly Groundwater Monitoring Report
416 Miller Place-Yaphank Road, Miller Place, New York

APPENDICES

- A. Field Instrument Calibration Log
- B. Groundwater Low-Flow Purge Logs
- C. Laboratory Analytical Reports
- D. Field Notes
- E. Chains of Custody

Second Quarter 2025 Quarterly Groundwater Monitoring Report
416 Miller Place-Yaphank Road, Miller Place, New York

APPENDIX A

Field Instrument Calibration

Second Quarter 2025 Quarterly Groundwater Monitoring Report
416 Miller Place-Yaphank Road, Miller Place, New York

APPENDIX B

Groundwater Low-Flow Purge Logs

Well Sampling Data Form

Client:	US Concrete/Coram Materials	Project Number: 2232.0006Y005
Site Location:	416 Miller Place-Yaphank Road, Miller Place, NY	
Well No:	SCDOH-DR	Weather: 80 F, Sunny
Date:	6/19/2025	Purge Water Disposal: N/A
Sampled By:	AI	Well Diameter / Type: 2" stick-up
Depth of Well (ft):	136.76	Water Column (ft): 90.00
Depth to Water(ft):	46.76	Volume of Water in Well (gal) 14.69
Depth to Product (ft):	N/A	
well diameter:	1 in	2 in 4 in 6 in 8 in
gallons per foot:	0.041	0.163 0.653 1.469 2.611
Start Purging:	9:30	Purge Rate: 200 mL/min
End Purging:	10:05	Volume of Water Removed (gal): 2
Method of Purge:	Grundfos	Method of Sampling: Low-Flow
Physical Appearance/ Comments:	Cloudy to clear	
Samples Collected: (analyses / no. bottles)	Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)	
Time:	10:00	Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
09:35	46.75	200	243	0.271	205.0	6.15	15.62	12.50
09:40	46.75	200	247	0.279	189.0	6.00	14.58	8.19
09:45	46.75	200	258	0.286	32.9	5.84	13.68	7.93
09:50	46.75	200	262	0.285	0.0	5.77	13.58	7.71
09:55	46.75	200	264	0.285	0.0	5.77	13.47	7.73
10:00	46.75	200	267	0.286	0.0	5.73	13.54	7.71

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MP-1 Weather: 64 F, Light Rain

Date: 6/17/2025 Purge Water Disposal: N/A

Sampled By: BW Well Diameter / Type: 2" stick-up

Depth of Well (ft): 59.40 Water Column (ft): 9.89

Depth to Water(ft): 49.51 Volume of Water in Well (gal) 1.61

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 10:30 Purge Rate: 200ml/min

End Purging: 11:15 Volume of Water Removed (gal): 2.5

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 11:00 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
10:40	49.51	200	239	0.222	6.4	6.50	14.62	3.74
10:45	49.51	200	234	0.221	5.1	6.58	14.42	3.52
10:50	49.51	200	221	0.219	0.0	6.88	14.25	3.42
10:55	49.51	200	220	0.220	0.0	6.91	14.44	3.33
11:00	49.51	200	218	0.220	0.0	7.01	14.44	3.25

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MP-1D Weather: 64 F, Rain

Date: 6/17/2025 Purge Water Disposal: N/A

Sampled By: RM Well Diameter / Type: 2" stick-up

Depth of Well (ft): 215.52 Water Column (ft): 164.87

Depth to Water(ft): 50.65 Volume of Water in Well (gal): 26.91

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 10:30 Purge Rate: 200

End Purging: 11:00 Volume of Water Removed (gal): 2

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 11:05 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
10:35	50.65	200	155	0.266	4.5	6.98	15.22	5.25
10:40	50.66	200	143	0.262	3.4	7.05	14.76	3.09
10:45	50.68	200	142	0.261	3.0	7.04	14.66	3.13
10:50	50.7	200	142	0.262	1.3	7.05	14.83	3.19
10:55	50.72	200	150	0.257	1.2	6.84	14.61	1.27
11:00	50.74	200	160	0.253	1.3	6.49	14.43	0.00

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-1SR Weather: 68 F, Mostly Cloudy

Date: 6/16/2025 Purge Water Disposal: N/A

Sampled By: RM Well Diameter / Type: 2" stick-up

Depth of Well (ft): 39.50 Water Column (ft): 13.46

Depth to Water(ft): 26.04 Volume of Water in Well (gal): 2.20

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 13:20 Purge Rate: 200 mL/min

End Purging: 13:55 Volume of Water Removed (gal): 2.5

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)

Time: 13:50 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
13:25	26.04	200	129	0.158	9.3	6.80	11.66	11.61
13:30	26.00	200	130	0.156	0.0	6.73	11.67	9.58
13:35	25.98	200	139	0.155	0.0	6.68	11.65	9.42
13:40	25.97	200	161	0.156	0.0	6.56	11.62	8.73
13:45	25.96	200	177	0.156	0.0	6.42	11.60	7.93
13:50	25.96	200	186	0.156	0.0	6.37	11.58	7.56

Well Sampling Data Form

Client:	US Concrete/Coram Materials	Project Number:	2232.0006Y005		
Site Location:	416 Miller Place-Yaphank Road, Miller Place, NY				
Well No:	MW-1DR2	Weather:	68 F, Mostly Cloudy		
Date:	6/16/2025	Purge Water Disposal:	N/A		
Sampled By:	BW	Well Diameter / Type:	2" stick-up		
Depth of Well (ft):	188.75	Water Column (ft):	160.77		
Depth to Water(ft):	27.98	Volume of Water in Well (gal)	26.24		
Depth to Product (ft):	N/A				
well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611
Start Purging:	13:10	Purge Rate:	200		
End Purging:	13:50	Volume of Water Removed (gal):	3		
Method of Purge:	Grundfos	Method of Sampling:	Low-Flow		
Physical Appearance/ Comments:	brown/ cloudy to clear				
Samples Collected: (analyses / no. bottles)	Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)				
Time:	13:45	Laboratory :	Alpha Analytical		

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
13:25	33.06	200	105	0.144	34.0	6.22	12.95	5.48
13:30	33.06	200	140	0.144	22.7	6.53	12.72	5.20
13:35	33.06	200	146	0.145	17.2	6.69	12.49	4.88
13:40	33.06	200	155	0.145	14.9	6.79	12.37	4.73
13:45	33.06	200	157	0.146	9.7	6.80	12.30	4.60

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-4S Weather: 84 F, Fair

Date: 6/19/2025 Purge Water Disposal: N/A

Sampled By: AI Well Diameter / Type: 2" stick-up

Depth of Well (ft): 76.21 Water Column (ft): 5.63

Depth to Water(ft): 70.58 Volume of Water in Well (gal): 0.92

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 10:35 Purge Rate: 200 mL/min

End Purging: 11:17 Volume of Water Removed (gal): 3

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 11:10 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
10:50	70.67	200	256	0.241	0.0	6.21	16.03	13.88
10:55	70.67	200	254	0.256	0.0	6.16	14.31	8.29
11:00	70.67	200	254	0.257	0.0	6.10	14.12	7.94
11:05	70.67	200	258	0.258	0.0	6.01	14.03	7.82
11:10	70.67	200	260	0.258	0.0	5.97	14.00	7.83

Well Sampling Data Form

Client:	US Concrete/Coram Materials	Project Number:	2232.0006Y005		
Site Location:	416 Miller Place-Yaphank Road, Miller Place, NY				
Well No:	MW-4D2	Weather:	56 F, mostly Cloudy		
Date:	6/19/2025	Purge Water Disposal:	N/A		
Sampled By:	AI	Well Diameter / Type:	2" stick-up		
Depth of Well (ft):	134.39	Water Column (ft):	63.21		
Depth to Water(ft):	71.18	Volume of Water in Well (gal)	10.32		
Depth to Product (ft):	N/A				
well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611
Start Purging:	10:40	Purge Rate:	200 mL/min		
End Purging:	11:10	Volume of Water Removed (gal):	2		
Method of Purge:	Grundfos	Method of Sampling:	Low-Flow		
Physical Appearance/ Comments:	Clear				
Samples Collected: (analyses / no. bottles)	Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)				
Time:	11:05	Laboratory :	Alpha Analytical		

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV	Conductivity mS/m - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Dissolved O ₂ mg/L
			(+/- 10 mV)	(w/in 3%)	(w/in %10)	(+/- 0.1)	(w/in 3%)	(w/in 10%)
10:45	71.18	200	167	0.102	0.0	6.62	14.3	7.74
10:50	71.18	200	200	0.101	0.0	6.00	13.92	7.18
10:55	71.18	200	227	0.102	0.0	5.45	13.76	6.88
11:00	71.18	200	219	0.105	0.0	5.73	13.85	6.57
11:05	71.18	200	215	0.106	0.0	5.80	13.90	6.40

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: PZ-5 Weather: 67 F, Fog

Date: 6/18/2025 Purge Water Disposal: N/A

Sampled By: RM Well Diameter / Type: 2" stick-up

Depth of Well (ft): 34.87 Water Column (ft): 4.17

Depth to Water(ft): 30.70 Volume of Water in Well (gal): 0.68

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 10:15 Purge Rate: 150 mL/min

End Purging: 10:45 Volume of Water Removed (gal): 2

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 10:45 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
10:20	31.52	150	262	0.170	300.0	6.13	12.9	6.08
10:25	31.52	150	265	0.188	117.0	6.14	12.9	5.32
10:30	31.49	150	266	0.200	0.0	6.15	12.9	4.39
10:35	31.47	150	267	0.217	0.0	6.15	12.9	4.46
10:40	31.45	150	267	0.217	0.0	6.15	12.87	4.40
10:45	31.43	150	268	0.217	0.0	6.15	12.88	4.37

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-5D Weather: 67 F, Fog

Date: 6/18/2025 Purge Water Disposal: N/A

Sampled By: RM Well Diameter / Type: 2" stick-up

Depth of Well (ft): 194.27 Water Column (ft): 162.09

Depth to Water(ft): 32.18 Volume of Water in Well (gal): 26.45

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 12:35 Purge Rate: 200 mL/min

End Purging: 13:40 Volume of Water Removed (gal): 3

Method of Purge: Geosub Method of Sampling: Low-Flow

Physical Appearance/
Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 10:30 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
10:05	33.05	150	252	0.229	0.0	6.35	14.38	7.14
10:10	33.05	150	270	0.230	0.0	6.01	12.89	7.57
10:15	33.05	150	268	0.232	0.0	6.03	12.6	7.37
10:20	33.05	150	265	0.236	0.0	5.99	12.61	6.05
10:25	33.07	150	266	0.236	0.0	5.97	12.62	6.01
10:30	33.09	150	270	0.236	0.0	5.90	12.63	6.05

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y004

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: PZ-6 Weather: 66 F, Mist

Date: 6/17/2025 Purge Water Disposal: N/A

Sampled By: RM Well Diameter / Type: 2" stick-up

Depth of Well (ft): 48.74 Water Column (ft): 8.93

Depth to Water(ft): 39.81 Volume of Water in Well (gal) 1.46

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 12:30 Purge Rate: 200 mL/min

End Purging: 13:05 Volume of Water Removed (gal): 2

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 13:00 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
12:35	39.81	150	167	0.601	160.0	5.93	15.95	0.00
12:40	39.8	150	145	0.596	14.6	6.91	15.94	0.00
12:45	39.77	150	143	0.583	9.9	6.89	15.93	0.00
12:50	39.78	150	133	0.578	11.5	6.99	15.92	0.00
12:55	39.76	150	130	0.575	2.6	6.93	15.91	0.00
13:00	39.77	150	129	0.570	1.3	6.94	15.91	0.00

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-6D Weather: 66 F, Mist

Date: 6/17/2025 Purge Water Disposal: N/A

Sampled By: BW Well Diameter / Type: 2" stick-up

Depth of Well (ft): 203.29 Water Column (ft): 160.91

Depth to Water(ft): 42.38 Volume of Water in Well (gal): 26.26

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 12:30 Purge Rate: 200 mL/min

End Purging: 13:10 Volume of Water Removed (gal): 2

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 13:05 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
12:40	42.38	200	207	0.178	0.0	6.74	14.7	5.84
12:45	42.38	200	223	0.178	0.0	6.25	13/67	5.14
12:50	42.38	200	215	0.178	0.0	6.44	13.42	5.20
12:55	42.38	200	211	0.179	0.0	6.53	13.33	5.23
13:00	42.38	200	212	0.179	0.0	6.55	13.29	5.28
13:05	42.38	200	213	0.179	0.0	6.57	13.25	5.30

Well Sampling Data Form

Client:	US Concrete/Coram Materials	Project Number:	2232.0006Y005		
Site Location:	416 Miller Place-Yaphank Road, Miller Place, NY				
Well No:	MW-8S	Weather:	66 F, Fog		
Date:	6/18/2024	Purge Water Disposal:	N/A		
Sampled By:	RM	Well Diameter / Type:	2" stick-up		
Depth of Well (ft):	51.57	Water Column (ft):	15.07		
Depth to Water(ft):	36.50	Volume of Water in Well (gal)	2.46		
Depth to Product (ft):	N/A				
well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611
Start Purging:	8:25	Purge Rate:	175		
End Purging:	9:05	Volume of Water Removed (gal):	2.0		
Method of Purge:	Grundfos	Method of Sampling:	Low-Flow		
Physical Appearance/ Comments:	Brown/cloudy to clear				
Samples Collected: (analyses / no. bottles)	Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)				
Time:	9:00	Laboratory :	Alpha Analytical		

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV	Conductivity mS/m - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Dissolved O ₂ mg/L
			(+/- 10 mV)	(w/in 3%)	(w/in %10)	(+/- 0.1)	(w/in 3%)	(w/in 10%)
8:35	36.51	175	282	0.150	78.0	4.88	13.27	4.50
8:40	36.53	175	295	0.155	59.6	4.69	14.05	7.33
8:45	36.51	175	294	0.161	49.5	5.05	14.09	6.28
8:50	36.49	175	292	0.163	48.6	5.10	14.09	5.94
8:55	36.48	175	293	0.165	45.1	5.14	14.1	5.55
9:00	36.47	175	293	0.166	41.7	5.15	14.12	5.37

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-8D Weather: 66 F, Fog

Date: 6/18/2025 Purge Water Disposal: N/A

Sampled By: RM Well Diameter / Type: 2" stick-up

Depth of Well (ft): 198.89 Water Column (ft): 160.39

Depth to Water(ft): 38.50 Volume of Water in Well (gal): 26.18

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 8:35 Purge Rate: 200

End Purging: 9:10 Volume of Water Removed (gal): 2

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 9:05 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
8:40	38.85	175	261	0.210	0.0	5.63	13.24	7.39
8:45	38.76	175	255	0.208	0.0	5.75	13.32	10.98
8:50	38.69	175	259	0.208	0.0	5.84	13.19	10.19
8:55	38.66	175	259	0.208	0.0	5.84	13.18	9.83
9:00	36.62	175	258	0.208	0.0	5.94	13.15	9.57
9:05	38.60	175	258	0.208	0.0	5.99	13.15	9.48

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-10S Weather: 80 F, Sunny

Date: 6/19/2025 Purge Water Disposal: N/A

Sampled By: BW Well Diameter / Type: 2" stick-up

Depth of Well (ft): 28.48 Water Column (ft): 6.75

Depth to Water(ft): 21.73 Volume of Water in Well (gal) 1.10

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 08:05 Purge Rate: 150 mL/min

End Purging: 8:45 Volume of Water Removed (gal): 2

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Light brown to clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 8:38 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
8:18	22.54	150	258	0.114	46.4	5.29	12.44	8.66
8:23	22.54	150	272	0.114	0.0	5.38	12.38	7.75
8:28	22.54	150	283	0.115	0.0	5.29	12.37	7.69
8:33	22.54	150	286	0.117	0.0	5.29	12.35	7.64
8:38	22.54	150	290	0.118	0.0	5.27	12.30	7.60

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-10D Weather: 80 F, Sunny

Date: 6/19/2025 Purge Water Disposal: N/A

Sampled By: AI Well Diameter / Type: 2" stick-up

Depth of Well (ft): 167.31 Water Column (ft): 145.06

Depth to Water(ft): 22.25 Volume of Water in Well (gal): 23.68

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 8:12 Purge Rate: 200 mL/min

End Purging: 8:55 Volume of Water Removed (gal): 2.5

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 8:50 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
8:20	22.54	200	157	0.190	0.0	10.31	12.79	0.00
8:25	22.54	200	143	0.172	12.5	9.54	12.7	0.00
8:30	22.54	200	63	0.158	10.6	8.51	12.62	0.00
8:35	22.54	200	-6	0.148	4.7	8.12	12.64	0.00
8:40	22.54	200	-20	0.144	2.5	7.96	12.70	0.00
8:45	22.54	200	-15	0.141	0.8	7.73	12.63	0.00
8:50	22.54	200	-8	0.139	0.0	7.57	12.59	0.00

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-11S Weather: 65 F, Cloudy

Date: 6/16/2025 Purge Water Disposal: N/A

Sampled By: BW Well Diameter / Type: 2" stick-up

Depth of Well (ft): 68.60 Water Column (ft): 6.45

Depth to Water(ft): 62.15 Volume of Water in Well (gal): 1.05

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 11:25 Purge Rate: 200 mL/min

End Purging: 12:10 Volume of Water Removed (gal): 2

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 12:05 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
11:40	62.2	200	294	0.263	0.0	5.88	14.19	5.74
11:45	62.21	200	273	0.267	0.2	5.92	14.85	5.82
11:50	62.21	200	274	0.269	0.0	5.96	14.86	5.89
11:55	62.21	200	273	0.271	0.0	5.97	14.88	5.82
12:00	62.21	200	274	0.272	0.0	5.97	14.91	5.79
12:05	62.21	200	274	0.271	0.0	5.98	14.93	5.77

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-11D Weather: 65 F, Cloudy

Date: 6/16/2025 Purge Water Disposal: N/A

Sampled By: RM Well Diameter / Type: 2" stick-up

Depth of Well (ft): 157.76 Water Column (ft): 93.98

Depth to Water(ft): 63.78 Volume of Water in Well (gal): 15.34

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 11:32 Purge Rate: 200 mL/min

End Purging: 12:13 Volume of Water Removed (gal): 2.5

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Orange/ cloudy to clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 12:08 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
11:48	64.07	200	29	0.199	26.2	5.80	13.12	0.00
11:53	64.13	200	25	0.199	6.0	5.66	13.12	0.00
11:58	64.10	200	23	0.199	3.4	5.65	13.06	0.00
12:03	64.10	200	21	0.198	1.6	5.64	13.08	0.00
12:08	64.10	200	19	0.198	0.0	5.67	13.08	0.00

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-12S Weather: 72 F, Mist

Date: 6/18/2025 Purge Water Disposal: N/A

Sampled By: RM Well Diameter / Type: 2" stick-up

Depth of Well (ft): 76.29 Water Column (ft): 16.64

Depth to Water(ft): 59.65 Volume of Water in Well (gal): 2.72

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 12:50 Purge Rate: 200 mL/min

End Purging: 13:25 Volume of Water Removed (gal): 2

Method of Purge: Geosub Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 13:20, regular and DUP Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
12:55	59.65	200	250	0.293	176.0	7.01	13.98	7.45
13:00	59.65	200	247	0.285	56.3	6.45	13.98	7.33
13:05	59.65	200	245	0.287	37.1	6.34	14.00	7.15
13:10	59.65	200	244	0.288	34.5	6.29	13.97	7.09
13:15	59.65	200	242	0.288	41.6	6.28	13.97	7.09
13:20	59.65	200	245	0.287	33.5	6.28	13.97	7.07

Well Sampling Data Form

Client: US Concrete/Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, NY

Well No: MW-12D Weather: 72 F, Mist

Date: 6/18/2025 Purge Water Disposal: N/A

Sampled By: BW Well Diameter / Type: 2" stick-up

Depth of Well (ft): 230.62 Water Column (ft): 170.21

Depth to Water(ft): 60.41 Volume of Water in Well (gal): 27.78

Depth to Product (ft): N/A

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 12:50 Purge Rate: 200 mL/min

End Purging: 13:27 Volume of Water Removed (gal): 2

Method of Purge: Grundfos Method of Sampling: Low-Flow

Physical Appearance/
Comments: Clear

Samples Collected: Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)
(analyses / no. bottles)

Time: 13:22 Laboratory : Alpha Analytical

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
13:02	61.50	200	211	0.180	0.0	6.28	15.19	4.71
13:07	61.50	200	234	0.183	0.0	5.83	13.81	4.67
13:12	61.50	200	241	0.184	0.0	5.76	13.67	3.57
13:17	61.50	200	247	0.185	0.0	5.68	13.62	2.85
13:22	61.50	200	251	0.185	0.0	5.55	13.59	2.98

Well Sampling Data Form

Client:	US Concrete/Coram Materials	Project Number:	2232.0006Y005		
Site Location:	416 Miller Place-Yaphank Road, Miller Place, NY				
Well No:	MW-13S	Weather:	67 F, Mist		
Date:	6/17/2025	Purge Water Disposal:	N/A		
Sampled By:	BW	Well Diameter / Type:	2" stick-up		
Depth of Well (ft):	44.57	Water Column (ft):	8.36		
Depth to Water(ft):	36.21	Volume of Water in Well (gal)	1.36		
Depth to Product (ft):	N/A				
well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611
Start Purging:	13:00	Purge Rate:	200 mL/min		
End Purging:	14:05	Volume of Water Removed (gal):	3		
Method of Purge:	Grundfos	Method of Sampling:	Low-Flow		
Physical Appearance/ Comments:	Light brown/orange to clear				
Samples Collected: (analyses / no. bottles)	Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)				
Time:	13:55	Laboratory :	Alpha Analytical		

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O ₂ mg/L (w/in 10%)
8:55	36.33	200	196	0.687	16.7	6.43	13.20	3.10
9:00	36.33	200	194	0.699	1.2	6.35	13.16	3.74
9:05	36.33	200	194	0.705	1.1	6.32	13.17	2.75
9:10	36.33	200	193	0.706	0.0	6.31	13.20	2.23
9:15	36.33	200	193	0.706	0.0	6.29	13.25	2.01

Well Sampling Data Form

Client:	US Concrete/ Coram Materials	Project Number: <u>2232.0006Y005</u>			
Site Location:	416 Miller Place-Yaphank Road, Miller Place, NY				
Well No:	MW-13D	Weather: <u>67 F, Mist</u>			
Date:	6/17/2025	Purge Water Disposal: <u>N/A</u>			
Sampled By:	RM	Well Diameter / Type: <u>2" stick-up</u>			
Depth of Well (ft):	128.84	Water Column (ft): <u>92.72</u>			
Depth to Water(ft):	36.12	Volume of Water in Well (gal) <u>15.13</u>			
Depth to Product (ft):	N/A				
well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611
Start Purging:	8:52	Purge Rate:	150 mL/min		
End Purging:	9:35	Volume of Water Removed (gal):	2.5		
Method of Purge:	Grundfos	Method of Sampling:	Low-Flow		
Physical Appearance/ Comments:	Cloudy, no heavy particulates				
Samples Collected: (analyses / no. bottles)	Baseline (VOCs, SVOCs, total and dissolved TAL Metals, Cations/Anions)				
Time:	9:30	Laboratory :	Alpha Analytical		

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV	Conductivity mS/m - S/m	Turbidity NTU	pH SU	Temperature C° - F°	Dissolved O ₂ mg/L
			(+/- 10 mV)	(w/in 3%)	(w/in %10)	(+/- 0.1)	(w/in 3%)	(w/in 10%)
9:00	36.31	150	277	0.176	182.0	5.31	12.61	7.96
9:05	36.22	150	276	0.175	128.0	5.38	12.61	7.88
9:10	36.23	150	275	0.175	113.0	5.37	12.62	7.82
9:15	36.20	150	276	0.175	104.0	5.37	12.60	7.79
9:20	36.21	150	276	0.174	101.0	5.37	12.61	7.78
9:25	36.21	150	276	0.174	25.4	5.42	12.60	7.66
9:30	36.21	150	276	0.174	20.0	5.45	12.61	7.62

Second Quarter 2025 Quarterly Groundwater Monitoring Report
416 Miller Place-Yaphank Road, Miller Place, New York

APPENDIX C

Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L2537655
Client:	Roux Env. Eng. & Geology, DPC 209 N. Shafter St. Islandia, NY 11749
ATTN:	Ashley Iervolino
Phone:	(631) 232-2600
Project Name:	CORAM MATERIALS
Project Number:	2232.0006Y005
Report Date:	07/02/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2537655-01	MW-11S	WATER	416 MILLER PLACE-YAPHANK RD.	06/16/25 12:05	06/16/25
L2537655-02	MW-11D	WATER	416 MILLER PLACE-YAPHANK RD.	06/16/25 12:08	06/16/25
L2537655-03	EQUIPMENT BLANK	EQUIPMENT BLANK	416 MILLER PLACE-YAPHANK RD.	06/16/25 12:30	06/16/25
L2537655-04	MW-1DRZ	WATER	416 MILLER PLACE-YAPHANK RD.	06/16/25 13:45	06/16/25
L2537655-05	MW-1SR	WATER	416 MILLER PLACE-YAPHANK RD.	06/16/25 13:50	06/16/25
L2537655-06	TRIP BLANK	WATER	416 MILLER PLACE-YAPHANK RD.	06/16/25 00:00	06/16/25

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Case Narrative (continued)

Report Submission

July 02, 2025: This final report includes the results of all requested analyses.

June 30, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analyses of Sulfide, Iodide, and Ammonium were subcontracted. Copies of the laboratory reports are included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Total Metals

The WG2082423-1 Method Blank associated with L2537655-01 through -05 has concentrations above the reporting limits for calcium and iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for these target analytes, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 07/02/25

ORGANICS

VOLATILES

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-01
 Client ID: MW-11S
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 12:05
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/24/25 15:39
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-01

Date Collected: 06/16/25 12:05

Client ID: MW-11S

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	128		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-02
 Client ID: MW-11D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 12:08
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/24/25 16:04
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2537655-02**Date Collected:** 06/16/25 12:08**Client ID:** MW-11D**Date Received:** 06/16/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	128		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-03
 Client ID: EQUIPMENT BLANK
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 12:30
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Equipment Blank
 Analytical Method: 1,8260D
 Analytical Date: 06/24/25 16:30
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2537655-03**Date Collected:** 06/16/25 12:30**Client ID:** EQUIPMENT BLANK**Date Received:** 06/16/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	124		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-04
 Client ID: MW-1DRZ
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 13:45
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/24/25 16:55
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2537655-04**Date Collected:** 06/16/25 13:45**Client ID:** MW-1DRZ**Date Received:** 06/16/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	124		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-05
 Client ID: MW-1SR
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 13:50
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/24/25 17:21
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2537655-05**Date Collected:** 06/16/25 13:50**Client ID:** MW-1SR**Date Received:** 06/16/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	121		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-06
 Client ID: TRIP BLANK
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 00:00
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/24/25 12:53
 Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2537655-06**Date Collected:** 06/16/25 00:00**Client ID:** TRIP BLANK**Date Received:** 06/16/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	109		70-130

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/24/25 09:16
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2083406-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70



Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/25 09:16
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2083406-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/25 09:16
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2083406-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	118		70-130

Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 06/24/25 09:06

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2083759-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70



Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/24/25 09:06
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2083759-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/25 09:06
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG2083759-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2083406-3 WG2083406-4								
Methylene chloride	93		94		70-130	1		20
1,1-Dichloroethane	93		94		70-130	1		20
Chloroform	98		98		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	92		91		70-130	1		20
Dibromochloromethane	95		88		63-130	8		20
1,1,2-Trichloroethane	94		87		70-130	8		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	94		94		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	99		96		70-130	3		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	95		93		67-130	2		20
trans-1,3-Dichloropropene	82		76		70-130	8		20
cis-1,3-Dichloropropene	87		83		70-130	5		20
Bromoform	84		76		54-136	10		20
1,1,2,2-Tetrachloroethane	83		76		67-130	9		20
Benzene	97		97		70-130	0		20
Toluene	89		89		70-130	0		20
Ethylbenzene	90		91		70-130	1		20
Chloromethane	84		88		64-130	5		20
Bromomethane	97		100		39-139	3		20
Vinyl chloride	85		91		55-140	7		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2083406-3 WG2083406-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	95		97		61-145	2		20
trans-1,2-Dichloroethene	94		98		70-130	4		20
Trichloroethene	95		96		70-130	1		20
1,2-Dichlorobenzene	95		94		70-130	1		20
1,3-Dichlorobenzene	96		96		70-130	0		20
1,4-Dichlorobenzene	95		95		70-130	0		20
Methyl tert butyl ether	81		75		63-130	8		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	95		98		70-130	3		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	90		93		36-147	3		20
Acetone	89		77		58-148	14		20
Carbon disulfide	130		140	Q	51-130	7		20
2-Butanone	94		77		63-138	20		20
4-Methyl-2-pentanone	74		67		59-130	10		20
2-Hexanone	74		69		57-130	7		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	95		88		70-130	8		20
1,2-Dibromo-3-chloropropane	83		74		41-144	11		20
Isopropylbenzene	81		82		70-130	1		20
1,2,3-Trichlorobenzene	97		93		70-130	4		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2083406-3 WG2083406-4								
1,2,4-Trichlorobenzene	94		94		70-130	0		20
Methyl Acetate	110		98		70-130	12		20
Cyclohexane	91		92		70-130	1		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	99		96		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		103		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	87		86		70-130
Dibromofluoromethane	106		109		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2083759-3 WG2083759-4								
Methylene chloride	88		90		70-130	2		20
1,1-Dichloroethane	99		100		70-130	1		20
Chloroform	90		96		70-130	6		20
Carbon tetrachloride	98		100		63-132	2		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	96		110		63-130	14		20
1,1,2-Trichloroethane	97		110		70-130	13		20
Tetrachloroethene	91		96		70-130	5		20
Chlorobenzene	92		98		75-130	6		20
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	97		100		70-130	3		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	98		100		67-130	2		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	83		91		54-136	9		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	98		100		70-130	2		20
Toluene	93		98		70-130	5		20
Ethylbenzene	92		99		70-130	7		20
Chloromethane	90		86		64-130	5		20
Bromomethane	61		64		39-139	5		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2083759-3 WG2083759-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	96		98		70-130	2		20
Trichloroethene	93		94		70-130	1		20
1,2-Dichlorobenzene	89		96		70-130	8		20
1,3-Dichlorobenzene	84		94		70-130	11		20
1,4-Dichlorobenzene	87		95		70-130	9		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	85		90		70-130	6		20
o-Xylene	85		90		70-130	6		20
cis-1,2-Dichloroethene	94		98		70-130	4		20
Styrene	75		80		70-130	6		20
Dichlorodifluoromethane	100		97		36-147	3		20
Acetone	110		100		58-148	10		20
Carbon disulfide	130		130		51-130	0		20
2-Butanone	100		110		63-138	10		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	95		100		57-130	5		20
Bromochloromethane	90		99		70-130	10		20
1,2-Dibromoethane	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Isopropylbenzene	87		96		70-130	10		20
1,2,3-Trichlorobenzene	82		98		70-130	18		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG2083759-3 WG2083759-4								
1,2,4-Trichlorobenzene	83		93		70-130	11		20
Methyl Acetate	110		120		70-130	9		20
Cyclohexane	100		100		70-130	0		20
Freon-113	130		140	Q	70-130	7		20
Methyl cyclohexane	95		95		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		105		70-130
Toluene-d8	102		106		70-130
4-Bromofluorobenzene	101		99		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-01
 Client ID: MW-11S
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 12:05
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/19/25 13:26
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2537655-01**Date Collected:** 06/16/25 12:05**Client ID:** MW-11S**Date Received:** 06/16/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	86		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-01
 Client ID: MW-11S
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 12:05
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/25/25 14:22
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-01

Date Collected: 06/16/25 12:05

Client ID: MW-11S

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	83		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-02
 Client ID: MW-11D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 12:08
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/19/25 13:48
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2537655-02**Date Collected:** 06/16/25 12:08**Client ID:** MW-11D**Date Received:** 06/16/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	94		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-02
 Client ID: MW-11D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 12:08
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/25/25 14:39
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-02

Date Collected: 06/16/25 12:08

Client ID: MW-11D

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	82		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-03
 Client ID: EQUIPMENT BLANK
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 12:30
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Equipment Blank
 Analytical Method: 1,8270E
 Analytical Date: 06/19/25 14:11
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2537655-03**Date Collected:** 06/16/25 12:30**Client ID:** EQUIPMENT BLANK**Date Received:** 06/16/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	69		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-03
 Client ID: EQUIPMENT BLANK
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 12:30
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Equipment Blank
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/25/25 17:47
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-03

Date Collected: 06/16/25 12:30

Client ID: EQUIPMENT BLANK

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	69		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-04
 Client ID: MW-1DRZ
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 13:45
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/19/25 14:34
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2537655-04**Date Collected:** 06/16/25 13:45**Client ID:** MW-1DRZ**Date Received:** 06/16/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	78		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-04
 Client ID: MW-1DRZ
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 13:45
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/25/25 18:04
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-04

Date Collected: 06/16/25 13:45

Client ID: MW-1DRZ

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	76		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-05
 Client ID: MW-1SR
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 13:50
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/19/25 14:56
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2537655-05**Date Collected:** 06/16/25 13:50**Client ID:** MW-1SR**Date Received:** 06/16/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	75		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-05
 Client ID: MW-1SR
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/16/25 13:50
 Date Received: 06/16/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/25/25 18:21
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-05

Date Collected: 06/16/25 13:50

Client ID: MW-1SR

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	65		41-149

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/25 10:44
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/18/25 21:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2080671-1					
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/25 10:44
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/18/25 21:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2080671-1					
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	70		41-149

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/19/25 14:00
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/18/25 21:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05 Batch: WG2080673-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/19/25 14:00
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/18/25 21:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05 Batch: WG2080673-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	81		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2080671-2 WG2080671-3								
3,3'-Dichlorobenzidine	56		57		40-140	2		30
2,4-Dinitrotoluene	85		87		48-143	2		30
2,6-Dinitrotoluene	70		82		40-140	16		30
4-Chlorophenyl phenyl ether	76		68		40-140	11		30
4-Bromophenyl phenyl ether	72		69		40-140	4		30
Bis(2-chloroisopropyl)ether	68		45		40-140	41	Q	30
Bis(2-chloroethoxy)methane	73		49		40-140	39	Q	30
Hexachlorocyclopentadiene	45		41		40-140	9		30
Isophorone	77		55		40-140	33	Q	30
Nitrobenzene	80		54		40-140	39	Q	30
NDPA/DPA	74		74		40-140	0		30
n-Nitrosodi-n-propylamine	76		56		29-132	30		30
Bis(2-ethylhexyl)phthalate	71		80		40-140	12		30
Butyl benzyl phthalate	80		94		40-140	16		30
Di-n-butylphthalate	72		79		40-140	9		30
Di-n-octylphthalate	72		80		40-140	11		30
Diethyl phthalate	78		79		40-140	1		30
Dimethyl phthalate	60		71		40-140	17		30
Biphenyl	61		63		40-140	3		30
4-Chloroaniline	30	Q	24	Q	40-140	22		30
2-Nitroaniline	72		83		52-143	14		30
3-Nitroaniline	64		62		25-145	3		30
4-Nitroaniline	89		90		51-143	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2080671-2 WG2080671-3								
Dibenzofuran	70		64		40-140	9		30
1,2,4,5-Tetrachlorobenzene	59		56		2-134	5		30
Acetophenone	76		59		39-129	25		30
2,4,6-Trichlorophenol	60		62		30-130	3		30
p-Chloro-m-cresol	59		55		23-97	7		30
2-Chlorophenol	71		52		27-123	31	Q	30
2,4-Dichlorophenol	69		55		30-130	23		30
2,4-Dimethylphenol	66		41		30-130	47	Q	30
2-Nitrophenol	91		62		30-130	38	Q	30
4-Nitrophenol	59		61		10-80	3		30
2,4-Dinitrophenol	64		74		20-130	14		30
4,6-Dinitro-o-cresol	79		82		20-164	4		30
Phenol	40		35		12-110	13		30
2-Methylphenol	52		35		30-130	39	Q	30
3-Methylphenol/4-Methylphenol	60		45		30-130	29		30
2,4,5-Trichlorophenol	67		74		30-130	10		30
Carbazole	76		79		55-144	4		30
Atrazine	82		86		40-140	5		30
Benzaldehyde	73		62		40-140	16		30
Caprolactam	28		25		10-130	11		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2080671-2 WG2080671-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		41		21-120
Phenol-d6	40		33		10-120
Nitrobenzene-d5	87		59		23-120
2-Fluorobiphenyl	61		62		15-120
2,4,6-Tribromophenol	82		79		10-120
4-Terphenyl-d14	75		86		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05 Batch: WG2080673-2 WG2080673-3								
Acenaphthene	70		63		40-140	11		40
2-Chloronaphthalene	66		57		40-140	15		40
Fluoranthene	74		76		40-140	3		40
Hexachlorobutadiene	58		43		40-140	30		40
Naphthalene	64		52		40-140	21		40
Benzo(a)anthracene	76		82		40-140	8		40
Benzo(a)pyrene	79		85		40-140	7		40
Benzo(b)fluoranthene	80		86		40-140	7		40
Benzo(k)fluoranthene	81		88		40-140	8		40
Chrysene	78		82		40-140	5		40
Acenaphthylene	69		62		40-140	11		40
Anthracene	75		76		40-140	1		40
Benzo(ghi)perylene	75		80		40-140	6		40
Fluorene	72		68		40-140	6		40
Phenanthrene	71		71		40-140	0		40
Dibenzo(a,h)anthracene	71		75		40-140	5		40
Indeno(1,2,3-cd)pyrene	67		73		40-140	9		40
Pyrene	73		75		40-140	3		40
2-Methylnaphthalene	66		55		40-140	18		40
Pentachlorophenol	90		94		40-140	4		40
Hexachlorobenzene	74		73		40-140	1		40
Hexachloroethane	59		43		40-140	31		40
Bis(2-chloroethyl)ether	70		55		40-140	24		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05 Batch: WG2080673-2 WG2080673-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		42		21-120
Phenol-d6	42		33		10-120
Nitrobenzene-d5	68		57		23-120
2-Fluorobiphenyl	73		62		15-120
2,4,6-Tribromophenol	82		81		10-120
4-Terphenyl-d14	81		83		41-149

METALS

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-01

Date Collected: 06/16/25 12:05

Client ID: MW-11S

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Barium, Total	0.0398		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Calcium, Total	47.3		mg/l	0.100	0.0350	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Copper, Total	0.0033	J	mg/l	0.0100	0.0022	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Magnesium, Total	10.6		mg/l	0.100	0.0153	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 12:38	06/25/25 10:40	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Potassium, Total	1.39	J	mg/l	2.50	0.237	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Sodium, Total	4.79		mg/l	2.00	0.120	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0058		mg/l	0.0050	0.0021	1	06/23/25 18:39	06/26/25 18:59	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0377		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-01

Date Collected: 06/16/25 12:05

Client ID: MW-11S

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	45.5		mg/l	0.100	0.0350	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Copper, Dissolved	0.0028	J	mg/l	0.0100	0.0022	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	9.86		mg/l	0.100	0.0153	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	0.00018	J	mg/l	0.00020	0.00009	1	06/26/25 10:22	06/26/25 16:16	EPA 245.1	3,245.1	MJR
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.35	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	4.72		mg/l	2.00	0.120	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	0.0056		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/26/25 17:09	EPA 3005A	19,200.7	DMC



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-02

Date Collected: 06/16/25 12:08

Client ID: MW-11D

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.64		mg/l	0.100	0.0318	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Arsenic, Total	0.0072		mg/l	0.0050	0.0019	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Barium, Total	0.0627		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Calcium, Total	17.4		mg/l	0.100	0.0350	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Chromium, Total	0.0104		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Copper, Total	0.0053	J	mg/l	0.0100	0.0022	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Iron, Total	53.6		mg/l	0.0500	0.0090	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Magnesium, Total	6.95		mg/l	0.100	0.0153	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Manganese, Total	0.0942		mg/l	0.0100	0.0016	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 12:38	06/25/25 10:43	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Potassium, Total	1.42	J	mg/l	2.50	0.237	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Sodium, Total	8.36		mg/l	2.00	0.120	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Vanadium, Total	0.0072	J	mg/l	0.0100	0.0020	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0126		mg/l	0.0050	0.0021	1	06/23/25 18:39	06/26/25 19:05	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	2.37		mg/l	0.100	0.0318	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	0.0066		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0572		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-02

Date Collected: 06/16/25 12:08

Client ID: MW-11D

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	16.4		mg/l	0.100	0.0350	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	0.0098	J	mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Copper, Dissolved	0.0057	J	mg/l	0.0100	0.0022	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Iron, Dissolved	42.2		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	6.49		mg/l	0.100	0.0153	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	0.0858		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/26/25 10:22	06/26/25 16:25	EPA 245.1	3,245.1	MJR
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.39	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	8.32		mg/l	2.00	0.120	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	0.0061	J	mg/l	0.0100	0.0020	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	0.106		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/26/25 17:15	EPA 3005A	19,200.7	DMC



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-03

Date Collected: 06/16/25 12:30

Client ID: EQUIPMENT BLANK

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Equipment Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Calcium, Total	ND		mg/l	0.100	0.0350	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Magnesium, Total	ND		mg/l	0.100	0.0153	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 12:38	06/25/25 10:46	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Potassium, Total	ND		mg/l	2.50	0.237	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Sodium, Total	ND		mg/l	2.00	0.120	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0025	J	mg/l	0.0050	0.0021	1	06/23/25 18:39	06/26/25 19:12	EPA 3005A	19,200.7	DMC

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Barium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-03

Date Collected: 06/16/25 12:30

Client ID: EQUIPMENT BLANK

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Equipment Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	ND		mg/l	0.100	0.0350	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Iron, Dissolved	0.0144	J	mg/l	0.0500	0.0090	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	ND		mg/l	0.100	0.0153	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 09:08	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	ND		mg/l	2.50	0.237	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	ND		mg/l	2.00	0.120	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	0.0147		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/26/25 17:02	EPA 3005A	19,200.7	DMC



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-04

Date Collected: 06/16/25 13:45

Client ID: MW-1DRZ

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Barium, Total	0.0268		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Calcium, Total	11.7		mg/l	0.100	0.0350	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Cobalt, Total	0.0025	J	mg/l	0.0200	0.0017	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Iron, Total	2.76		mg/l	0.0500	0.0090	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Magnesium, Total	5.35		mg/l	0.100	0.0153	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Manganese, Total	0.0444		mg/l	0.0100	0.0016	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 12:38	06/25/25 10:50	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Potassium, Total	1.18	J	mg/l	2.50	0.237	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Sodium, Total	9.87		mg/l	2.00	0.120	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0070		mg/l	0.0050	0.0021	1	06/23/25 18:39	06/26/25 19:19	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0250		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-04

Date Collected: 06/16/25 13:45

Client ID: MW-1DRZ

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	10.8		mg/l	0.100	0.0350	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	0.0024	J	mg/l	0.0200	0.0017	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Iron, Dissolved	2.49		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	5.02		mg/l	0.100	0.0153	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	0.0424		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 09:12	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.15	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	9.53		mg/l	2.00	0.120	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	0.0058		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/26/25 19:38	EPA 3005A	19,200.7	DMC



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-05

Date Collected: 06/16/25 13:50

Client ID: MW-1SR

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Barium, Total	0.0210		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Calcium, Total	18.6		mg/l	0.100	0.0350	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Magnesium, Total	4.92		mg/l	0.100	0.0153	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 12:38	06/25/25 11:00	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Potassium, Total	2.08	J	mg/l	2.50	0.237	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Sodium, Total	5.64		mg/l	2.00	0.120	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Zinc, Total	ND		mg/l	0.0050	0.0021	1	06/23/25 18:39	06/26/25 19:25	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0212		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC



Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2537655-05

Date Collected: 06/16/25 13:50

Client ID: MW-1SR

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	16.5		mg/l	0.100	0.0350	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	4.43		mg/l	0.100	0.0153	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 09:15	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.87	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	5.02		mg/l	2.00	0.120	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/26/25 19:46	EPA 3005A	19,200.7	DMC



Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-05 Batch: WG2081457-1										
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Barium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Calcium, Dissolved	ND		mg/l	0.100	0.0350	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Magnesium, Dissolved	ND		mg/l	0.100	0.0153	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Potassium, Dissolved	ND		mg/l	2.50	0.237	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Sodium, Dissolved	ND		mg/l	2.00	0.120	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG2082423-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM



Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Barium, Total	ND		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Calcium, Total	0.293		mg/l	0.100	0.0350	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Iron, Total	0.0838		mg/l	0.0500	0.0090	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Magnesium, Total	0.0618	J	mg/l	0.100	0.0153	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Potassium, Total	ND		mg/l	2.50	0.237	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Sodium, Total	0.473	J	mg/l	2.00	0.120	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM
Zinc, Total	0.0041	J	mg/l	0.0050	0.0021	1	06/23/25 18:39	06/24/25 09:35	19,200.7	EFM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG2082770-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 12:38	06/24/25 15:33	3,245.1	JWN

Prep Information

Digestion Method: EPA 245.1



Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 03-05 Batch: WG2083284-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 08:52	3,245.1	CME

Prep Information

Digestion Method: EPA 245.1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG2083826-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/26/25 10:22	06/26/25 16:10	3,245.1	MJR

Prep Information

Digestion Method: EPA 245.1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2081457-2								
Aluminum, Dissolved	107		-		85-115	-		
Antimony, Dissolved	93		-		85-115	-		
Arsenic, Dissolved	96		-		85-115	-		
Barium, Dissolved	101		-		85-115	-		
Beryllium, Dissolved	99		-		85-115	-		
Cadmium, Dissolved	94		-		85-115	-		
Calcium, Dissolved	104		-		85-115	-		
Chromium, Dissolved	102		-		85-115	-		
Cobalt, Dissolved	100		-		85-115	-		
Copper, Dissolved	100		-		85-115	-		
Iron, Dissolved	99		-		85-115	-		
Lead, Dissolved	96		-		85-115	-		
Magnesium, Dissolved	103		-		85-115	-		
Manganese, Dissolved	100		-		85-115	-		
Nickel, Dissolved	92		-		85-115	-		
Potassium, Dissolved	115		-		85-115	-		
Selenium, Dissolved	103		-		85-115	-		
Silver, Dissolved	104		-		85-115	-		
Sodium, Dissolved	112		-		85-115	-		
Thallium, Dissolved	93		-		85-115	-		
Vanadium, Dissolved	100		-		85-115	-		

Lab Control Sample Analysis
Batch Quality Control**Project Name:** CORAM MATERIALS**Project Number:** 2232.0006Y005**Lab Number:** L2537655**Report Date:** 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2081457-2					
Zinc, Dissolved	99	-	85-115	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2082423-2					
Aluminum, Total	113	-	85-115	-	
Antimony, Total	90	-	85-115	-	
Arsenic, Total	102	-	85-115	-	
Barium, Total	113	-	85-115	-	
Beryllium, Total	110	-	85-115	-	
Cadmium, Total	99	-	85-115	-	
Calcium, Total	103	-	85-115	-	
Chromium, Total	113	-	85-115	-	
Cobalt, Total	111	-	85-115	-	
Copper, Total	114	-	85-115	-	
Iron, Total	113	-	85-115	-	
Lead, Total	103	-	85-115	-	
Magnesium, Total	105	-	85-115	-	
Manganese, Total	110	-	85-115	-	
Nickel, Total	114	-	85-115	-	
Potassium, Total	106	-	85-115	-	
Selenium, Total	104	-	85-115	-	
Silver, Total	113	-	85-115	-	
Sodium, Total	108	-	85-115	-	
Thallium, Total	104	-	85-115	-	
Vanadium, Total	107	-	85-115	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2082423-2					
Zinc, Total	113	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2082770-2					
Mercury, Total	98	-	85-115	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 03-05 Batch: WG2083284-2					
Mercury, Dissolved	115	-	85-115	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2083826-2					
Mercury, Dissolved	107	-	85-115	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2081457-3 QC Sample: L2535446-01 Client ID: MS Sample												
Aluminum, Dissolved	60.1	2	64.4	215	Q	-	-		75-125	-		20
Antimony, Dissolved	ND	0.5	0.632	126	Q	-	-		75-125	-		20
Arsenic, Dissolved	0.036	0.12	0.171	113		-	-		75-125	-		20
Barium, Dissolved	0.172	2	2.24	103		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.0508	102		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.053	0.0448	84		-	-		75-125	-		20
Calcium, Dissolved	229	10	244	150	Q	-	-		75-125	-		20
Chromium, Dissolved	0.733	0.2	0.936	102		-	-		75-125	-		20
Cobalt, Dissolved	0.031	0.5	0.466	87		-	-		75-125	-		20
Copper, Dissolved	0.0190	0.25	0.298	112		-	-		75-125	-		20
Iron, Dissolved	377	1	389	1200	Q	-	-		75-125	-		20
Lead, Dissolved	ND	0.53	0.507	96		-	-		75-125	-		20
Magnesium, Dissolved	44.3	10	52.7	84		-	-		75-125	-		20
Manganese, Dissolved	6.16	0.5	6.81	130	Q	-	-		75-125	-		20
Nickel, Dissolved	0.560	0.5	1.11	110		-	-		75-125	-		20
Potassium, Dissolved	125	10	140	150	Q	-	-		75-125	-		20
Selenium, Dissolved	0.020	0.12	0.174	128	Q	-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.0561	112		-	-		75-125	-		20
Sodium, Dissolved	54.2	10	64.9	107		-	-		75-125	-		20
Thallium, Dissolved	ND	0.12	0.0450	38	Q	-	-		75-125	-		20
Vanadium, Dissolved	0.074	0.5	0.574	100		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control**Project Name:** CORAM MATERIALS**Project Number:** 2232.0006Y005**Lab Number:** L2537655**Report Date:** 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2081457-3 QC Sample: L2535446-01 Client ID: MS Sample									
Zinc, Dissolved	3.08	0.5	3.58	100	-	-	75-125	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2081457-7 WG2081457-8 QC Sample: L2538382-06 Client ID: MS Sample									
Aluminum, Dissolved	ND	2	2.02	101	2.03	102	75-125	0	20
Antimony, Dissolved	ND	0.5	0.378	76	0.399	80	75-125	5	20
Arsenic, Dissolved	ND	0.12	0.116	97	0.116	97	75-125	0	20
Barium, Dissolved	0.0366	2	1.97	97	2.00	98	75-125	2	20
Beryllium, Dissolved	ND	0.05	0.0483	97	0.0488	98	75-125	1	20
Cadmium, Dissolved	ND	0.053	0.0464	88	0.0471	89	75-125	1	20
Calcium, Dissolved	12.8	10	21.6	88	22.2	94	75-125	3	20
Chromium, Dissolved	0.0037J	0.2	0.197	98	0.198	99	75-125	1	20
Cobalt, Dissolved	ND	0.5	0.462	92	0.468	94	75-125	1	20
Copper, Dissolved	ND	0.25	0.241	96	0.244	98	75-125	1	20
Iron, Dissolved	ND	1	0.974	97	0.982	98	75-125	1	20
Lead, Dissolved	ND	0.53	0.505	95	0.513	97	75-125	2	20
Magnesium, Dissolved	5.44	10	14.9	95	15.2	98	75-125	2	20
Manganese, Dissolved	ND	0.5	0.472	94	0.476	95	75-125	1	20
Nickel, Dissolved	0.0039J	0.5	0.480	96	0.485	97	75-125	1	20
Potassium, Dissolved	1.11J	10	11.4	114	11.7	117	75-125	3	20
Selenium, Dissolved	ND	0.12	0.116	97	0.117	98	75-125	1	20
Silver, Dissolved	ND	0.05	0.0515	103	0.0515	103	75-125	0	20
Sodium, Dissolved	14.3	10	24.3	100	24.9	106	75-125	2	20
Thallium, Dissolved	ND	0.12	0.116	97	0.118	98	75-125	2	20
Vanadium, Dissolved	ND	0.5	0.482	96	0.486	97	75-125	1	20

Matrix Spike Analysis
Batch Quality Control**Project Name:** CORAM MATERIALS**Project Number:** 2232.0006Y005**Lab Number:** L2537655**Report Date:** 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2081457-7 WG2081457-8 QC Sample: L2538382-06 Client ID: MS Sample									
Zinc, Dissolved	0.0118	0.5	0.482	94	0.491	96	75-125	2	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05			QC Batch ID: WG2082423-3		QC Sample: L2539226-01		Client ID: MS Sample		
Aluminum, Total	0.470	2	2.91	122	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.495	99	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.132	110	-	-	75-125	-	20
Barium, Total	0.049	2	2.44	120	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0585	117	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.0549	104	-	-	75-125	-	20
Calcium, Total	16.9	10	28.0	111	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.238	119	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.582	116	-	-	75-125	-	20
Copper, Total	0.016	0.25	0.321	122	-	-	75-125	-	20
Iron, Total	0.408B	1	1.61	120	-	-	75-125	-	20
Lead, Total	0.0148	0.53	0.577	106	-	-	75-125	-	20
Magnesium, Total	1.14	10	12.0	109	-	-	75-125	-	20
Manganese, Total	0.026	0.5	0.600	115	-	-	75-125	-	20
Nickel, Total	0.003J	0.5	0.598	120	-	-	75-125	-	20
Potassium, Total	8.29	10	20.0	117	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.134	112	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0618	124	-	-	75-125	-	20
Sodium, Total	43.4	10	56.6	132	Q	-	75-125	-	20
Thallium, Total	ND	0.12	0.130	108	-	-	75-125	-	20
Vanadium, Total	0.004J	0.5	0.618	124	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control**Project Name:** CORAM MATERIALS**Project Number:** 2232.0006Y005**Lab Number:** L2537655**Report Date:** 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2082423-3 QC Sample: L2539226-01 Client ID: MS Sample									
Zinc, Total	0.016	0.5	0.609	119	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05			QC Batch ID: WG2082423-7			QC Sample: L2536104-02		Client ID: MS Sample		
Aluminum, Total	2.58	2	4.42	92		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.370	74	Q	-	-	75-125	-	20
Arsenic, Total	0.0284	0.12	0.144	96		-	-	75-125	-	20
Barium, Total	0.250	2	2.11	93		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0459	92		-	-	75-125	-	20
Cadmium, Total	0.0026J	0.053	0.0424	80		-	-	75-125	-	20
Calcium, Total	145	10	149	40	Q	-	-	75-125	-	20
Chromium, Total	0.0261	0.2	0.198	86		-	-	75-125	-	20
Cobalt, Total	0.006J	0.5	0.423	85		-	-	75-125	-	20
Copper, Total	0.639	0.25	0.881	97		-	-	75-125	-	20
Iron, Total	42.6	1	41.2	0	Q	-	-	75-125	-	20
Lead, Total	0.190	0.53	0.712	98		-	-	75-125	-	20
Magnesium, Total	27.0	10	35.0	80		-	-	75-125	-	20
Manganese, Total	0.209	0.5	0.641	86		-	-	75-125	-	20
Nickel, Total	0.0324	0.5	0.460	86		-	-	75-125	-	20
Potassium, Total	22.2	10	33.0	108		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.0414	34	Q	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0499	100		-	-	75-125	-	20
Sodium, Total	251	10	252	10	Q	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.114	95		-	-	75-125	-	20
Vanadium, Total	0.006J	0.5	0.473	95		-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2082423-7 QC Sample: L2536104-02 Client ID: MS Sample									
Zinc, Total	1.78	0.5	2.17	78	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2082770-3 QC Sample: L2538888-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00463	93	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2082770-5 QC Sample: L2538889-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00453	91	-	-	70-130	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 03-05 QC Batch ID: WG2083284-3 WG2083284-4 QC Sample: L2538013-01 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00459	92	0.00484	97	75-125	5	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2083826-3 QC Sample: L2537655-01 Client ID: MW-11S									
Mercury, Dissolved	0.00018J	0.005	0.00502	100	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2081457-4 QC Sample: L2535446-01 Client ID: DUP Sample						
Copper, Dissolved	0.0190	0.0190	mg/l	0		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2082423-4 QC Sample: L2539226-01 Client ID: DUP Sample						
Arsenic, Total	ND	0.0022J	mg/l	NC		20
Lead, Total	0.0148	0.0146	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2082423-8 QC Sample: L2536104-02 Client ID: DUP Sample						
Arsenic, Total	0.0284	0.0067	mg/l	123	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2082423-8 QC Sample: L2536104-02 Client ID: DUP Sample						
Cadmium, Total	0.0026J	0.0026J	mg/l	NC		20
Chromium, Total	0.0261	0.0252	mg/l	4		20
Copper, Total	0.639	0.550	mg/l	15		20
Lead, Total	0.190	0.163	mg/l	15		20
Nickel, Total	0.0324	0.0318	mg/l	2		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Zinc, Total	1.78	1.71	mg/l	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2082770-4 QC Sample: L2538888-01 Client ID: DUP Sample						
Mercury, Total	ND	0.00014J	mg/l	NC		20

Lab Duplicate Analysis*Batch Quality Control***Project Name:** CORAM MATERIALS**Project Number:** 2232.0006Y005**Lab Number:** L2537655**Report Date:** 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2082770-6 QC Sample: L2538889-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2083826-4 QC Sample: L2537655-01 Client ID: MW-11S					
Mercury, Dissolved	0.00018J	0.00014J	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2537655-01

Date Collected: 06/16/25 12:05

Client ID: MW-11S

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/24/25 07:55	121,2320B	MKT
Alkalinity, Bicarbonate	131.		mg CaCO3/L	2.00	NA	1	-	06/24/25 07:55	121,2320B	MKT
Solids, Total Dissolved	170		mg/l	13	4.0	1.3	-	06/21/25 17:58	121,2540C	REM
Chloride	3.6		mg/l	1.0	0.89	1	-	06/25/25 04:00	121,4500CL-E	MRM
Fluoride	0.03	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/18/25 04:24	121,4500NO3-F	KAF
Nitrogen, Nitrate	0.364		mg/l	0.100	0.022	1	-	06/18/25 04:24	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	0.36		mg/l	0.10	0.046	1	-	06/18/25 04:24	121,4500NO3-F	KAF
Total Nitrogen	0.36		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	0.298	J	mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:09	121,4500NH3-H	KEM
Phosphate, Total	0.040		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:14	121,4500P-E(M)	MEF
Sulfate	12.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.041	J	mg/l	0.050	0.013	1	-	06/24/25 18:29	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2537655-02

Date Collected: 06/16/25 12:08

Client ID: MW-11D

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/24/25 08:17	121,2320B	MKT
Alkalinity, Bicarbonate	33.5		mg CaCO3/L	2.00	NA	1	-	06/24/25 08:17	121,2320B	MKT
Solids, Total Dissolved	110		mg/l	13	4.0	1.3	-	06/21/25 17:58	121,2540C	REM
Chloride	13.		mg/l	1.0	0.89	1	-	06/25/25 04:01	121,4500CL-E	MRM
Fluoride	0.04	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/18/25 04:33	121,4500NO3-F	KAF
Nitrogen, Nitrate	0.272		mg/l	0.100	0.022	1	-	06/18/25 04:33	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	0.27		mg/l	0.10	0.046	1	-	06/18/25 04:33	121,4500NO3-F	KAF
Total Nitrogen	ND		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:10	121,4500NH3-H	KEM
Phosphate, Total	3.10		mg/l	0.061	0.025	2	06/29/25 15:36	06/29/25 17:37	121,4500P-E(M)	MEF
Sulfate	28.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.054		mg/l	0.050	0.013	1	-	06/24/25 18:41	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2537655-03

Date Collected: 06/16/25 12:30

Client ID: EQUIPMENT BLANK

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Equipment Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/24/25 08:18	121,2320B	MKT
Alkalinity, Bicarbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/24/25 08:18	121,2320B	MKT
Solids, Total Dissolved	5.0	J	mg/l	10	3.1	1	-	06/21/25 17:58	121,2540C	REM
Chloride	0.89	J	mg/l	1.0	0.89	1	-	06/25/25 04:02	121,4500CL-E	MRM
Fluoride	ND		mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/18/25 04:34	121,4500NO3-F	KAF
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	06/18/25 04:34	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	06/18/25 04:34	121,4500NO3-F	KAF
Total Nitrogen	ND		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:27	121,4500NH3-H	KEM
Phosphate, Total	0.012	J	mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:16	121,4500P-E(M)	MEF
Sulfate	1.9	J	mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	ND		mg/l	0.050	0.013	1	-	06/24/25 18:53	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2537655-04

Date Collected: 06/16/25 13:45

Client ID: MW-1DRZ

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/24/25 08:20	121,2320B	MKT
Alkalinity, Bicarbonate	32.5		mg CaCO3/L	2.00	NA	1	-	06/24/25 08:20	121,2320B	MKT
Solids, Total Dissolved	79.		mg/l	13	4.0	1.3	-	06/21/25 17:58	121,2540C	REM
Chloride	9.5		mg/l	1.0	0.89	1	-	06/25/25 04:03	121,4500CL-E	MRM
Fluoride	0.02	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/18/25 06:38	121,4500NO3-F	KAF
Nitrogen, Nitrate	1.46		mg/l	0.100	0.022	1	-	06/18/25 06:38	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	1.4		mg/l	0.10	0.046	1	-	06/18/25 06:38	121,4500NO3-F	KAF
Total Nitrogen	1.4		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:11	121,4500NH3-H	KEM
Phosphate, Total	0.025	J	mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:17	121,4500P-E(M)	MEF
Sulfate	18.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.070		mg/l	0.050	0.013	1	-	06/24/25 19:05	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2537655-05

Date Collected: 06/16/25 13:50

Client ID: MW-1SR

Date Received: 06/16/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/24/25 08:21	121,2320B	MKT
Alkalinity, Bicarbonate	54.4		mg CaCO3/L	2.00	NA	1	-	06/24/25 08:21	121,2320B	MKT
Solids, Total Dissolved	79.		mg/l	13	4.0	1.3	-	06/21/25 17:58	121,2540C	REM
Chloride	5.8		mg/l	1.0	0.89	1	-	06/25/25 04:03	121,4500CL-E	MRM
Fluoride	0.07	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/18/25 04:36	121,4500NO3-F	KAF
Nitrogen, Nitrate	0.647		mg/l	0.100	0.022	1	-	06/18/25 04:36	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	0.65		mg/l	0.10	0.046	1	-	06/18/25 04:36	121,4500NO3-F	KAF
Total Nitrogen	0.65		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:12	121,4500NH3-H	KEM
Phosphate, Total	0.037		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:18	121,4500P-E(M)	MEF
Sulfate	7.7	J	mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.039	J	mg/l	0.050	0.013	1	-	06/24/25 19:17	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2537655

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2080162-1										
Nitrogen, Nitrite	0.039	J	mg/l	0.050	0.013	1	-	06/18/25 03:33	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2080164-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	06/18/25 03:38	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2080170-1										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	06/18/25 03:48	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2080697-1										
Fluoride	ND		mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2081874-1										
Solids, Total Dissolved	ND		mg/l	10	3.1	1	-	06/21/25 17:58	121,2540C	REM
General Chemistry - Westborough Lab for sample(s): 01,03-05 Batch: WG2082473-1										
Phosphate, Total	0.015	J	mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:11	121,4500P-E(M)	MEF
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2082617-1										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/24/25 07:54	121,2320B	MKT
Alkalinity, Bicarbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/24/25 07:54	121,2320B	MKT
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2082652-1										
Sulfate	1.9	J	mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2082885-1										
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.022	1	06/24/25 22:32	06/25/25 14:11	121,4500NH3-H	KEM
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-05 Batch: WG2082916-1										
Bromide	ND		mg/l	0.050	0.013	1	-	06/24/25 13:39	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2083092-1										
Chloride	ND		mg/l	1.0	0.89	1	-	06/25/25 03:57	121,4500CL-E	MRM
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG2084951-1										
Phosphate, Total	0.012	J	mg/l	0.031	0.012	1	06/29/25 15:36	06/29/25 17:22	121,4500P-E(M)	MEF



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2080162-2								
Nitrogen, Nitrite	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2080164-2								
Nitrogen, Nitrate	102		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2080170-2								
Nitrogen, Nitrate/Nitrite	102		-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2080697-2								
Fluoride	86		-		78-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2081874-2								
Solids, Total Dissolved	90		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03-05 Batch: WG2082473-2								
Phosphate, Total	103		-		84-118	-		
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2082652-2								
Sulfate	105		-		90-110	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2082885-2					
Nitrogen, Total Kjeldahl	88	-	78-122	-	
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-05 Batch: WG2082916-2					
Bromide	94	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2083092-2					
Chloride	93	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG2084951-2					
Phosphate, Total	101	-	84-118	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05				QC Batch ID: WG2080162-4			QC Sample: L2537655-01			Client ID: MW-11S		
Nitrogen, Nitrite	ND	4	4.19	105		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-05				QC Batch ID: WG2080164-4			QC Sample: L2537655-01			Client ID: MW-11S		
Nitrogen, Nitrate	0.364	4	4.56	105		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01-05				QC Batch ID: WG2080170-4			QC Sample: L2537892-01			Client ID: MS Sample		
Nitrogen, Nitrate/Nitrite	1.1	4	5.3	105		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-05				QC Batch ID: WG2080697-4			QC Sample: L2538013-01			Client ID: MS Sample		
Fluoride	0.04J	1	0.91	91		-	-		69-124	-		13
General Chemistry - Westborough Lab Associated sample(s): 01,03-05				QC Batch ID: WG2082473-4			QC Sample: L2538013-01			Client ID: MS Sample		
Phosphate, Total	0.095	1.53	1.69	104		-	-		80-120	-		15
General Chemistry - Westborough Lab Associated sample(s): 01,03-05				QC Batch ID: WG2082473-6			QC Sample: L2538382-06			Client ID: MS Sample		
Phosphate, Total	0.037	1.53	1.61	103		-	-		80-120	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-05				QC Batch ID: WG2082652-4			QC Sample: L2538013-01			Client ID: MS Sample		
Sulfate	43.	100	150	104		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 01-05				QC Batch ID: WG2082885-4			QC Sample: L2538013-01			Client ID: MS Sample		
Nitrogen, Total Kjeldahl	ND	8	6.90	86		-	-		77-111	-		24
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-05				QC Batch ID: WG2082916-3			QC Sample: L2536739-12			Client ID: MS Sample		
Bromide	ND	0.4	0.337	84	Q	-	-		90-110	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2537655

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2083092-4 QC Sample: L2538013-01 Client ID: MS Sample									
Chloride	2.9	20	23	100	-	-	58-140	-	7
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG2084951-4 QC Sample: L2538805-02 Client ID: MS Sample									
Phosphate, Total	0.077	1.53	1.69	105	-	-	80-120	-	15

Lab Duplicate Analysis*Batch Quality Control***Project Name:** CORAM MATERIALS**Project Number:** 2232.0006Y005**Lab Number:** L2537655**Report Date:** 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-05	QC Batch ID: WG2080162-3	QC Sample: L2537655-01	Client ID: MW-11S		
Nitrogen, Nitrite	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab	Associated sample(s): 01-05	QC Batch ID: WG2080164-3	QC Sample: L2537655-01	Client ID: MW-11S		
Nitrogen, Nitrate	0.364	0.356	mg/l	2		17
General Chemistry - Westborough Lab	Associated sample(s): 01-05	QC Batch ID: WG2080170-3	QC Sample: L2537892-01	Client ID: DUP Sample		
Nitrogen, Nitrate/Nitrite	1.1	1.1	mg/l	0		20
General Chemistry - Westborough Lab	Associated sample(s): 01-05	QC Batch ID: WG2080697-3	QC Sample: L2538013-01	Client ID: DUP Sample		
Fluoride	0.04J	0.04J	mg/l	NC		13
General Chemistry - Westborough Lab	Associated sample(s): 01-05	QC Batch ID: WG2081874-3	QC Sample: L2537860-01	Client ID: DUP Sample		
Solids, Total Dissolved	640	560	mg/l	13	Q	10
General Chemistry - Westborough Lab	Associated sample(s): 01-05	QC Batch ID: WG2081874-4	QC Sample: L2537860-02	Client ID: DUP Sample		
Solids, Total Dissolved	550	520	mg/l	6		10
General Chemistry - Westborough Lab	Associated sample(s): 01,03-05	QC Batch ID: WG2082473-3	QC Sample: L2538013-01	Client ID: DUP Sample		
Phosphate, Total	0.095	0.089	mg/l	7		15
General Chemistry - Westborough Lab	Associated sample(s): 01,03-05	QC Batch ID: WG2082473-5	QC Sample: L2538382-06	Client ID: DUP Sample		
Phosphate, Total	0.037	0.040	mg/l	8		15

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORAM MATERIALS
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Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2082617-2 QC Sample: L2538013-01 Client ID: DUP Sample					
Alkalinity, Carbonate	ND	ND	mg CaCO3/L	NC	10
Alkalinity, Bicarbonate	266.	265	mg CaCO3/L	0	9
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2082652-3 QC Sample: L2538013-01 Client ID: DUP Sample					
Sulfate	43.	41	mg/l	5	14
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2082885-3 QC Sample: L2538013-01 Client ID: DUP Sample					
Nitrogen, Total Kjeldahl	ND	ND	mg/l	NC	24
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2082916-4 QC Sample: L2536739-12 Client ID: DUP Sample					
Bromide	ND	ND	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2083092-3 QC Sample: L2538013-01 Client ID: DUP Sample					
Chloride	2.9	3.0	mg/l	4	7
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG2084951-3 QC Sample: L2538805-02 Client ID: DUP Sample					
Phosphate, Total	0.077	0.077	mg/l	0	15

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
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A	Absent
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B	Absent
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C	Absent
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2537655-01A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-01B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-01C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-01D	Amber 100ml unpreserved	A	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2537655-01E	Amber 100ml unpreserved	A	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2537655-01F	Plastic 250ml HNO3 preserved	A	<2	<2	2.1	Y	Absent		ZN-RI(180),FE-RI(180),BE-RI(180),SE-RI(180),K-RI(180),MG-RI(180),AL-RI(180),MN-RI(180),TL-RI(180),SB-RI(180),CO-RI(180),CU-RI(180),BA-RI(180),CA-RI(180),CR-RI(180),NI-RI(180),AG-RI(180),HG-R(28),AS-RI(180),NA-RI(180),PB-RI(180),V-RI(180),CD-RI(180)
L2537655-01G	Plastic 250ml HNO3 preserved	A	<2	<2	2.1	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),K-UI(180),CO-UI(180),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),NA-UI(180),CR-UI(180),AL-UI(180),BE-UI(180),TL-UI(180),AS-UI(180),CU-UI(180),PB-UI(180),V-UI(180)
L2537655-01H	Plastic 250ml Zn Acetate/NaOH preserved	A	8	>9	2.1	N	Absent		SUB-SULFIDE(7)
L2537655-01I	Plastic 250ml Zn Acetate/NaOH preserved	A	8	>9	2.1	N	Absent		SUB-SULFIDE(7)
L2537655-01J	Plastic 250ml unpreserved/No Headspace	A	NA		2.1	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2537655-01K	Plastic 250ml unpreserved	C	7	7	3.9	Y	Absent		SUB-IODIDE(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2537655-01L	Plastic 950ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),TDS-2540(7),BR-300(28)
L2537655-01M	Amber 950ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2537655-01X	Plastic 250ml H2SO4 preserved split	A	<2	<2	2.1	Y	Absent		SUB-AMMONIUM(28)
L2537655-02A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-02B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-02C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-02D	Amber 100ml unpreserved	A	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2537655-02E	Amber 100ml unpreserved	A	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2537655-02F	Plastic 250ml HNO3 preserved	A	<2	<2	2.1	Y	Absent		FE-RI(180),ZN-RI(180),BE-RI(180),K-RI(180),SE-RI(180),AL-RI(180),MG-RI(180),MN-RI(180),TL-RI(180),CU-RI(180),CO-RI(180),SB-RI(180),BA-RI(180),CA-RI(180),AG-RI(180),HG-R(28),NI-RI(180),CR-RI(180),PB-RI(180),CD-RI(180),V-RI(180),AS-RI(180),NA-RI(180)
L2537655-02G	Plastic 250ml HNO3 preserved	A	<2	<2	2.1	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),K-UI(180),CO-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),CR-UI(180),MN-UI(180),BE-UI(180),NA-UI(180),AL-UI(180),AS-UI(180),PB-UI(180),V-UI(180),CU-UI(180),TL-UI(180)
L2537655-02H	Plastic 250ml Zn Acetate/NaOH preserved	A	8	>9	2.1	N	Absent		SUB-SULFIDE(7)
L2537655-02I	Plastic 250ml Zn Acetate/NaOH preserved	A	8	>9	2.1	N	Absent		SUB-SULFIDE(7)
L2537655-02J	Plastic 250ml unpreserved/No Headspace	A	NA		2.1	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2537655-02K	Plastic 250ml unpreserved	C	7	7	3.9	Y	Absent		SUB-IODIDE(7)
L2537655-02L	Plastic 950ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2537655-02M	Amber 950ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2537655-02X	Plastic 250ml H2SO4 preserved split	A	<2	<2	2.1	Y	Absent		SUB-AMMONIUM(28)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2537655-03A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-03B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-03C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-03D	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2537655-03E	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2537655-03F	Plastic 250ml HNO3 preserved	B	<2	<2	4.2	Y	Absent		ZN-RI(180),FE-RI(180),SE-RI(180),BE-RI(180),K-RI(180),MG-RI(180),AL-RI(180),TL-RI(180),MN-RI(180),SB-RI(180),CU-RI(180),CO-RI(180),BA-RI(180),CA-RI(180),CR-RI(180),NI-RI(180),AG-RI(180),HG-R(28),AS-RI(180),V-RI(180),CD-RI(180),NA-RI(180),PB-RI(180)
L2537655-03G	Plastic 250ml HNO3 preserved	B	<2	<2	4.2	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),CA-UI(180),AG-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),NA-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),CR-UI(180),TL-UI(180),AS-UI(180),PB-UI(180),V-UI(180),CU-UI(180)
L2537655-03H	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.1	Y	Absent		SUB-SULFIDE(7)
L2537655-03I	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.1	Y	Absent		SUB-SULFIDE(7)
L2537655-03J	Plastic 250ml unpreserved/No Headspace	A	NA		2.1	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2537655-03K	Plastic 250ml unpreserved	C	7	7	3.9	Y	Absent		SUB-IODIDE(7)
L2537655-03L	Plastic 950ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2537655-03M	Amber 950ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2537655-03X	Plastic 250ml H2SO4 preserved split	A	<2	<2	2.1	Y	Absent		SUB-AMMONIUM(28)
L2537655-04A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-04B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-04C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-04D	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2537655-04E	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2537655-04F	Plastic 250ml HNO3 preserved	B	<2	<2	4.2	Y	Absent		FE-RI(180),ZN-RI(180),K-RI(180),SE-RI(180),BE-RI(180),MG-RI(180),AL-RI(180),TL-RI(180),MN-RI(180),CU-RI(180),CO-RI(180),SB-RI(180),CA-RI(180),BA-RI(180),AG-RI(180),HG-R(28),NI-RI(180),CR-RI(180),PB-RI(180),CD-RI(180),AS-RI(180),NA-RI(180),V-RI(180)
L2537655-04G	Plastic 250ml HNO3 preserved	B	<2	<2	4.2	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),K-UI(180),CO-UI(180),SE-UI(180),FE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),AL-UI(180),MN-UI(180),CR-UI(180),NA-UI(180),BE-UI(180),PB-UI(180),V-UI(180),TL-UI(180),AS-UI(180),CU-UI(180)
L2537655-04H	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.2	Y	Absent		SUB-SULFIDE(7)
L2537655-04I	Plastic 250ml Zn Acetate/NaOH preserved	B	9	>9	4.2	N	Absent		SUB-SULFIDE(7)
L2537655-04J	Plastic 250ml unpreserved/No Headspace	B	NA		4.2	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2537655-04K	Plastic 250ml unpreserved	C	7	7	3.9	Y	Absent		SUB-IODIDE(7)
L2537655-04L	Plastic 950ml unpreserved	B	7	7	4.2	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),TDS-2540(7),BR-300(28)
L2537655-04M	Amber 950ml H2SO4 preserved	B	<2	<2	4.2	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2537655-04X	Plastic 250ml H2SO4 preserved split	B	<2	<2	4.2	Y	Absent		SUB-AMMONIUM(28)
L2537655-05A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-05B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-05C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-05D	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2537655-05E	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2537655-05F	Plastic 250ml HNO3 preserved	A	<2	<2	2.1	Y	Absent		FE-RI(180),ZN-RI(180),BE-RI(180),K-RI(180),SE-RI(180),AL-RI(180),MG-RI(180),MN-RI(180),TL-RI(180),CO-RI(180),CU-RI(180),SB-RI(180),BA-RI(180),CA-RI(180),AG-RI(180),HG-R(28),CR-RI(180),NI-RI(180),AS-RI(180),CD-RI(180),V-RI(180),PB-RI(180),NA-RI(180)
L2537655-05G	Plastic 250ml HNO3 preserved	A	<2	<2	2.1	Y	Absent		SB-UI(180),NI-UI(180),BA-UI(180),CA-UI(180),ZN-UI(180),AG-UI(180),CO-UI(180),K-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),BE-UI(180),AL-UI(180),NA-UI(180),CR-UI(180),MN-UI(180),AS-UI(180),TL-UI(180),V-UI(180),PB-UI(180),CU-UI(180)
L2537655-05H	Plastic 250ml Zn Acetate/NaOH preserved	A	9	>9	2.1	N	Absent		SUB-SULFIDE(7)
L2537655-05I	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.1	Y	Absent		SUB-SULFIDE(7)
L2537655-05J	Plastic 250ml unpreserved/No Headspace	A	NA		2.1	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2537655-05K	Plastic 250ml unpreserved	C	7	7	3.9	Y	Absent		SUB-IODIDE(7)
L2537655-05L	Plastic 950ml unpreserved	B	7	7	4.2	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),TDS-2540(7),BR-300(28)
L2537655-05M	Amber 950ml H2SO4 preserved	B	<2	<2	4.2	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2537655-05X	Plastic 250ml H2SO4 preserved split	B	<2	<2	4.2	Y	Absent		SUB-AMMONIUM(28)
L2537655-06A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2537655-06B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2537655
Report Date: 07/02/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: CORAM MATERIALS**Lab Number:** L2537655**Project Number:** 2232.0006Y005**Report Date:** 07/02/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.
- 19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 107 Calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 27

Published Date: 01/24/2025

Page 1 of 2

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLCID No.: **17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

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Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 3		Date Rec'd in Lab 6/17/25		ALPHA Job # 12537655																																																																																																																																																																																																															
	Project Information Project Name: <u>Coram Materials</u> Project Location: <u>416 Miller Place Yaphank Rd</u> Project # <u>2232-00067</u> (Use Project name as Project #) ☐ Project Manager: <u>Ashley Lervolino</u> ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:				Deliverables ☐ ASP-A ☒ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #																																																																																																																																																																																																															
	Client Information Client: <u>ROUX</u> Address: <u>209 Shafter St</u> <u>Islandia NY 11749</u> Phone: <u>631 232 2600</u> Fax: Email: <u>alervolino@rouxinc.com</u>				Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:																																																																																																																																																																																																															
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)																																																																																																																																																																																																																
Please specify Metals or TAL.				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>ALPHA Lab ID (Lab Use Only)</th> <th>Sample ID</th> <th colspan="2">Collection</th> <th>Sample Matrix</th> <th>Sampler's Initials</th> <th>NYTCL-8260</th> <th>NYTCL-8270/GM</th> <th>TAL600/TAL200TS</th> <th>TDS-2540/TSS-2540</th> <th>CI-4500/Br-300</th> <th>NO3-4500</th> <th>NO2-4500</th> <th>TOTAL NITROGEN (AP)</th> <th rowspan="2">TOTAL BOTTLES</th> </tr> <tr> <th></th> <th></th> <th>Date</th> <th>Time</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>37655-01</td> <td>MW-11S</td> <td>6/16/25</td> <td>1205</td> <td>W</td> <td>BW</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>13</td> </tr> <tr> <td>02</td> <td>MW-11D</td> <td>6/16/25</td> <td>1208</td> <td>W</td> <td>RM</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>13</td> </tr> <tr> <td>-03</td> <td>Equipment Blank</td> <td>6/16/25</td> <td>1230</td> <td>W</td> <td>AT</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>13</td> </tr> <tr> <td>-04</td> <td>MW-1DRZ</td> <td>6/16/25</td> <td>1345</td> <td>W</td> <td>BW</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>13</td> </tr> <tr> <td>-05</td> <td>MW-1SR</td> <td>6/16/25</td> <td>1350</td> <td>W</td> <td>RM</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>13</td> </tr> <tr> <td>06</td> <td>Trip ± Trip Blank</td> <td></td> <td></td> <td>W</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>07-08</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8270/GM	TAL600/TAL200TS	TDS-2540/TSS-2540	CI-4500/Br-300	NO3-4500	NO2-4500	TOTAL NITROGEN (AP)	TOTAL BOTTLES			Date	Time											37655-01	MW-11S	6/16/25	1205	W	BW	X	X	X	X	X	X	X	X	13	02	MW-11D	6/16/25	1208	W	RM	X	X	X	X	X	X	X	X	13	-03	Equipment Blank	6/16/25	1230	W	AT	X	X	X	X	X	X	X	X	13	-04	MW-1DRZ	6/16/25	1345	W	BW	X	X	X	X	X	X	X	X	13	-05	MW-1SR	6/16/25	1350	W	RM	X	X	X	X	X	X	X	X	13	06	Trip ± Trip Blank			W		X								2	07-08																																																																																									
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V A P A P A A A Preservative B A C A A D D D		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																																																																																																																																																																														
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By: <u>Anthony Green</u> Date/Time <u>6/16/25 1445</u> <u>6/16/25 21:11</u>		Received By: <u>Anthony Green</u> Date/Time <u>6/16/25 1445</u> <u>6-17 0830</u>		JUN 16 2025		06117125-0625																																																																																																																																																																																																														

125 37655

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Sample Delivery Group Summary

Pace Job Number : L2537655

Received : 16-JUN-2025

Reviewer : Craig Sloma-Green

Account Name : Roux Env. Eng. & Geology, DPC

Project Number : 2232.0006Y

Project Name : CORAM MATERIALS|USC ATLANTIC

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.1	
B	Absent/	Ice	4.2	
C	Absent/	Ice	3.9	

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between COC & sample labels?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis?	YES
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	NA

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NO
--	----



June 24, 2025

Jennifer Byrnes

,

RE: Project: L2537655
Pace Project No.: 70361854

Dear Jennifer Byrnes:

Enclosed are the analytical results for sample(s) received by the laboratory on June 18, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brianna D. Rivera
brianna.rivera@pacelabs.com
516-370-6007
Project Manager

Enclosures

cc: Reports, Pace - West Borough



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: L2537655
Pace Project No.: 70361854

Pace Analytical Services, LLC - Melville, NY
575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Texas Certification #: T104704582
Florida Certification #: E871198

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: L2537655

Pace Project No.: 70361854

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70361854001	MW-11S	Water	06/16/25 12:05	06/18/25 06:00
70361854002	MW-11D	Water	06/16/25 12:08	06/18/25 06:00
70361854003	EQUIPMENT BLANK	Water	06/16/25 12:30	06/18/25 06:00
70361854004	MW-1DRZ	Water	06/16/25 13:45	06/18/25 06:00
70361854005	MW-1SR	Water	06/16/25 13:50	06/18/25 06:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: L2537655

Pace Project No.: 70361854

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70361854001	MW-11S	SM22 4500-S2 F	JWM	1
70361854002	MW-11D	SM22 4500-S2 F	JWM	1
70361854003	EQUIPMENT BLANK	SM22 4500-S2 F	JWM	1
70361854004	MW-1DRZ	SM22 4500-S2 F	JWM	1
70361854005	MW-1SR	SM22 4500-S2 F	JWM	1

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: L2537655
Pace Project No.: 70361854

Method: SM22 4500-S2 F
Description: 4500S2F W Sulfide Iodometric
Client: Pace Westborough
Date: June 24, 2025

General Information:

5 samples were analyzed for SM22 4500-S2 F by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: L2537655

Pace Project No.: 70361854

Sample: MW-11S Lab ID: 70361854001 Collected: 06/16/25 12:05 Received: 06/18/25 06:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	<0.20	mg/L	2.0	0.20	1		06/23/25 14:43		

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ANALYTICAL RESULTS

Project: L2537655

Pace Project No.: 70361854

Sample: MW-11D Lab ID: 70361854002 Collected: 06/16/25 12:08 Received: 06/18/25 06:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	<0.20	mg/L	2.0	0.20	1		06/23/25 14:46		

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ANALYTICAL RESULTS

Project: L2537655

Pace Project No.: 70361854

Sample: EQUIPMENT BLANK Lab ID: 70361854003 Collected: 06/16/25 12:30 Received: 06/18/25 06:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	<0.20	mg/L	2.0	0.20	1		06/23/25 14:49		

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ANALYTICAL RESULTS

Project: L2537655

Pace Project No.: 70361854

Sample: MW-1DRZ Lab ID: 70361854004 Collected: 06/16/25 13:45 Received: 06/18/25 06:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	<0.20	mg/L	2.0	0.20	1		06/23/25 14:52		

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ANALYTICAL RESULTS

Project: L2537655

Pace Project No.: 70361854

Sample: MW-1SR Lab ID: 70361854005 Collected: 06/16/25 13:50 Received: 06/18/25 06:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric	Analytical Method: SM22 4500-S2 F Pace Analytical Services - Melville								
Sulfide	<0.20	mg/L	2.0	0.20	1		06/23/25 14:55		

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QUALITY CONTROL DATA

Project: L2537655

Pace Project No.: 70361854

QC Batch: 405782

Analysis Method: SM22 4500-S2 F

QC Batch Method: SM22 4500-S2 F

Analysis Description: 4500S2F W Sulfide Iodometric

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70361854001, 70361854002, 70361854003, 70361854004, 70361854005

METHOD BLANK: 2147588

Matrix: Water

Associated Lab Samples: 70361854001, 70361854002, 70361854003, 70361854004, 70361854005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	<0.20	2.0	0.20	06/23/25 14:34	

LABORATORY CONTROL SAMPLE & LCSD: 2147589

2147590

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Sulfide	mg/L	14	14.0	14.0	100	100	85-115	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: L2537655
Pace Project No.: 70361854

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L2537655

Pace Project No.: 70361854

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70361854001	MW-11S	SM22 4500-S2 F	405782		
70361854002	MW-11D	SM22 4500-S2 F	405782		
70361854003	EQUIPMENT BLANK	SM22 4500-S2 F	405782		
70361854004	MW-1DRZ	SM22 4500-S2 F	405782		
70361854005	MW-1SR	SM22 4500-S2 F	405782		

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WO# : 70361854

70361854

Subcontract Chain of Custody Pace Analytical (Melville) 575 Broad Hollow Road Melville, NY 11747				Pace Job Number L2537655				
Page 1								
Client Information Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.coupahost.com Phone: 716.427.5228 Email: Jennifer.Byrnes@pacelabs.com			Project Information Project Location: NY Project Manager: Jennifer Byrnes Turnaround & Deliverables Information Due Date: Deliverables: ASP Category B Deliverables (Level 4)					
Regulatory Requirements/Report Limits State/Federal Program: Regulatory Criteria: Report to MDL								
Project Specific Requirements and/or Report Requirements Reference following Pace Job Number on final report/deliverables: L2537655 Report to include Method and/or Regulatory required batch QC Additional Comments: REPORT TO MDL, ASP B Package TAT= 1-2 Days after final report per Mike Miller, needs NYSDEC Equis EDD								
Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2537655-01 L2537655-02 L2537655-03 L2537655-04 L2537655-05	MW-11S MW-11D EQUIPMENT BLANK MW-1DRZ MW-1SR	06-16-25 12:05 06-16-25 12:08 06-16-25 12:30 06-16-25 13:45 06-16-25 13:50	WATER WATER WATER WATER WATER	Sulfide Sulfide Sulfide Sulfide Sulfide			2 2 2 2 2
Relinquished By:			Date/Time:		Received By:		Date/Time:	
			6/17/25 1738				6/17 1738	
			6/17					
Form No: AL_subcoc								

DC#_Title: ENV-FRM-MELV-0024 v07_SCUR
Effective Date: 4/12/2024

Client Name:

Project

WO#: 70361854

PM: BDR

Due Date: 06/25/25

CLIENT: ALPHA

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No Temperature Blank Present: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Ziploc ☐ None ☐ Other Type of Ice: ☒ Wet ☐ Blue ☐ NoneThermometer Used: TH211 Correction Factor: 50.2 ☐ Samples on ice, cooling process has begunCooler Temperature(°C): 2.3 Cooler Temperature Corrected(°C): 2.5 Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☒ N/A, water sample)Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ NoDid samples originate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: 6/18/25 PD

	COMMENTS:
Chain of Custody Present: ☒ Yes ☐ No	1.
Chain of Custody Filled Out: ☒ Yes ☐ No	2.
Chain of Custody Relinquished: ☒ Yes ☐ No	3.
Sampler Name & Signature on COC: ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time: ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr): ☐ Yes ☒ No	6.
Rush Turn Around Time Requested: ☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD) ☒ Yes ☐ No	8.
Correct Containers Used: ☒ Yes ☐ No	9.
-Pace Containers Used: ☒ Yes ☐ No	10.
Containers Intact: ☒ Yes ☐ No	10.
Filtered volume received for Dissolved tests ☐ Yes ☐ No ☒ N/A	11. Note: if sediment is visible in the dissolved container.
Sample Labels match COC: ☒ Yes ☐ No	12.
-Includes date/time/ID/Analysis Matrix: SL ☒ WT ☐ OIL ☐ OTHER	

Date and Initials of person checking preservation: 6/18/25 PD

All containers needing preservation have been ☒ Yes ☐ No ☐ N/A pH paper Lot # <u>231224</u>	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, ☒ Yes ☐ No ☐ N/A NAOH>12 Cyanide)	Sample #
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination: ☐ Yes ☐ No ☒ N/A KI starch test strips Lot #	14. Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	15. Positive for Sulfide? Y N
SM 4500 CN samples checked for sulf ☒ Yes ☐ No ☐ N/A Lead Acetate Strips Lot # <u>14-862</u>	16.
Headspace in ALK Bottle (>6mm): ☐ Yes ☐ No ☒ N/A	17.
Headspace in VOA Vials (>6mm): ☐ Yes ☐ No ☒ N/A	
Trip Blank Present: ☐ Yes ☐ No ☒ N/A	
Trip Blank Custody Seals Present ☐ Yes ☐ No ☒ N/A	

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM (Project Manager) review (which includes the SCUR) is documented electronically in LIMS.



June 26, 2025

Jennifer Byrnes
Pace MA
Eight Walkup Drive
Westborough, MA 01581

RE: Project: L2537655
Pace Project No.: 50405097

Dear Jennifer Byrnes:

Enclosed are the analytical results for sample(s) received by the laboratory on June 19, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tina Sayer
tina.sayer@pacelabs.com
(317)228-3127
Project Manager

Enclosures

cc: Pace MA, Pace MA



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: L2537655
Pace Project No.: 50405097

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076

Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

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SAMPLE SUMMARY

Project: L2537655
Pace Project No.: 50405097

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50405097001	MW-11S	Water	06/16/25 12:05	06/19/25 08:45
50405097002	MW-11D	Water	06/16/25 12:08	06/19/25 08:45
50405097003	EQUIPMENT BLANK	Water	06/16/25 12:30	06/19/25 08:45
50405097004	MW-1DRZ	Water	06/16/25 13:45	06/19/25 08:45
50405097005	MW-1SR	Water	06/16/25 13:50	06/19/25 08:45

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SAMPLE ANALYTE COUNT

Project: L2537655
Pace Project No.: 50405097

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50405097001	MW-11S	EPA 9056	GLT	1
50405097002	MW-11D	EPA 9056	GLT	1
50405097003	EQUIPMENT BLANK	EPA 9056	GLT	1
50405097004	MW-1DRZ	EPA 9056	GLT	1
50405097005	MW-1SR	EPA 9056	GLT	1

PASI-I = Pace Analytical Services - Indianapolis

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ANALYTICAL RESULTS

Project: L2537655

Pace Project No.: 50405097

Sample: MW-11S		Lab ID: 50405097001		Collected: 06/16/25 12:05		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 13:27		

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ANALYTICAL RESULTS

Project: L2537655

Pace Project No.: 50405097

Sample: MW-11D		Lab ID: 50405097002		Collected: 06/16/25 12:08		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 14:25		

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ANALYTICAL RESULTS

Project: L2537655

Pace Project No.: 50405097

Sample: EQUIPMENT BLANK		Lab ID: 50405097003		Collected: 06/16/25 12:30		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 14:45		

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ANALYTICAL RESULTS

Project: L2537655

Pace Project No.: 50405097

Sample: MW-1DRZ		Lab ID: 50405097004		Collected: 06/16/25 13:45		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 15:04		

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ANALYTICAL RESULTS

Project: L2537655
Pace Project No.: 50405097

Sample: MW-1SR		Lab ID: 50405097005		Collected: 06/16/25 13:50		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 15:23		

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QUALITY CONTROL DATA

Project: L2537655

Pace Project No.: 50405097

QC Batch: 850165

Analysis Method: EPA 9056

QC Batch Method: EPA 9056

Analysis Description: 9056 Iodide by IC

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50405097001, 50405097002, 50405097003, 50405097004, 50405097005

METHOD BLANK: 3894277

Matrix: Water

Associated Lab Samples: 50405097001, 50405097002, 50405097003, 50405097004, 50405097005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iodide	mg/L	ND	0.50	0.15	06/21/25 10:34	

LABORATORY CONTROL SAMPLE: 3894278

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodide	mg/L	5	4.7	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3894279 3894280

Parameter	Units	50405090001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iodide	mg/L	ND	5	5	4.5	4.5	90	90	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: L2537655
Pace Project No.: 50405097

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L2537655

Pace Project No.: 50405097

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50405097001	MW-11S	EPA 9056	850165		
50405097002	MW-11D	EPA 9056	850165		
50405097003	EQUIPMENT BLANK	EPA 9056	850165		
50405097004	MW-1DRZ	EPA 9056	850165		
50405097005	MW-1SR	EPA 9056	850165		

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WO# : 50405097



50405097

Subcontract Chain of Custody

Pace Analytical (Indianapolis, IN)
7726 Moller Road
Indianapolis, IN 46268

Pace Job Number

L2537655

Page 1

Client Information

Client: Pace Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Report To: west.subreports@pacelabs.com
Bill To: invoices@pacelabs.couphost.com

Phone: 716.427.5228
Email: Jennifer.Byrnes@pacelabs.com

Project Information

Project Location: NY
Project Manager: Jennifer Byrnes

Turnaround & Deliverables Information

Due Date:
Deliverables: ASP Category B Deliverables (Level 4)

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria:

Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Pace Job Number on final report/deliverables: L2537655 Report to include Method and/or Regulatory required batch QC

Additional Comments: Profile # 11706: needs L4 and EDD 265 NY EQUIS

Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2537655-01 L2537655-02 L2537655-03 L2537655-04 L2537655-05	MW-11S MW-11D EQUIPMENT BLANK MW-1DRZ MW-1SR	06-16-25 12:05 06-16-25 12:08 06-16-25 12:30 06-16-25 13:45 06-16-25 13:50	WATER WATER WATER WATER WATER	Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056			1 1 1 1 1
Form No: AL_subcoc			Relinquished By:	Date/Time:	Received By:	Date/Time:		
			<i>C. Selean</i>		<i>Fedex</i>			
			<i>Fedex</i>	<i>6/19/25 845</i>	<i>in in Pace</i>	<i>6/19/25 845</i>		



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 6/19/25 1905 cc

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G H I	3. Packing Material: Bubble Wrap ☐ Bubble Bags ☐ <u>None</u> Other _____
2. Cooler Temperature(s): <u>4.0/4.0</u> (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)	4. Ice Type: <u>Wet</u> Blue ☐ None ☐
3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes ☐ No ☐	5. Courier: <u>Fed Ex</u> UPS ☐ Client ☐ Pace ☐ Now/Jett ☐ Other ☐
Cooler temp should be above freezing to 6°C If the PM was contacted in the comments below please write how they instructed the project to proceed	6. Custody Seal on Cooler/Box Present: <u>Yes</u> No ☐ (If yes)Seals Intact: <u>Yes</u> No ☐ (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		☒	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			☒
Short Hold Time Analysis (48 hours or less)? Analysis:		☒				
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):		☒	Residual Chlorine Check (Total/Amenable/Free Cyanide)			☒
Custody Signatures Present?	☒		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Containers Intact?:	☒		Trip Blank Present?		☒	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	☒		Trip Blank Custody Seals?:			☒
Comments:			Extra labels on Terracore Vials? (soils only)			☒

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers
that are out of conformance **

COC Line Item	WGFU	WGKU	BG1U	MeOH (only)	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AMBER GLASS							PLASTIC							OTHER				Matrix																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				SBS							R	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H		CG3F	Syringe Kit	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	NT3U	Non Teflon 250mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4U	125mL unpreserved plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4N	125mL HNO3 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	BP4S	125mL H2SO4 plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac	Miscellaneous	
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic		
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	Syringe Kit	LL Cr+6 sampling kit
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	ZPLC	Ziploc Bag
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	R	Terracore Kit
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	SP5T	120mL Coliform Sodium Thiosulfate
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	GN	General Container
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	U	Summa Can (air sample)
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	WT	Water
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	SL	Solid
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	OL	Oil
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	NAL	Non-aqueous liquid
						WP	Wipe

Laboratory Report

Report prepared for:

Jennifer Byrnes
Pace Analytical Services, LLC
8 Walkup Drive
Westborough, MA 01581

Email: jennifer.byrnes@pacelabs.com, west.subreports@pacelabs.com

Report prepared by:

Debbie S Robertson

Purchase Order:**For further assistance, contact:**

Debbie S Robertson
Report Production Coordinator
2323 Sycamore Dr
Knoxville, TN 37921
(865) 546-1335
debbierobertson@galbraith.com

Sample: MW-11S					
Lab ID: 2025-W-1634		Received: 2025-06-18			
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.08 mg	2025-06-27

Sample: MW-11D					
Lab ID: 2025-W-1635		Received: 2025-06-18			
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.21 mg	2025-06-27

Sample: EQUIPMENT BLANK					
Lab ID: 2025-W-1636		Received: 2025-06-18			
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.14 mg	2025-06-27

Sample: MW-1DRZ					
Lab ID: 2025-W-1637		Received: 2025-06-18			
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.18 mg	2025-06-27

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Reported results are only applicable to the item tested.

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Sample: MW-1SR		Received: 2025-06-18			
Lab ID: 2025-W-1638					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	211.65 mg	2025-06-27

Signatures:

Created By: Debbie.S.Robertson
Published By: Debbie.S.Robertson

2025-06-30T19:27:01.55-04:00
2025-06-30T19:27:19.21-04:00

- Physical signatures are on file.
- "Published By" signature indicates authorized release of data.



ANALYTICAL REPORT

Lab Number:	L2538013
Client:	Roux Env. Eng. & Geology, DPC 209 N. Shafter St. Islandia, NY 11749
ATTN:	Ashley Iervolino
Phone:	(631) 232-2600
Project Name:	CORAM GROUNDWATER EVENT
Project Number:	2232.0006Y005
Report Date:	07/02/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2538013-01	MW-13S	WATER	416 MILLER PLACE-YAPHANK RD.	06/17/25 09:15	06/17/25
L2538013-02	MW-13D	WATER	416 MILLER PLACE-YAPHANK RD.	06/17/25 09:30	06/17/25
L2538013-03	DUP_06172025	WATER	416 MILLER PLACE-YAPHANK RD.	06/17/25 12:00	06/17/25
L2538013-04	MP-1S	WATER	416 MILLER PLACE-YAPHANK RD.	06/17/25 11:00	06/17/25
L2538013-05	MP-1D	WATER	416 MILLER PLACE-YAPHANK RD.	06/17/25 11:05	06/17/25
L2538013-06	PZ-6	WATER	416 MILLER PLACE-YAPHANK RD.	06/17/25 13:00	06/17/25
L2538013-07	MW-6D	WATER	416 MILLER PLACE-YAPHANK RD.	06/17/25 13:05	06/17/25
L2538013-08	TRIP BLANK	TRIP BLANK (AQUEOUS)	416 MILLER PLACE-YAPHANK RD.	06/17/25 00:00	06/17/25

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Case Narrative (continued)

Report Submission

July 02, 2025: This final report includes the results of all requested analyses.

June 30, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analyses of Ammonium, Iodide, and Sulfide were subcontracted. Copies of the laboratory reports are included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Total Metals

The WG2082870-2 LCS recovery associated with L2538013-01 through -07 is above the acceptance criteria for silver (117%); however, the associated samples are non-detect to the reporting limit for this target analyte. The results of the original analysis are reported.

Anions by Ion Chromatography

The WG2081860-3/-4 MS/MSD recoveries performed on L2538013-01 are outside the acceptance criteria for bromide (80%/80%); however, the associated LCS/LCSD recoveries are within criteria. No further action was taken.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG2080671-2 LCS recovery associated with L2538013-01 through -07 is below the acceptance criteria for benzidine (0%), aniline (4%) and pyridine (6%); however, it has been identified as a "difficult" analyte. The

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Case Narrative (continued)

results of the associated samples are reported.

The WG2080671-3 LCS recovery associated with L2538013-01 through -07 is below the acceptance criteria for benzidine (0%), aniline (2%) and pyridine (5%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG2080671-6 MS/MSD recoveries performed on L2538013-01 are below the acceptance criteria for benzidine (0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

The WG2080671-7 MS/MSD recoveries performed on L2538013-01 are below the acceptance criteria for benzidine (0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

Total Metals

The WG2082870-2 LCS recovery associated with L2538013-01 through -07 is above the acceptance criteria for silver (117%); however, the associated samples are non-detect to the reporting limit for this target analyte. The results of the original analysis are reported.

Anions by Ion Chromatography

The WG2081860-3 MS recovery performed on L2538013-01 is outside the acceptance criteria for bromide (80%); however, the associated LCS recovery is within criteria. No further action was taken.

The WG2081860-4 MSD recovery performed on L2538013-01 is outside the acceptance criteria for bromide (80%); however, the associated LCS recovery is within criteria. No further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 07/02/25

ORGANICS

VOLATILES

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-01
 Client ID: MW-13S
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:15
 Date Received: 06/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/24/25 09:52
 Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-01
Client ID: MW-13S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:15
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	108		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-02
Client ID: MW-13D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:30
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/24/25 10:14
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-02
Client ID: MW-13D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:30
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	104		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-03
Client ID: DUP_06172025
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 12:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/24/25 10:37
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-03
Client ID: DUP_06172025
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 12:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	106		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-04
Client ID: MP-1S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/24/25 11:00
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-04
Client ID: MP-1S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	105		70-130



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-05
Client ID: MP-1D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/24/25 11:22
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-05
Client ID: MP-1D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	110		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-06
Client ID: PZ-6
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/24/25 11:45
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-06
Client ID: PZ-6
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	113		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-07
Client ID: MW-6D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/24/25 12:08
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-07
Client ID: MW-6D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	112		70-130

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-08
 Client ID: TRIP BLANK
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 00:00
 Date Received: 06/17/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)
 Analytical Method: 1,8260D
 Analytical Date: 06/24/25 12:30
 Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-08
Client ID: TRIP BLANK
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 00:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	110		70-130

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/24/25 09:06
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2083759-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/24/25 09:06
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2083759-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/25 09:06
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2083759-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2083759-3 WG2083759-4								
Methylene chloride	88		90		70-130	2		20
1,1-Dichloroethane	99		100		70-130	1		20
Chloroform	90		96		70-130	6		20
Carbon tetrachloride	98		100		63-132	2		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	96		110		63-130	14		20
1,1,2-Trichloroethane	97		110		70-130	13		20
Tetrachloroethene	91		96		70-130	5		20
Chlorobenzene	92		98		75-130	6		20
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	97		100		70-130	3		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	98		100		67-130	2		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	83		91		54-136	9		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	98		100		70-130	2		20
Toluene	93		98		70-130	5		20
Ethylbenzene	92		99		70-130	7		20
Chloromethane	90		86		64-130	5		20
Bromomethane	61		64		39-139	5		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2083759-3 WG2083759-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	96		98		70-130	2		20
Trichloroethene	93		94		70-130	1		20
1,2-Dichlorobenzene	89		96		70-130	8		20
1,3-Dichlorobenzene	84		94		70-130	11		20
1,4-Dichlorobenzene	87		95		70-130	9		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	85		90		70-130	6		20
o-Xylene	85		90		70-130	6		20
cis-1,2-Dichloroethene	94		98		70-130	4		20
Styrene	75		80		70-130	6		20
Dichlorodifluoromethane	100		97		36-147	3		20
Acetone	110		100		58-148	10		20
Carbon disulfide	130		130		51-130	0		20
2-Butanone	100		110		63-138	10		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	95		100		57-130	5		20
Bromochloromethane	90		99		70-130	10		20
1,2-Dibromoethane	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Isopropylbenzene	87		96		70-130	10		20
1,2,3-Trichlorobenzene	82		98		70-130	18		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2083759-3 WG2083759-4								
1,2,4-Trichlorobenzene	83		93		70-130	11		20
Methyl Acetate	110		120		70-130	9		20
Cyclohexane	100		100		70-130	0		20
Freon-113	130		140	Q	70-130	7		20
Methyl cyclohexane	95		95		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		105		70-130
Toluene-d8	102		106		70-130
4-Bromofluorobenzene	101		99		70-130
Dibromofluoromethane	99		100		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG2083759-6 WG2083759-7 QC Sample: L2538013-01 Client ID: MW-13S												
Methylene chloride	ND	10	9.8	98		9.1	91		70-130	7		20
1,1-Dichloroethane	ND	10	11	110		10	100		70-130	10		20
Chloroform	ND	10	10	100		9.5	95		70-130	5		20
Carbon tetrachloride	ND	10	10	100		9.6	96		63-132	4		20
1,2-Dichloropropane	ND	10	9.6	96		10	100		70-130	4		20
Dibromochloromethane	ND	10	9.2	92		10	100		63-130	8		20
1,1,2-Trichloroethane	ND	10	9.4	94		11	110		70-130	16		20
Tetrachloroethene	ND	10	8.0	80		8.4	84		70-130	5		20
Chlorobenzene	ND	10	8.9	89		9.5	95		75-130	7		20
Trichlorofluoromethane	ND	10	14	140		12	120		62-150	15		20
1,2-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
1,1,1-Trichloroethane	ND	10	11	110		10	100		67-130	10		20
Bromodichloromethane	ND	10	10	100		10	100		67-130	0		20
trans-1,3-Dichloropropene	ND	10	9.5	95		11	110		70-130	15		20
cis-1,3-Dichloropropene	ND	10	8.4	84		9.0	90		70-130	7		20
Bromoform	ND	10	9.5	95		10	100		54-136	5		20
1,1,2,2-Tetrachloroethane	ND	10	12	120		13	130		67-130	8		20
Benzene	ND	10	9.7	97		10	100		70-130	3		20
Toluene	ND	10	9.0	90		9.6	96		70-130	6		20
Ethylbenzene	ND	10	8.7	87		9.4	94		70-130	8		20
Chloromethane	ND	10	11	110		9.9	99		64-130	11		20
Bromomethane	ND	10	5.9	59		6.0	60		39-139	2		20
Vinyl chloride	ND	10	14	140		12	120		55-140	15		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG2083759-6 WG2083759-7 QC Sample: L2538013-01 Client ID: MW-13S												
Chloroethane	ND	10	15	150	Q	13	130		55-138	14		20
1,1-Dichloroethene	ND	10	14	140		12	120		61-145	15		20
trans-1,2-Dichloroethene	ND	10	9.7	97		9.5	95		70-130	2		20
Trichloroethene	ND	10	9.1	91		9.1	91		70-130	0		20
1,2-Dichlorobenzene	ND	10	9.0	90		10	100		70-130	11		20
1,3-Dichlorobenzene	ND	10	8.8	88		9.7	97		70-130	10		20
1,4-Dichlorobenzene	ND	10	8.7	87		9.8	98		70-130	12		20
Methyl tert butyl ether	ND	10	8.7	87		10	100		63-130	14		20
p/m-Xylene	ND	20	16	80		17	85		70-130	6		20
o-Xylene	ND	20	18	90		17	85		70-130	6		20
cis-1,2-Dichloroethene	ND	10	10	100		9.6	96		70-130	4		20
Styrene	ND	20	16	80		16	80		70-130	0		20
Dichlorodifluoromethane	ND	10	11	110		9.8	98		36-147	12		20
Acetone	ND	10	17	170	Q	13	130		58-148	27	Q	20
Carbon disulfide	ND	10	14	140	Q	12	120		51-130	15		20
2-Butanone	ND	10	11	110		12	120		63-138	9		20
4-Methyl-2-pentanone	ND	10	9.7	97		12	120		59-130	21	Q	20
2-Hexanone	ND	10	11	110		11	110		57-130	0		20
Bromochloromethane	ND	10	9.4	94		8.8	88		70-130	7		20
1,2-Dibromoethane	ND	10	10	100		11	110		70-130	10		20
1,2-Dibromo-3-chloropropane	ND	10	12	120		13	130		41-144	8		20
Isopropylbenzene	ND	10	8.9	89		9.8	98		70-130	10		20
1,2,3-Trichlorobenzene	ND	10	9.2	92		10	100		70-130	8		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG2083759-6 WG2083759-7 QC Sample: L2538013-01 Client ID: MW-13S												
1,2,4-Trichlorobenzene	ND	10	8.9	89		9.5	95		70-130	7		20
Methyl Acetate	ND	10	9.9	99		9.8	98		70-130	1		20
Cyclohexane	ND	10	9.0J	90		8.7J	87		70-130	3		20
Freon-113	ND	10	14	140	Q	10	100		70-130	33	Q	20
Methyl cyclohexane	ND	10	7.2J	72		8.2J	82		70-130	13		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		105		70-130
4-Bromofluorobenzene	107		109		70-130
Dibromofluoromethane	112		100		70-130
Toluene-d8	99		105		70-130

SEMIVOLATILES

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-01
Client ID: MW-13S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:15
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/19/25 15:19
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-01
Client ID: MW-13S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:15
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	85		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-01
Client ID: MW-13S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:15
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/26/25 07:07
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-01
Client ID: MW-13S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:15
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	80		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-02
Client ID: MW-13D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:30
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/19/25 16:27
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-02
Client ID: MW-13D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:30
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	81		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-02
Client ID: MW-13D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:30
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/25/25 18:38
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-02
Client ID: MW-13D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:30
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	70		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-03
Client ID: DUP_06172025
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 12:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/19/25 16:49
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-03
Client ID: DUP_06172025
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 12:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	21		21-120
Phenol-d6	16		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	83		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-03
Client ID: DUP_06172025
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 12:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/25/25 18:55
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-03
Client ID: DUP_06172025
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 12:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	20	Q	21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	69		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-04
Client ID: MP-1S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/19/25 17:12
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-04
Client ID: MP-1S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	73		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-04
Client ID: MP-1S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/25/25 19:12
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-04
Client ID: MP-1S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	65		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-05
Client ID: MP-1D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/19/25 17:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-05
Client ID: MP-1D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	75		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-05
Client ID: MP-1D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/25/25 19:29
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-05
Client ID: MP-1D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	62		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-06
Client ID: PZ-6
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/19/25 17:57
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-06
Client ID: PZ-6
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	87		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-06
Client ID: PZ-6
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/25/25 19:46
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-06
Client ID: PZ-6
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	72		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-07
Client ID: MW-6D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/19/25 18:20
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-07
Client ID: MW-6D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	86		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-07
Client ID: MW-6D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/25/25 20:03
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/19/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-07
Client ID: MW-6D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	72		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/25 10:44
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/18/25 21:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2080671-1					
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/25 10:44
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/18/25 21:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2080671-1					
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	70		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/19/25 14:00
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/18/25 21:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-07 Batch: WG2080673-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/19/25 14:00
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/18/25 21:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-07 Batch: WG2080673-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	81		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2080671-2 WG2080671-3								
3,3'-Dichlorobenzidine	56		57		40-140	2		30
2,4-Dinitrotoluene	85		87		48-143	2		30
2,6-Dinitrotoluene	70		82		40-140	16		30
4-Chlorophenyl phenyl ether	76		68		40-140	11		30
4-Bromophenyl phenyl ether	72		69		40-140	4		30
Bis(2-chloroisopropyl)ether	68		45		40-140	41	Q	30
Bis(2-chloroethoxy)methane	73		49		40-140	39	Q	30
Hexachlorocyclopentadiene	45		41		40-140	9		30
Isophorone	77		55		40-140	33	Q	30
Nitrobenzene	80		54		40-140	39	Q	30
NDPA/DPA	74		74		40-140	0		30
n-Nitrosodi-n-propylamine	76		56		29-132	30		30
Bis(2-ethylhexyl)phthalate	71		80		40-140	12		30
Butyl benzyl phthalate	80		94		40-140	16		30
Di-n-butylphthalate	72		79		40-140	9		30
Di-n-octylphthalate	72		80		40-140	11		30
Diethyl phthalate	78		79		40-140	1		30
Dimethyl phthalate	60		71		40-140	17		30
Biphenyl	61		63		40-140	3		30
4-Chloroaniline	30	Q	24	Q	40-140	22		30
2-Nitroaniline	72		83		52-143	14		30
3-Nitroaniline	64		62		25-145	3		30
4-Nitroaniline	89		90		51-143	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538013

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2080671-2 WG2080671-3								
Dibenzofuran	70		64		40-140	9		30
1,2,4,5-Tetrachlorobenzene	59		56		2-134	5		30
Acetophenone	76		59		39-129	25		30
2,4,6-Trichlorophenol	60		62		30-130	3		30
p-Chloro-m-cresol	59		55		23-97	7		30
2-Chlorophenol	71		52		27-123	31	Q	30
2,4-Dichlorophenol	69		55		30-130	23		30
2,4-Dimethylphenol	66		41		30-130	47	Q	30
2-Nitrophenol	91		62		30-130	38	Q	30
4-Nitrophenol	59		61		10-80	3		30
2,4-Dinitrophenol	64		74		20-130	14		30
4,6-Dinitro-o-cresol	79		82		20-164	4		30
Phenol	40		35		12-110	13		30
2-Methylphenol	52		35		30-130	39	Q	30
3-Methylphenol/4-Methylphenol	60		45		30-130	29		30
2,4,5-Trichlorophenol	67		74		30-130	10		30
Carbazole	76		79		55-144	4		30
Atrazine	82		86		40-140	5		30
Benzaldehyde	73		62		40-140	16		30
Caprolactam	28		25		10-130	11		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2080671-2 WG2080671-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		41		21-120
Phenol-d6	40		33		10-120
Nitrobenzene-d5	87		59		23-120
2-Fluorobiphenyl	61		62		15-120
2,4,6-Tribromophenol	82		79		10-120
4-Terphenyl-d14	75		86		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 Batch: WG2080673-2 WG2080673-3								
Acenaphthene	70		63		40-140	11		40
2-Chloronaphthalene	66		57		40-140	15		40
Fluoranthene	74		76		40-140	3		40
Hexachlorobutadiene	58		43		40-140	30		40
Naphthalene	64		52		40-140	21		40
Benzo(a)anthracene	76		82		40-140	8		40
Benzo(a)pyrene	79		85		40-140	7		40
Benzo(b)fluoranthene	80		86		40-140	7		40
Benzo(k)fluoranthene	81		88		40-140	8		40
Chrysene	78		82		40-140	5		40
Acenaphthylene	69		62		40-140	11		40
Anthracene	75		76		40-140	1		40
Benzo(ghi)perylene	75		80		40-140	6		40
Fluorene	72		68		40-140	6		40
Phenanthrene	71		71		40-140	0		40
Dibenzo(a,h)anthracene	71		75		40-140	5		40
Indeno(1,2,3-cd)pyrene	67		73		40-140	9		40
Pyrene	73		75		40-140	3		40
2-Methylnaphthalene	66		55		40-140	18		40
Pentachlorophenol	90		94		40-140	4		40
Hexachlorobenzene	74		73		40-140	1		40
Hexachloroethane	59		43		40-140	31		40
Bis(2-chloroethyl)ether	70		55		40-140	24		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 Batch: WG2080673-2 WG2080673-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		42		21-120
Phenol-d6	42		33		10-120
Nitrobenzene-d5	68		57		23-120
2-Fluorobiphenyl	73		62		15-120
2,4,6-Tribromophenol	82		81		10-120
4-Terphenyl-d14	81		83		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538013

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2080671-6 WG2080671-7 QC Sample: L2538013-01 Client ID: MW-13S												
3,3'-Dichlorobenzidine	ND	20	12	60		12	60		40-140	0		30
2,4-Dinitrotoluene	ND	20	16	80		16	80		48-143	0		30
2,6-Dinitrotoluene	ND	20	17	85		15	75		40-140	13		30
4-Chlorophenyl phenyl ether	ND	20	15	75		14	70		40-140	7		30
4-Bromophenyl phenyl ether	ND	20	16	80		16	80		40-140	0		30
Bis(2-chloroisopropyl)ether	ND	20	13	65		13	65		40-140	0		30
Bis(2-chloroethoxy)methane	ND	20	15	75		14	70		40-140	7		30
Hexachlorocyclopentadiene	ND	20	8.7J	44		8.0J	40		40-140	8		30
Isophorone	ND	20	14	70		13	65		40-140	7		30
Nitrobenzene	ND	20	14	70		14	70		40-140	0		30
NDPA/DPA	ND	20	16	80		15	75		40-140	6		30
n-Nitrosodi-n-propylamine	ND	20	14	70		14	70		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	20	15	75		15	75		40-140	0		30
Butyl benzyl phthalate	ND	20	17	85		16	80		40-140	6		30
Di-n-butylphthalate	ND	20	15	75		14	70		40-140	7		30
Di-n-octylphthalate	ND	20	16	80		16	80		40-140	0		30
Diethyl phthalate	ND	20	16	80		14	70		40-140	13		30
Dimethyl phthalate	ND	20	16	80		15	75		40-140	6		30
Biphenyl	ND	20	15	75		14	70		40-140	7		30
4-Chloroaniline	ND	20	13	65		10	50		40-140	26		30
2-Nitroaniline	ND	20	17	85		16	80		52-143	6		30
3-Nitroaniline	ND	20	16	80		15	75		25-145	6		30
4-Nitroaniline	ND	20	16	80		16	80		51-143	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2080671-6 WG2080671-7 QC Sample: L2538013-01 Client ID: MW-13S												
Dibenzofuran	ND	20	14	70		14	70		40-140	0		30
1,2,4,5-Tetrachlorobenzene	ND	20	15	75		14	70		2-134	7		30
Acetophenone	ND	20	17	85		15	75		39-129	13		30
2,4,6-Trichlorophenol	ND	20	18	90		13	65		30-130	32	Q	30
p-Chloro-m-cresol	ND	20	16	80		14	70		23-97	13		30
2-Chlorophenol	ND	20	13	65		10	50		27-123	26		30
2,4-Dichlorophenol	ND	20	15	75		13	65		30-130	14		30
2,4-Dimethylphenol	ND	20	14	70		12	60		30-130	15		30
2-Nitrophenol	ND	20	14	70		13	65		30-130	7		30
4-Nitrophenol	ND	20	11	55		7.6J	38		10-80	37	Q	30
2,4-Dinitrophenol	ND	20	16.J	80		12.J	60		20-130	29		30
4,6-Dinitro-o-cresol	ND	20	16	80		10	50		20-164	46	Q	30
Phenol	ND	20	7.4	37		6.4	32		12-110	14		30
2-Methylphenol	ND	20	12	60		11	55		30-130	9		30
3-Methylphenol/4-Methylphenol	ND	20	12	60		11	55		30-130	9		30
2,4,5-Trichlorophenol	ND	20	16	80		14	70		30-130	13		30
Carbazole	ND	20	16	80		15	75		55-144	6		30
Atrazine	ND	20	17	85		17	85		40-140	0		30
Benzaldehyde	ND	20	17	85		15	75		40-140	13		30
Caprolactam	ND	20	8.1J	41		7.2J	36		10-130	12		30

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2080671-6 WG2080671-7 QC Sample: L2538013-01
Client ID: MW-13S

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	93		72		10-120
2-Fluorobiphenyl	76		74		15-120
2-Fluorophenol	45		37		21-120
4-Terphenyl-d14	82		80		41-149
Nitrobenzene-d5	72		73		23-120
Phenol-d6	38		32		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538013

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2080673-6 WG2080673-7 QC Sample: L2538013-01 Client ID: MW-13S												
Acenaphthene	ND	20	14	70		13	65		40-140	7		40
2-Chloronaphthalene	ND	20	13	65		12	60		40-140	8		40
Fluoranthene	ND	20	16	80		16	80		40-140	0		40
Hexachlorobutadiene	ND	20	9.7	49		9.3	47		40-140	4		40
Naphthalene	ND	20	13	65		12	60		40-140	8		40
Benzo(a)anthracene	ND	20	16	80		15	75		40-140	6		40
Benzo(a)pyrene	ND	20	19	95		18	90		40-140	5		40
Benzo(b)fluoranthene	ND	20	17	85		16	80		40-140	6		40
Benzo(k)fluoranthene	ND	20	18	90		18	90		40-140	0		40
Chrysene	ND	20	17	85		16	80		40-140	6		40
Acenaphthylene	ND	20	16	80		15	75		40-140	6		40
Anthracene	ND	20	16	80		15	75		40-140	6		40
Benzo(ghi)perylene	ND	20	22	110		19	95		40-140	15		40
Fluorene	ND	20	15	75		14	70		40-140	7		40
Phenanthrene	ND	20	16	80		15	75		40-140	6		40
Dibenzo(a,h)anthracene	ND	20	23	120		20	100		40-140	14		40
Indeno(1,2,3-cd)pyrene	ND	20	22	110		20	100		40-140	10		40
Pyrene	ND	20	16	80		15	75		40-140	6		40
2-Methylnaphthalene	ND	20	13	65		12	60		40-140	8		40
Pentachlorophenol	ND	20	17	85		12	60		40-140	34		40
Hexachlorobenzene	ND	20	15	75		14	70		40-140	7		40
Hexachloroethane	ND	20	11	55		11	55		40-140	0		40
Bis(2-chloroethyl)ether	ND	20	15	75		14	70		40-140	7		40

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2080673-6 WG2080673-7 QC Sample: L2538013-01 Client ID: MW-13S

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
2,4,6-Tribromophenol	74		59		10-120
2-Fluorobiphenyl	73		71		15-120
2-Fluorophenol	47		38		21-120
4-Terphenyl-d14	73		75		41-149
Nitrobenzene-d5	84		82		23-120
Phenol-d6	39		34		10-120

METALS

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-01

Date Collected: 06/17/25 09:15

Client ID: MW-13S

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.206		mg/l	0.100	0.0318	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Barium, Total	0.0861		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Calcium, Total	103.		mg/l	0.100	0.0350	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Magnesium, Total	26.1		mg/l	0.100	0.0153	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 17:52	06/25/25 08:03	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Potassium, Total	3.41		mg/l	2.50	0.237	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Sodium, Total	4.78		mg/l	2.00	0.120	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0024	J	mg/l	0.0050	0.0021	1	06/24/25 16:58	06/26/25 09:07	EPA 3005A	19,200.7	DMC

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0813		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-01

Date Collected: 06/17/25 09:15

Client ID: MW-13S

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	93.2		mg/l	0.100	0.0350	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	23.2		mg/l	0.100	0.0153	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 08:59	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	3.01		mg/l	2.50	0.237	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	4.42		mg/l	2.00	0.120	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/25/25 10:51	06/30/25 08:33	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-02

Date Collected: 06/17/25 09:30

Client ID: MW-13D

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Barium, Total	0.0286		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Calcium, Total	12.1		mg/l	0.100	0.0350	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Magnesium, Total	5.35		mg/l	0.100	0.0153	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 17:52	06/25/25 08:12	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Potassium, Total	1.27	J	mg/l	2.50	0.237	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Sodium, Total	16.5		mg/l	2.00	0.120	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0029	J	mg/l	0.0050	0.0021	1	06/24/25 16:58	06/26/25 10:10	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0261		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-02

Date Collected: 06/17/25 09:30

Client ID: MW-13D

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	10.8		mg/l	0.100	0.0350	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	4.75		mg/l	0.100	0.0153	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 09:25	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.12	J	mg/l	2.50	0.237	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	15.0		mg/l	2.00	0.120	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	0.0024	J	mg/l	0.0050	0.0021	1	06/25/25 10:51	06/30/25 08:27	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-03

Date Collected: 06/17/25 12:00

Client ID: DUP_06172025

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Barium, Total	0.0278		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Calcium, Total	11.6		mg/l	0.100	0.0350	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Magnesium, Total	5.28		mg/l	0.100	0.0153	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 17:52	06/25/25 08:48	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Potassium, Total	1.26	J	mg/l	2.50	0.237	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Sodium, Total	16.4		mg/l	2.00	0.120	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0023	J	mg/l	0.0050	0.0021	1	06/24/25 16:58	06/26/25 10:17	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0264		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-03

Date Collected: 06/17/25 12:00

Client ID: DUP_06172025

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	11.0		mg/l	0.100	0.0350	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	4.88		mg/l	0.100	0.0153	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 09:28	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.13	J	mg/l	2.50	0.237	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	15.0		mg/l	2.00	0.120	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	0.0023	J	mg/l	0.0050	0.0021	1	06/25/25 10:51	06/30/25 08:30	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-04

Date Collected: 06/17/25 11:00

Client ID: MP-1S

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Barium, Total	0.0180		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Calcium, Total	24.4		mg/l	0.100	0.0350	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Magnesium, Total	6.98		mg/l	0.100	0.0153	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 17:52	06/25/25 08:51	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Potassium, Total	1.65	J	mg/l	2.50	0.237	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Sodium, Total	15.0		mg/l	2.00	0.120	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Zinc, Total	ND		mg/l	0.0050	0.0021	1	06/24/25 16:58	06/26/25 10:24	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0168		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-04

Date Collected: 06/17/25 11:00

Client ID: MP-1S

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	22.6		mg/l	0.100	0.0350	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	6.20		mg/l	0.100	0.0153	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 09:32	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.47	J	mg/l	2.50	0.237	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	13.4		mg/l	2.00	0.120	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/25/25 10:51	06/30/25 08:55	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-05

Date Collected: 06/17/25 11:05

Client ID: MP-1D

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Barium, Total	0.0152		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Calcium, Total	18.9		mg/l	0.100	0.0350	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Magnesium, Total	9.20		mg/l	0.100	0.0153	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Manganese, Total	0.0020	J	mg/l	0.0100	0.0016	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Mercury, Total	0.00026		mg/l	0.00020	0.00009	1	06/24/25 17:52	06/25/25 08:54	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Potassium, Total	1.58	J	mg/l	2.50	0.237	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Sodium, Total	14.4		mg/l	2.00	0.120	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0038	J	mg/l	0.0050	0.0021	1	06/24/25 16:58	06/26/25 10:30	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0143		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-05

Date Collected: 06/17/25 11:05

Client ID: MP-1D

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	17.9		mg/l	0.100	0.0350	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	8.42		mg/l	0.100	0.0153	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	0.0017	J	mg/l	0.0100	0.0016	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	0.00031		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 09:35	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.41	J	mg/l	2.50	0.237	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	13.2		mg/l	2.00	0.120	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/25/25 10:51	06/30/25 08:59	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-06

Date Collected: 06/17/25 13:00

Client ID: PZ-6

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Barium, Total	0.0717		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Calcium, Total	76.7		mg/l	0.100	0.0350	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Copper, Total	0.0039	J	mg/l	0.0100	0.0022	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Magnesium, Total	12.0		mg/l	0.100	0.0153	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Manganese, Total	0.0815		mg/l	0.0100	0.0016	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 17:52	06/25/25 08:58	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Potassium, Total	8.20		mg/l	2.50	0.237	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Sodium, Total	13.1		mg/l	2.00	0.120	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0024	J	mg/l	0.0050	0.0021	1	06/24/25 16:58	06/26/25 10:37	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0679		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-06

Date Collected: 06/17/25 13:00

Client ID: PZ-6

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	69.7		mg/l	0.100	0.0350	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Copper, Dissolved	0.0023	J	mg/l	0.0100	0.0022	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	10.8		mg/l	0.100	0.0153	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	0.0722		mg/l	0.0100	0.0016	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 09:38	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	7.46		mg/l	2.50	0.237	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	12.0		mg/l	2.00	0.120	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/25/25 10:51	06/30/25 09:02	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-07

Date Collected: 06/17/25 13:05

Client ID: MW-6D

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0729	J	mg/l	0.100	0.0318	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Barium, Total	0.0121		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Calcium, Total	12.9		mg/l	0.100	0.0350	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Chromium, Total	0.0024	J	mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Iron, Total	0.100		mg/l	0.0500	0.0090	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Magnesium, Total	6.14		mg/l	0.100	0.0153	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Manganese, Total	0.0056	J	mg/l	0.0100	0.0016	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 17:52	06/25/25 09:01	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Potassium, Total	1.26	J	mg/l	2.50	0.237	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Sodium, Total	18.0		mg/l	2.00	0.120	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0023	J	mg/l	0.0050	0.0021	1	06/24/25 16:58	06/26/25 10:43	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0110		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538013-07

Date Collected: 06/17/25 13:05

Client ID: MW-6D

Date Received: 06/17/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	11.8		mg/l	0.100	0.0350	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	0.0021	J	mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	5.44		mg/l	0.100	0.0153	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 09:41	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.13	J	mg/l	2.50	0.237	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	16.7		mg/l	2.00	0.120	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/25/25 10:51	06/30/25 09:05	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG2082870-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Calcium, Total	ND		mg/l	0.100	0.0350	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Magnesium, Total	ND		mg/l	0.100	0.0153	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Potassium, Total	ND		mg/l	2.50	0.237	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Sodium, Total	ND		mg/l	2.00	0.120	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC
Zinc, Total	ND		mg/l	0.0050	0.0021	1	06/24/25 16:58	06/26/25 08:34	19,200.7	DMC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG2082882-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/25 17:52	06/25/25 07:56	3,245.1	JWN



Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 245.1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-07 Batch: WG2083283-1										
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Barium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Calcium, Dissolved	ND		mg/l	0.100	0.0350	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Magnesium, Dissolved	ND		mg/l	0.100	0.0153	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Potassium, Dissolved	ND		mg/l	2.50	0.237	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Sodium, Dissolved	ND		mg/l	2.00	0.120	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/25/25 10:51	06/30/25 08:17	19,200.7	DMC

Prep Information

Digestion Method: EPA 3005A



Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-07 Batch: WG2083284-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/25 11:25	06/26/25 08:52	3,245.1	CME

Prep Information

Digestion Method: EPA 245.1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2082870-2								
Aluminum, Total	115		-		85-115	-		
Antimony, Total	98		-		85-115	-		
Arsenic, Total	99		-		85-115	-		
Barium, Total	115		-		85-115	-		
Beryllium, Total	113		-		85-115	-		
Cadmium, Total	98		-		85-115	-		
Calcium, Total	107		-		85-115	-		
Chromium, Total	114		-		85-115	-		
Cobalt, Total	113		-		85-115	-		
Copper, Total	115		-		85-115	-		
Iron, Total	114		-		85-115	-		
Lead, Total	98		-		85-115	-		
Magnesium, Total	106		-		85-115	-		
Manganese, Total	113		-		85-115	-		
Nickel, Total	105		-		85-115	-		
Potassium, Total	109		-		85-115	-		
Selenium, Total	105		-		85-115	-		
Silver, Total	117	Q	-		85-115	-		
Sodium, Total	115		-		85-115	-		
Thallium, Total	97		-		85-115	-		
Vanadium, Total	114		-		85-115	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538013

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2082870-2					
Zinc, Total	112	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2082882-2					
Mercury, Total	88	-	85-115	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2083283-2					
Aluminum, Dissolved	112	-	85-115	-	
Antimony, Dissolved	86	-	85-115	-	
Arsenic, Dissolved	102	-	85-115	-	
Barium, Dissolved	110	-	85-115	-	
Beryllium, Dissolved	110	-	85-115	-	
Cadmium, Dissolved	94	-	85-115	-	
Calcium, Dissolved	101	-	85-115	-	
Chromium, Dissolved	104	-	85-115	-	
Cobalt, Dissolved	104	-	85-115	-	
Copper, Dissolved	107	-	85-115	-	
Iron, Dissolved	111	-	85-115	-	
Lead, Dissolved	102	-	85-115	-	
Magnesium, Dissolved	98	-	85-115	-	
Manganese, Dissolved	108	-	85-115	-	
Nickel, Dissolved	106	-	85-115	-	
Potassium, Dissolved	107	-	85-115	-	
Selenium, Dissolved	102	-	85-115	-	
Silver, Dissolved	109	-	85-115	-	
Sodium, Dissolved	105	-	85-115	-	
Thallium, Dissolved	104	-	85-115	-	
Vanadium, Dissolved	109	-	85-115	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538013

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2083283-2					
Zinc, Dissolved	106	-	85-115	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2083284-2					
Mercury, Dissolved	115	-	85-115	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2082870-7 WG2082870-8 QC Sample: L2538013-01 Client ID: MW-13S												
Aluminum, Total	0.206	2	2.46	113		2.44	112		75-125	1		20
Antimony, Total	ND	0.5	0.519	104		0.519	104		75-125	0		20
Arsenic, Total	ND	0.12	0.122	102		0.123	102		75-125	1		20
Barium, Total	0.0861	2	2.36	114		2.35	113		75-125	0		20
Beryllium, Total	ND	0.05	0.0568	114		0.0557	111		75-125	2		20
Cadmium, Total	ND	0.053	0.0509	96		0.0504	95		75-125	1		20
Calcium, Total	103.	10	115	120		115	120		75-125	0		20
Chromium, Total	ND	0.2	0.221	110		0.220	110		75-125	0		20
Cobalt, Total	ND	0.5	0.539	108		0.537	107		75-125	0		20
Copper, Total	ND	0.25	0.288	115		0.288	115		75-125	0		20
Iron, Total	ND	1	1.15	115		1.12	112		75-125	3		20
Lead, Total	ND	0.53	0.528	100		0.529	100		75-125	0		20
Magnesium, Total	26.1	10	35.7	96		36.2	101		75-125	1		20
Manganese, Total	ND	0.5	0.570	114		0.557	111		75-125	2		20
Nickel, Total	ND	0.5	0.540	108		0.536	107		75-125	1		20
Potassium, Total	3.41	10	14.8	114		15.1	117		75-125	2		20
Selenium, Total	ND	0.12	0.126	105		0.128	107		75-125	2		20
Silver, Total	ND	0.05	0.0588	118		0.0587	117		75-125	0		20
Sodium, Total	4.78	10	15.9	111		16.2	114		75-125	2		20
Thallium, Total	ND	0.12	0.112	93		0.115	96		75-125	3		20
Vanadium, Total	ND	0.5	0.560	112		0.557	111		75-125	1		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07			QC Batch ID: WG2082870-7		WG2082870-8	QC Sample: L2538013-01		Client ID: MW-13S	
Zinc, Total	0.0024J	0.5	0.540	108	0.536	107	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-07			QC Batch ID: WG2082882-3		WG2082882-4	QC Sample: L2538013-01		Client ID: MW-13S	
Mercury, Total	ND	0.005	0.00460	92	0.00455	91	70-130	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-07			QC Batch ID: WG2082882-5		QC Sample: L2538013-02		Client ID: MW-13D		
Mercury, Total	ND	0.005	0.00458	92	-	-	70-130	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2083283-3 WG2083283-4 QC Sample: L2538013-01 Client ID: MW-13S									
Aluminum, Dissolved	ND	2	2.30	115	2.28	114	75-125	1	20
Antimony, Dissolved	ND	0.5	0.447	89	0.450	90	75-125	1	20
Arsenic, Dissolved	ND	0.12	0.126	105	0.126	105	75-125	0	20
Barium, Dissolved	0.0813	2	2.32	112	2.30	111	75-125	1	20
Beryllium, Dissolved	ND	0.05	0.0560	112	0.0556	111	75-125	1	20
Cadmium, Dissolved	ND	0.053	0.0486	92	0.0477	90	75-125	2	20
Calcium, Dissolved	93.2	10	104	108	103	98	75-125	1	20
Chromium, Dissolved	ND	0.2	0.210	105	0.206	103	75-125	2	20
Cobalt, Dissolved	ND	0.5	0.509	102	0.499	100	75-125	2	20
Copper, Dissolved	ND	0.25	0.273	109	0.270	108	75-125	1	20
Iron, Dissolved	ND	1	1.12	112	1.11	111	75-125	1	20
Lead, Dissolved	ND	0.53	0.562	106	0.544	103	75-125	3	20
Magnesium, Dissolved	23.2	10	32.9	97	32.4	92	75-125	2	20
Manganese, Dissolved	ND	0.5	0.538	108	0.533	107	75-125	1	20
Nickel, Dissolved	ND	0.5	0.518	104	0.508	102	75-125	2	20
Potassium, Dissolved	3.01	10	14.1	111	14.0	110	75-125	1	20
Selenium, Dissolved	ND	0.12	0.125	104	0.125	104	75-125	0	20
Silver, Dissolved	ND	0.05	0.0559	112	0.0551	110	75-125	1	20
Sodium, Dissolved	4.42	10	15.2	108	15.1	107	75-125	1	20
Thallium, Dissolved	ND	0.12	0.127	106	0.123	102	75-125	3	20
Vanadium, Dissolved	ND	0.5	0.557	111	0.549	110	75-125	1	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2083283-3 WG2083283-4 QC Sample: L2538013-01 Client ID: MW-13S									
Zinc, Dissolved	ND	0.5	0.526	105	0.515	103	75-125	2	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2083284-3 WG2083284-4 QC Sample: L2538013-01 Client ID: MW-13S									
Mercury, Dissolved	ND	0.005	0.00459	92	0.00484	97	75-125	5	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2082882-6 QC Sample: L2538013-02 Client ID: MW-13D						
Mercury, Total	ND	ND	mg/l	NC		20



Lab Serial Dilution
Analysis
Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2082870-10 QC Sample: L2538013-01 Client ID: MW-13S						
Calcium, Total	103.	93.8	mg/l	9		20
Magnesium, Total	26.1	24.6	mg/l	6		20



INORGANICS & MISCELLANEOUS

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-01
Client ID: MW-13S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:15
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:24	121,2320B	MKT
Alkalinity, Bicarbonate	266.		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:24	121,2320B	MKT
Solids, Total Dissolved	370		mg/l	13	4.0	1.3	-	06/23/25 03:20	121,2540C	DEW
Chloride	2.9		mg/l	1.0	0.89	1	-	06/25/25 04:05	121,4500CL-E	MRM
Fluoride	0.04	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/19/25 04:48	121,4500NO3-F	KAF
Nitrogen, Nitrate	5.58		mg/l	0.100	0.022	1	-	06/19/25 04:48	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	5.6		mg/l	0.10	0.046	1	-	06/19/25 04:48	121,4500NO3-F	KAF
Total Nitrogen	5.6		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:27	121,4500NH3-H	KEM
Phosphate, Total	0.095		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:19	121,4500P-E(M)	MEF
Sulfate	43.		mg/l	25	3.4	2.5	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.042	J	mg/l	0.050	0.013	1	-	06/21/25 15:25	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-02
Client ID: MW-13D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 09:30
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:37	121,2320B	MKT
Alkalinity, Bicarbonate	20.8		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:37	121,2320B	MKT
Solids, Total Dissolved	120		mg/l	13	4.0	1.3	-	06/23/25 03:20	121,2540C	DEW
Chloride	27.		mg/l	1.0	0.89	1	-	06/25/25 03:53	121,4500CL-E	MRM
Fluoride	0.03	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/19/25 04:57	121,4500NO3-F	KAF
Nitrogen, Nitrate	2.56		mg/l	0.100	0.022	1	-	06/19/25 04:57	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	2.6		mg/l	0.10	0.046	1	-	06/19/25 04:57	121,4500NO3-F	KAF
Total Nitrogen	2.6		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:30	121,4500NH3-H	KEM
Phosphate, Total	0.101		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:24	121,4500P-E(M)	MEF
Sulfate	13.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.047	J	mg/l	0.050	0.013	1	-	06/21/25 16:38	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-03
Client ID: DUP_06172025
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 12:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:39	121,2320B	MKT
Alkalinity, Bicarbonate	20.6		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:39	121,2320B	MKT
Solids, Total Dissolved	100		mg/l	13	4.0	1.3	-	06/23/25 03:20	121,2540C	DEW
Chloride	27.		mg/l	1.0	0.89	1	-	06/25/25 03:53	121,4500CL-E	MRM
Fluoride	0.03	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	0.014	J	mg/l	0.050	0.013	1	-	06/19/25 04:59	121,4500NO3-F	KAF
Nitrogen, Nitrate	2.58		mg/l	0.100	0.022	1	-	06/19/25 04:59	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	2.6		mg/l	0.10	0.046	1	-	06/19/25 04:59	121,4500NO3-F	KAF
Total Nitrogen	2.6		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:31	121,4500NH3-H	KEM
Phosphate, Total	0.313		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:25	121,4500P-E(M)	MEF
Sulfate	12.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.048	J	mg/l	0.050	0.013	1	-	06/21/25 15:37	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-04
Client ID: MP-1S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:40	121,2320B	MKT
Alkalinity, Bicarbonate	62.2		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:40	121,2320B	MKT
Solids, Total Dissolved	140		mg/l	13	4.0	1.3	-	06/23/25 03:20	121,2540C	DEW
Chloride	21.		mg/l	1.0	0.89	1	-	06/25/25 03:54	121,4500CL-E	MRM
Fluoride	0.07	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/19/25 05:00	121,4500NO3-F	KAF
Nitrogen, Nitrate	1.30		mg/l	0.100	0.022	1	-	06/19/25 05:00	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	1.3		mg/l	0.10	0.046	1	-	06/19/25 05:00	121,4500NO3-F	KAF
Total Nitrogen	1.3		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:32	121,4500NH3-H	KEM
Phosphate, Total	0.089		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:26	121,4500P-E(M)	MEF
Sulfate	17.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.049	J	mg/l	0.050	0.013	1	-	06/21/25 15:49	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-05
Client ID: MP-1D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 11:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:43	121,2320B	MKT
Alkalinity, Bicarbonate	50.5		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:43	121,2320B	MKT
Solids, Total Dissolved	150		mg/l	13	4.0	1.3	-	06/23/25 03:20	121,2540C	DEW
Chloride	13.		mg/l	1.0	0.89	1	-	06/25/25 03:55	121,4500CL-E	MRM
Fluoride	0.05	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/19/25 05:01	121,4500NO3-F	KAF
Nitrogen, Nitrate	0.559		mg/l	0.100	0.022	1	-	06/19/25 05:01	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	0.56		mg/l	0.10	0.046	1	-	06/19/25 05:01	121,4500NO3-F	KAF
Total Nitrogen	0.56		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:33	121,4500NH3-H	KEM
Phosphate, Total	0.279		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:27	121,4500P-E(M)	MEF
Sulfate	38.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.062		mg/l	0.050	0.013	1	-	06/21/25 16:02	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-06
Client ID: PZ-6
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:00
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:45	121,2320B	MKT
Alkalinity, Bicarbonate	171.		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:45	121,2320B	MKT
Solids, Total Dissolved	300		mg/l	13	4.0	1.3	-	06/23/25 03:20	121,2540C	DEW
Chloride	18.		mg/l	1.0	0.89	1	-	06/25/25 03:56	121,4500CL-E	MRM
Fluoride	0.11	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/19/25 05:02	121,4500NO3-F	KAF
Nitrogen, Nitrate	1.06		mg/l	0.100	0.022	1	-	06/19/25 05:02	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	1.0		mg/l	0.10	0.046	1	-	06/19/25 05:02	121,4500NO3-F	KAF
Total Nitrogen	1.8		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	0.803		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:34	121,4500NH3-H	KEM
Phosphate, Total	0.215		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:28	121,4500P-E(M)	MEF
Sulfate	35.		mg/l	20	2.7	2	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.049	J	mg/l	0.050	0.013	1	-	06/21/25 16:14	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538013-07
Client ID: MW-6D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/17/25 13:05
Date Received: 06/17/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:50	121,2320B	MKT
Alkalinity, Bicarbonate	39.6		mg CaCO ₃ /L	2.00	NA	1	-	06/24/25 08:50	121,2320B	MKT
Solids, Total Dissolved	130		mg/l	13	4.0	1.3	-	06/23/25 03:20	121,2540C	DEW
Chloride	17.		mg/l	1.0	0.89	1	-	06/25/25 03:57	121,4500CL-E	MRM
Fluoride	0.06	J	mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/19/25 05:03	121,4500NO3-F	KAF
Nitrogen, Nitrate	2.07		mg/l	0.100	0.022	1	-	06/19/25 05:03	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	2.1		mg/l	0.10	0.046	1	-	06/19/25 05:03	121,4500NO3-F	KAF
Total Nitrogen	2.1		mg/l	0.30	0.30	1	-	06/25/25 18:30	107,-	MRM
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/24/25 22:32	06/25/25 13:35	121,4500NH3-H	KEM
Phosphate, Total	0.065		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:29	121,4500P-E(M)	MEF
Sulfate	17.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.052		mg/l	0.050	0.013	1	-	06/21/25 16:26	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538013

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2080697-1										
Fluoride	ND		mg/l	0.20	0.01	1	06/19/25 00:47	06/19/25 06:49	121,4500F-BC	DTH
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2080704-1										
Nitrogen, Nitrite	0.028	J	mg/l	0.050	0.013	1	-	06/19/25 03:57	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2080710-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	06/19/25 04:04	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2080714-1										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	06/19/25 04:04	121,4500NO3-F	KAF
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-07 Batch: WG2081860-1										
Bromide	ND		mg/l	0.050	0.013	1	-	06/21/25 10:55	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2082105-1										
Solids, Total Dissolved	ND		mg/l	10	3.1	1	-	06/23/25 03:20	121,2540C	DEW
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2082473-1										
Phosphate, Total	0.015	J	mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:11	121,4500P-E(M)	MEF
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2082617-1										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/24/25 07:54	121,2320B	MKT
Alkalinity, Bicarbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/24/25 07:54	121,2320B	MKT
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2082652-1										
Sulfate	1.9	J	mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2082885-1										
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.022	1	06/24/25 22:32	06/25/25 14:11	121,4500NH3-H	KEM
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2083092-1										
Chloride	ND		mg/l	1.0	0.89	1	-	06/25/25 03:57	121,4500CL-E	MRM



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538013

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2080697-2								
Fluoride	86		-		78-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2080704-2								
Nitrogen, Nitrite	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2080710-2								
Nitrogen, Nitrate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2080714-2								
Nitrogen, Nitrate/Nitrite	100		-		90-110	-		20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-07 Batch: WG2081860-2								
Bromide	94		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2082105-2								
Solids, Total Dissolved	94		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2082473-2								
Phosphate, Total	103		-		84-118	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538013

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2082652-2					
Sulfate	105	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2082885-2					
Nitrogen, Total Kjeldahl	88	-	78-122	-	
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2083092-2					
Chloride	93	-	90-110	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538013

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2080697-4			QC Sample: L2538013-01			Client ID: MW-13S		
Fluoride	0.04J	1	0.91	91		-	-		69-124	-		13
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2080704-4			QC Sample: L2538013-01			Client ID: MW-13S		
Nitrogen, Nitrite	ND	4	4.00	100		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2080710-4			QC Sample: L2538013-01			Client ID: MW-13S		
Nitrogen, Nitrate	5.58	4	9.90	108		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2080714-4			QC Sample: L2538013-01			Client ID: MW-13S		
Nitrogen, Nitrate/Nitrite	5.6	4	9.9	108		-	-		80-120	-		20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2081860-3 WG2081860-4 QC Sample: L2538013-01 Client ID: MW-13S												
Bromide	0.042J	0.4	0.323	80	Q	0.318	80	Q	90-110	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2082473-4			QC Sample: L2538013-01			Client ID: MW-13S		
Phosphate, Total	0.095	1.53	1.69	104		-	-		80-120	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2082473-6			QC Sample: L2538382-06			Client ID: MS Sample		
Phosphate, Total	0.037	1.53	1.61	103		-	-		80-120	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2082652-4			QC Sample: L2538013-01			Client ID: MW-13S		
Sulfate	43.	100	150	104		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2082885-4			QC Sample: L2538013-01			Client ID: MW-13S		
Nitrogen, Total Kjeldahl	ND	8	6.90	86		-	-		77-111	-		24

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538013
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2083092-4 QC Sample: L2538013-01 Client ID: MW-13S									
Chloride	2.9	20	23	100	-	-	58-140	-	7

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538013

Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2080697-3	QC Sample: L2538013-01	Client ID: MW-13S		
Fluoride	0.04J	0.04J	mg/l	NC		13
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2080704-3	QC Sample: L2538013-01	Client ID: MW-13S		
Nitrogen, Nitrite	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2080710-3	QC Sample: L2538013-01	Client ID: MW-13S		
Nitrogen, Nitrate	5.58	5.56	mg/l	0		17
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2080714-3	QC Sample: L2538013-01	Client ID: MW-13S		
Nitrogen, Nitrate/Nitrite	5.6	5.6	mg/l	0		20
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2082105-3	QC Sample: L2538013-01	Client ID: MW-13S		
Solids, Total Dissolved	370	390	mg/l	5		10
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2082105-4	QC Sample: L2538013-02	Client ID: MW-13D		
Solids, Total Dissolved	120	130	mg/l	8		10
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2082473-3	QC Sample: L2538013-01	Client ID: MW-13S		
Phosphate, Total	0.095	0.089	mg/l	7		15
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2082473-5	QC Sample: L2538382-06	Client ID: DUP Sample		
Phosphate, Total	0.037	0.040	mg/l	8		15

Lab Duplicate Analysis*Batch Quality Control***Project Name:** CORAM GROUNDWATER EVENT**Project Number:** 2232.0006Y005**Lab Number:** L2538013**Report Date:** 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2082617-2 QC Sample: L2538013-01 Client ID: MW-13S					
Alkalinity, Carbonate	ND	ND	mg CaCO ₃ /L	NC	10
Alkalinity, Bicarbonate	266.	265	mg CaCO ₃ /L	0	9
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2082652-3 QC Sample: L2538013-01 Client ID: MW-13S					
Sulfate	43.	41	mg/l	5	14
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2082885-3 QC Sample: L2538013-01 Client ID: MW-13S					
Nitrogen, Total Kjeldahl	ND	ND	mg/l	NC	24
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2083092-3 QC Sample: L2538013-01 Client ID: MW-13S					
Chloride	2.9	3.0	mg/l	4	7

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538013-01A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2538013-01A1	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2538013-01A2	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2538013-01B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2538013-01B1	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2538013-01B2	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2538013-01C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2538013-01C1	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2538013-01C2	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2538013-01D	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-01D1	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-01D2	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-01E	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-01E1	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-01E2	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538013-01F	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-RI(180),ZN-RI(180),SE-RI(180),K-RI(180),BE-RI(180),AL-RI(180),MG-RI(180),MN-RI(180),TL-RI(180),CO-RI(180),SB-RI(180),CU-RI(180),CA-RI(180),BA-RI(180),CR-RI(180),NI-RI(180),HG-R(28),AG-RI(180),PB-RI(180),AS-RI(180),CD-RI(180),NA-RI(180),V-RI(180)
L2538013-01F1	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-RI(180),ZN-RI(180),SE-RI(180),K-RI(180),BE-RI(180),AL-RI(180),MG-RI(180),MN-RI(180),TL-RI(180),CO-RI(180),SB-RI(180),CU-RI(180),CA-RI(180),BA-RI(180),CR-RI(180),NI-RI(180),HG-R(28),AG-RI(180),PB-RI(180),AS-RI(180),CD-RI(180),NA-RI(180),V-RI(180)
L2538013-01F2	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-RI(180),ZN-RI(180),SE-RI(180),K-RI(180),BE-RI(180),AL-RI(180),MG-RI(180),MN-RI(180),TL-RI(180),CO-RI(180),SB-RI(180),CU-RI(180),CA-RI(180),BA-RI(180),CR-RI(180),NI-RI(180),HG-R(28),AG-RI(180),PB-RI(180),AS-RI(180),CD-RI(180),NA-RI(180),V-RI(180)
L2538013-01G	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),CA-UI(180),AG-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),AL-UI(180),MN-UI(180),BE-UI(180),CR-UI(180),NA-UI(180),V-UI(180),AS-UI(180),PB-UI(180),CU-UI(180),TL-UI(180)
L2538013-01G1	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),CA-UI(180),AG-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),AL-UI(180),MN-UI(180),BE-UI(180),CR-UI(180),NA-UI(180),V-UI(180),AS-UI(180),PB-UI(180),CU-UI(180),TL-UI(180)

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538013-01G2	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),CA-UI(180),AG-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),AL-UI(180),MN-UI(180),BE-UI(180),CR-UI(180),NA-UI(180),V-UI(180),AS-UI(180),PB-UI(180),CU-UI(180),TL-UI(180)
L2538013-01H	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		ARCHIVE()
L2538013-01I	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538013-01I1	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538013-01I2	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538013-01J	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SUB-IODIDE(7)
L2538013-01J1	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SUB-IODIDE(7)
L2538013-01J2	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SUB-IODIDE(7)
L2538013-01K	Plastic 950ml unpreserved	A	7	7	3.7	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538013-01K1	Plastic 950ml unpreserved	A	7	7	3.7	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538013-01K2	Plastic 950ml unpreserved	A	7	7	3.7	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538013-01L	Amber 950ml H2SO4 preserved	A	<2	<2	3.7	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538013-01L1	Amber 950ml H2SO4 preserved	A	<2	<2	3.7	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538013-01L2	Amber 950ml H2SO4 preserved	A	<2	<2	3.7	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538013-01X	Plastic 250ml H2SO4 preserved split	A	<2	<2	3.7	Y	Absent		SUB-AMMONIUM(28)
L2538013-01X1	Plastic 250ml H2SO4 preserved split	A	<2	<2	3.7	Y	Absent		SUB-AMMONIUM(28)
L2538013-01X2	Plastic 250ml H2SO4 preserved split	A	<2	<2	3.7	Y	Absent		SUB-AMMONIUM(28)
L2538013-02A	Vial HCl preserved	C	NA		3.9	Y	Absent		NYTCL-8260(14)
L2538013-02B	Vial HCl preserved	C	NA		3.9	Y	Absent		NYTCL-8260(14)
L2538013-02C	Vial HCl preserved	C	NA		3.9	Y	Absent		NYTCL-8260(14)

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538013-02D	Amber 100ml unpreserved	C	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-02E	Amber 100ml unpreserved	C	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-02F	Plastic 250ml HNO3 preserved	C	<2	<2	3.9	Y	Absent		ZN-RI(180),FE-RI(180),K-RI(180),SE-RI(180),BE-RI(180),MG-RI(180),AL-RI(180),MN-RI(180),TL-RI(180),CU-RI(180),SB-RI(180),CO-RI(180),BA-RI(180),CA-RI(180),AG-RI(180),NI-RI(180),HG-R(28),CR-RI(180),CD-RI(180),AS-RI(180),V-RI(180),PB-RI(180),NA-RI(180)
L2538013-02G	Plastic 250ml HNO3 preserved	C	<2	<2	3.9	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),AG-UI(180),CA-UI(180),ZN-UI(180),CO-UI(180),K-UI(180),SE-UI(180),FE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),BE-UI(180),CR-UI(180),AL-UI(180),MN-UI(180),NA-UI(180),PB-UI(180),AS-UI(180),V-UI(180),TL-UI(180),CU-UI(180)
L2538013-02H	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	3.9	Y	Absent		ARCHIVE()
L2538013-02I	Plastic 250ml unpreserved/No Headspace	C	NA		3.9	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538013-02J	Plastic 250ml unpreserved	C	7	7	3.9	Y	Absent		SUB-IODIDE(7)
L2538013-02K	Plastic 950ml unpreserved	C	7	7	3.9	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538013-02L	Amber 950ml H2SO4 preserved	C	<2	<2	3.9	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538013-02X	Plastic 250ml H2SO4 preserved split	C	<2	<2	3.9	Y	Absent		SUB-AMMONIUM(28)
L2538013-03A	Vial HCl preserved	D	NA		2.1	Y	Absent		NYTCL-8260(14)
L2538013-03B	Vial HCl preserved	D	NA		2.1	Y	Absent		NYTCL-8260(14)
L2538013-03C	Vial HCl preserved	D	NA		2.1	Y	Absent		NYTCL-8260(14)
L2538013-03D	Amber 100ml unpreserved	D	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-03E	Amber 100ml unpreserved	D	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Serial_No: 07022516:58
Lab Number: L2538013
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538013-03F	Plastic 250ml HNO3 preserved	D	<2	<2	2.1	Y	Absent		FE-RI(180),ZN-RI(180),SE-RI(180),BE-RI(180),K-RI(180),MG-RI(180),AL-RI(180),TL-RI(180),MN-RI(180),SB-RI(180),CU-RI(180),CO-RI(180),CA-RI(180),BA-RI(180),CR-RI(180),HG-R(28),AG-RI(180),NI-RI(180),CD-RI(180),AS-RI(180),PB-RI(180),V-RI(180),NA-RI(180)
L2538013-03G	Plastic 250ml HNO3 preserved	D	<2	<2	2.1	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),AG-UI(180),CA-UI(180),ZN-UI(180),CO-UI(180),K-UI(180),SE-UI(180),FE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),NA-UI(180),BE-UI(180),MN-UI(180),CR-UI(180),AL-UI(180),PB-UI(180),V-UI(180),TL-UI(180),CU-UI(180),AS-UI(180)
L2538013-03I	Plastic 250ml unpreserved/No Headspace	D	NA		2.1	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538013-03J	Plastic 250ml unpreserved	D	7	7	2.1	Y	Absent		SUB-IODIDE(7)
L2538013-03K	Plastic 950ml unpreserved	D	7	7	2.1	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538013-03L	Amber 950ml H2SO4 preserved	D	<2	<2	2.1	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538013-03X	Plastic 250ml H2SO4 preserved split	D	<2	<2	2.1	Y	Absent		SUB-AMMONIUM(28)
L2538013-04A	Vial HCl preserved	C	NA		3.9	Y	Absent		NYTCL-8260(14)
L2538013-04B	Vial HCl preserved	C	NA		3.9	Y	Absent		NYTCL-8260(14)
L2538013-04C	Vial HCl preserved	C	NA		3.9	Y	Absent		NYTCL-8260(14)
L2538013-04D	Amber 100ml unpreserved	C	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-04E	Amber 100ml unpreserved	C	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-04F	Plastic 250ml HNO3 preserved	C	<2	<2	3.9	Y	Absent		ZN-RI(180),FE-RI(180),BE-RI(180),K-RI(180),SE-RI(180),MG-RI(180),AL-RI(180),MN-RI(180),TL-RI(180),CU-RI(180),SB-RI(180),CO-RI(180),BA-RI(180),CA-RI(180),CR-RI(180),HG-R(28),AG-RI(180),NI-RI(180),AS-RI(180),CD-RI(180),NA-RI(180),V-RI(180),PB-RI(180)

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Serial_No:07022516:58
Lab Number: L2538013
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538013-04G	Plastic 250ml HNO3 preserved	C	<2	<2	3.9	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),CO-UI(180),K-UI(180),SE-UI(180),FE-UI(180),MG-UI(180),HG-UI(28),CD-UI(180),BE-UI(180),MN-UI(180),AL-UI(180),CR-UI(180),NA-UI(180),TL-UI(180),V-UI(180),PB-UI(180),AS-UI(180),CU-UI(180)
L2538013-04H	Amber 250ml unpreserved	C	7	7	3.9	Y	Absent		ARCHIVE()
L2538013-04H1	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	3.9	Y	Absent		ARCHIVE()
L2538013-04I	Plastic 250ml unpreserved/No Headspace	C	NA		3.9	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538013-04J	Plastic 250ml unpreserved	C	7	7	3.9	Y	Absent		SUB-IODIDE(7)
L2538013-04K	Plastic 950ml unpreserved	C	7	7	3.9	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538013-04L	Amber 950ml H2SO4 preserved	C	<2	<2	3.9	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538013-04X	Plastic 250ml H2SO4 preserved split	C	<2	<2	3.9	Y	Absent		SUB-AMMONIUM(28)
L2538013-05A	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L2538013-05B	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L2538013-05C	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L2538013-05D	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-05E	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-05F	Plastic 250ml HNO3 preserved	B	<2	<2	3.8	Y	Absent		FE-RI(180),ZN-RI(180),BE-RI(180),SE-RI(180),K-RI(180),AL-RI(180),MG-RI(180),TL-RI(180),MN-RI(180),CU-RI(180),CO-RI(180),SB-RI(180),BA-RI(180),CA-RI(180),NI-RI(180),CR-RI(180),HG-R(28),AG-RI(180),AS-RI(180),NA-RI(180),PB-RI(180),V-RI(180),CD-RI(180)

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538013**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538013-05G	Plastic 250ml HNO3 preserved	B	<2	<2	3.8	Y	Absent		BA-UI(180),SB-UI(180),NI-UI(180),CA-UI(180),ZN-UI(180),AG-UI(180),CO-UI(180),K-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-UI(28),CD-UI(180),NA-UI(180),AL-UI(180),CR-UI(180),BE-UI(180),MN-UI(180),V-UI(180),PB-UI(180),AS-UI(180),CU-UI(180),TL-UI(180)
L2538013-05H	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		ARCHIVE()
L2538013-05I	Plastic 250ml unpreserved/No Headspace	B	NA		3.8	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538013-05J	Plastic 250ml unpreserved	B	7	7	3.8	Y	Absent		SUB-IODIDE(7)
L2538013-05K	Plastic 950ml unpreserved	B	7	7	3.8	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),TDS-2540(7),BR-300(28)
L2538013-05L	Amber 950ml H2SO4 preserved	B	<2	<2	3.8	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538013-05X	Plastic 250ml H2SO4 preserved split	B	<2	<2	3.8	Y	Absent		SUB-AMMONIUM(28)
L2538013-06A	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L2538013-06B	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L2538013-06C	Vial HCl preserved	B	NA		3.8	Y	Absent		NYTCL-8260(14)
L2538013-06D	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-06E	Amber 100ml unpreserved	B	7	7	3.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-06F	Plastic 250ml HNO3 preserved	B	<2	<2	3.8	Y	Absent		ZN-RI(180),FE-RI(180),K-RI(180),BE-RI(180),SE-RI(180),AL-RI(180),MG-RI(180),TL-RI(180),MN-RI(180),SB-RI(180),CO-RI(180),CU-RI(180),BA-RI(180),CA-RI(180),CR-RI(180),NI-RI(180),AG-RI(180),HG-R(28),NA-RI(180),V-RI(180),AS-RI(180),PB-RI(180),CD-RI(180)
L2538013-06G	Plastic 250ml HNO3 preserved	B	<2	<2	3.8	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),ZN-UI(180),CA-UI(180),AG-UI(180),K-UI(180),CO-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-UI(28),CD-UI(180),CR-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),NA-UI(180),CU-UI(180),TL-UI(180),V-UI(180),AS-UI(180),PB-UI(180)

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Serial_No: 07022516:58
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538013-06H	Amber 250ml unpreserved	B	7	7	3.8	Y	Absent		ARCHIVE()
L2538013-06I	Plastic 250ml unpreserved/No Headspace	B	NA		3.8	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538013-06J	Plastic 250ml unpreserved	B	7	7	3.8	Y	Absent		SUB-IODIDE(7)
L2538013-06K	Plastic 950ml unpreserved	B	7	7	3.8	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538013-06L	Amber 950ml H2SO4 preserved	B	<2	<2	3.8	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538013-06X	Plastic 250ml H2SO4 preserved split	B	<2	<2	3.8	Y	Absent		SUB-AMMONIUM(28)
L2538013-07A	Vial HCl preserved	C	NA		3.9	Y	Absent		NYTCL-8260(14)
L2538013-07B	Vial HCl preserved	C	NA		3.9	Y	Absent		NYTCL-8260(14)
L2538013-07C	Vial HCl preserved	C	NA		3.9	Y	Absent		NYTCL-8260(14)
L2538013-07D	Amber 100ml unpreserved	C	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-07E	Amber 100ml unpreserved	C	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538013-07F	Plastic 250ml HNO3 preserved	C	<2	<2	3.9	Y	Absent		ZN-RI(180),FE-RI(180),K-RI(180),SE-RI(180),BE-RI(180),MG-RI(180),AL-RI(180),MN-RI(180),TL-RI(180),SB-RI(180),CO-RI(180),CU-RI(180),CA-RI(180),BA-RI(180),AG-RI(180),HG-R(28),CR-RI(180),NI-RI(180),V-RI(180),NA-RI(180),PB-RI(180),AS-RI(180),CD-RI(180)
L2538013-07G	Plastic 250ml HNO3 preserved	C	<2	<2	3.9	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),CA-UI(180),AG-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE-UI(180),AL-UI(180),MN-UI(180),CR-UI(180),NA-UI(180),CU-UI(180),TL-UI(180),AS-UI(180),PB-UI(180),V-UI(180)
L2538013-07H	Amber 250ml unpreserved	C	7	7	3.9	Y	Absent		ARCHIVE()
L2538013-07I	Plastic 250ml unpreserved/No Headspace	C	NA		3.9	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538013-07J	Plastic 250ml unpreserved	C	7	7	3.9	Y	Absent		SUB-IODIDE(7)
L2538013-07K	Plastic 950ml unpreserved	C	7	7	3.9	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)

Project Name: CORAM GROUNDWATER EVENT
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Serial_No:07022516:58
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538013-07L	Amber 950ml H2SO4 preserved	C	<2	<2	3.9	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538013-07X	Plastic 250ml H2SO4 preserved split	C	<2	<2	3.9	Y	Absent		SUB-AMMONIUM(28)
L2538013-08A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2538013-08B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.
- 19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 107 Calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at its own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3286		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 2		Date Rec'd in Lab 6/18/25		ALPHA Job # 12538013																																																																																																																																								
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Service Centers

Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
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Page **XI**

of 1

Date Rec'd
in Lab

ALPHA Job #

Project Information

Project Name: Coram Groundwater Event
Project Location: 416 Miller Place-Yaphank Road
Project #
(Use Project name as Project #) ☐
Project Manager: Ashley Iervolino
ALPHAQuote #: 25147

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQUIS (1 File) ☐ EQUIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of
applicable disposal facilities.

Disposal Facility:

☐ NJ ☐ NY
☐ Other:

Client Information

Client: ROUX Env. Eng. & Geology, DPC
Address: 209 Shafter Street
Islandia, NY 11749-5074
Phone: 631-232-2600
Fax:
Email: aiervolino@Rouxinc.com

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	SUB-Sulfide							Sample Filtration	Sample Specific Comments	Total Bottles
		Date	Time												
	MW-135	6/7/25	0915	AQ	BW								☒ Done		1
	MW-130		0930		RM								☐ Lab to do		1
	DUP-0617205		1200		RM								☐ Lab to do		1
	MP-15		1100		BW										1
	MP-10		1105		RM										1
	PZ-6		1300		RM										1
	MW-6D		1305		BW										1
	Frip Blank (BW)														1

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

P

Preservative

C

Relinquished By:

Ben White

Date/Time

6/17/25

Received By:

Date/Time

Please print clearly, legibly
and completely. Samples can
not be logged in and
turnaround time clock will not
start until any ambiguities are
resolved. BY EXECUTING
THIS COC, THE CLIENT
HAS READ AND AGREES
TO BE BOUND BY ALPHA'S
TERMS & CONDITIONS.



Sample Delivery Group Summary

Pace Job Number : L2538013

Received : 17-JUN-2025

Reviewer : Craig Sloma-Green

Account Name : Roux Env. Eng. & Geology, DPC

Project Number : 2232.0006Y

Project Name : CORAM GROUNDWATER EVENT

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.7	
B	Absent/	Ice	3.8	
C	Absent/	Ice	3.9	
D	Absent/	Ice	2.1	

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between COC & sample labels?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis?	YES
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	NA

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NO
--	----



June 25, 2025

Jennifer Byrnes
Pace MA
Eight Walkup Drive
Westborough, MA 01581

RE: Project: L2538013
Pace Project No.: 50405090

Dear Jennifer Byrnes:

Enclosed are the analytical results for sample(s) received by the laboratory on June 19, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tina Sayer
tina.sayer@pacelabs.com
(317)228-3127
Project Manager

Enclosures

cc: Pace MA, Pace MA



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: L2538013
Pace Project No.: 50405090

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076

Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: L2538013

Pace Project No.: 50405090

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50405090001	MW-13S	Water	06/17/25 09:15	06/19/25 08:45
50405090002	MW-13D	Water	06/17/25 09:30	06/19/25 08:45
50405090003	DUP_06172025	Water	06/17/25 12:00	06/19/25 08:45
50405090004	MP-1S	Water	06/17/25 11:00	06/19/25 08:45
50405090005	MP-1D	Water	06/17/25 11:05	06/19/25 08:45
50405090006	PZ-6	Water	06/17/25 13:00	06/19/25 08:45
50405090007	MW-6D	Water	06/17/25 13:05	06/19/25 08:45

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SAMPLE ANALYTE COUNT

Project: L2538013

Pace Project No.: 50405090

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50405090001	MW-13S	EPA 9056	GLT	1
50405090002	MW-13D	EPA 9056	GLT	1
50405090003	DUP_06172025	EPA 9056	GLT	1
50405090004	MP-1S	EPA 9056	GLT	1
50405090005	MP-1D	EPA 9056	GLT	1
50405090006	PZ-6	EPA 9056	GLT	1
50405090007	MW-6D	EPA 9056	GLT	1

PASI-I = Pace Analytical Services - Indianapolis

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ANALYTICAL RESULTS

Project: L2538013

Pace Project No.: 50405090

Sample: MW-13S		Lab ID: 50405090001		Collected: 06/17/25 09:15		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 09:17		

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ANALYTICAL RESULTS

Project: L2538013
Pace Project No.: 50405090

Sample: MW-13D		Lab ID: 50405090002		Collected: 06/17/25 09:30		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 09:36		

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ANALYTICAL RESULTS

Project: L2538013

Pace Project No.: 50405090

Sample: DUP_06172025		Lab ID: 50405090003		Collected: 06/17/25 12:00		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 11:51		

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ANALYTICAL RESULTS

Project: L2538013

Pace Project No.: 50405090

Sample: MP-1S		Lab ID: 50405090004		Collected: 06/17/25 11:00		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 12:10		

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ANALYTICAL RESULTS

Project: L2538013
Pace Project No.: 50405090

Sample: MP-1D		Lab ID: 50405090005		Collected: 06/17/25 11:05		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 12:30		

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ANALYTICAL RESULTS

Project: L2538013

Pace Project No.: 50405090

Sample: PZ-6		Lab ID: 50405090006		Collected: 06/17/25 13:00		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 12:49		

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ANALYTICAL RESULTS

Project: L2538013

Pace Project No.: 50405090

Sample: MW-6D		Lab ID: 50405090007		Collected: 06/17/25 13:05		Received: 06/19/25 08:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	0.15	1		06/21/25 13:08		

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QUALITY CONTROL DATA

Project: L2538013
Pace Project No.: 50405090

QC Batch:	850165	Analysis Method:	EPA 9056
QC Batch Method:	EPA 9056	Analysis Description:	9056 Iodide by IC
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50405090001, 50405090002, 50405090003, 50405090004, 50405090005, 50405090006, 50405090007

METHOD BLANK:	3894277	Matrix:	Water
---------------	---------	---------	-------

Associated Lab Samples: 50405090001, 50405090002, 50405090003, 50405090004, 50405090005, 50405090006, 50405090007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iodide	mg/L	ND	0.50	0.15	06/21/25 10:34	

LABORATORY CONTROL SAMPLE: 3894278						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodide	mg/L	5	4.7	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3894279 3894280												
Parameter	Units	50405090001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iodide	mg/L	ND	5	5	4.5	4.5	90	90	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: L2538013
Pace Project No.: 50405090

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L2538013

Pace Project No.: 50405090

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50405090001	MW-13S	EPA 9056	850165		
50405090002	MW-13D	EPA 9056	850165		
50405090003	DUP_06172025	EPA 9056	850165		
50405090004	MP-1S	EPA 9056	850165		
50405090005	MP-1D	EPA 9056	850165		
50405090006	PZ-6	EPA 9056	850165		
50405090007	MW-6D	EPA 9056	850165		

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WO# : 50405090



50405090

Page 1

		Subcontract Chain of Custody Pace Analytical (Indianapolis, IN) 7726 Moller Road Indianapolis, IN 46268		WO# : 50405090 50405090				
Client Information		Project Information		Regulatory Requirements/Report Limits				
Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.coupahost.com Phone: 716.427.5228 Email: Jennifer.Byrnes@pacelabs.com		Project Location: NY Project Manager: Jennifer Byrnes Turnaround & Deliverables Information Due Date: Deliverables: ASP Category B Deliverables (Level 4)		State/Federal Program: Regulatory Criteria: Report to MDL				
Project Specific Requirements and/or Report Requirements								
Reference following Pace Job Number on final report/deliverables: L2538013 Report to include Method and/or Regulatory required batch QC								
Additional Comments: Profile # 11706: needs L4 and EDD 265 NY EQUIS								
Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2538013-01 L2538013-02 L2538013-03 L2538013-04 L2538013-05 L2538013-06 L2538013-07	MW-13S MW-13D DUP 06172025 MP-1S MP-1D PZ-6 MW-6D	06-17-25 09:15 06-17-25 09:30 06-17-25 12:00 06-17-25 11:00 06-17-25 11:05 06-17-25 13:00 06-17-25 13:05	WATER WATER WATER WATER WATER WATER WATER	Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056		MS,MSD	3 1 1 1 1 1 1
Relinquished By:			Date/Time:		Received By:		Date/Time:	
C. Cleary			6/19/25 8:45		C. Cleary		6/19/25 8:45	
Fedex					C. Cleary			
Form No: AL_subcoc								



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 6/19/25 1818cc

1. <u>Thermometer:</u> 1 2 3 4 5 6 7 8 9 A B C D E <u>F</u> G H I		3. <u>Packing Material:</u> Bubble Wrap Bubble Bags None Other _____	
2. <u>Cooler Temperature(s):</u> 2.0/3.0 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)		4. <u>Ice Type:</u> Wet Blue None	
3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No		5. <u>Courier:</u> Fed Ex UPS Client Pace Now/Jett Other	
Cooler temp should be above freezing to 6°C If the PM was contacted in the comments below please write how they instructed the project to proceed		6. <u>Custody Seal on Cooler/Box Present:</u> Yes No (If yes)Seals Intact: Yes No (leave blank if no seals were present)	

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			X
Short Hold Time Analysis (48 hours or less)? Analysis:		X				
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A
Rush TAT Requested (4 days or less):		X	Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
Custody Signatures Present?	X		Headspace in VOA Vials (>6mm): See Container Count form for details	Present	Absent	No VOA Vials Sent
Containers Intact?:	X		Trip Blank Present?		X	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	X		Trip Blank Custody Seals?:			X
Comments:			Extra labels on Terracore Vials? (soils only)			X

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers
that are out of conformance **

COC Line Item	WGFU	WGKU	BG1U	MeOH (only)	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AMBER GLASS						PLASTIC						OTHER				Matrix	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide ZnAc																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				SBS							AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z						CG3H	CG3F	Syringe Kit	Red	Yellow	Green	Black																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic
Miscellaneous	
Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe



July 01, 2025

Jennifer Byrnes

,

RE: Project: L2538013
Pace Project No.: 70361651

Dear Jennifer Byrnes:

Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brianna D. Rivera
brianna.rivera@pacelabs.com
516-370-6007
Project Manager

Enclosures

cc: Reports, Pace - West Borough



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CERTIFICATIONS

Project: L2538013
Pace Project No.: 70361651

Pace Analytical Services, LLC - Melville, NY

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Texas Certification #: T104704582
Florida Certification #: E871198

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SAMPLE SUMMARY

Project: L2538013

Pace Project No.: 70361651

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70361651001	MW-13S	Water	06/17/25 09:15	06/17/25 17:50
70361651002	MW-13D	Water	06/17/25 09:30	06/17/25 17:50
70361651003	DUP-06172025	Water	06/17/25 12:00	06/17/25 17:50
70361651004	MP-1S	Water	06/17/25 11:00	06/17/25 17:50
70361651005	MP-1D	Water	06/17/25 11:05	06/17/25 17:50
70361651006	PZ-6	Water	06/17/25 13:00	06/17/25 17:50
70361651007	MW-6P	Water	06/17/25 13:05	06/17/25 17:50

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SAMPLE ANALYTE COUNT

Project: L2538013

Pace Project No.: 70361651

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70361651001	MW-13S	EPA 9034	NAA	1
70361651002	MW-13D	EPA 9034	NAA	1
70361651003	DUP-06172025	EPA 9034	NAA	1
70361651004	MP-1S	EPA 9034	NAA	1
70361651005	MP-1D	EPA 9034	NAA	1
70361651006	PZ-6	EPA 9034	NAA	1
70361651007	MW-6P	EPA 9034	NAA	1

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: L2538013

Pace Project No.: 70361651

Sample: MW-13S		Lab ID: 70361651001		Collected: 06/17/25 09:15		Received: 06/17/25 17:50		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide, Titration		Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Melville							
Sulfide	<1.9	mg/L	2.0	1.9	1	06/18/25 08:13	06/18/25 11:08		

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ANALYTICAL RESULTS

Project: L2538013
Pace Project No.: 70361651

Sample: MW-13D		Lab ID: 70361651002		Collected: 06/17/25 09:30		Received: 06/17/25 17:50		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide, Titration		Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Melville							
Sulfide	<1.9	mg/L	2.0	1.9	1	06/18/25 08:13	06/18/25 11:09		

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ANALYTICAL RESULTS

Project: L2538013

Pace Project No.: 70361651

Sample: DUP-06172025		Lab ID: 70361651003		Collected: 06/17/25 12:00		Received: 06/17/25 17:50		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide, Titration		Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Melville							
Sulfide	<1.9	mg/L	2.0	1.9	1	06/18/25 08:13	06/18/25 11:13		

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ANALYTICAL RESULTS

Project: L2538013
Pace Project No.: 70361651

Sample: MP-1S		Lab ID: 70361651004		Collected: 06/17/25 11:00		Received: 06/17/25 17:50		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide, Titration		Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Melville							
Sulfide	<1.9	mg/L	2.0	1.9	1	06/23/25 04:15	06/23/25 06:45		

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ANALYTICAL RESULTS

Project: L2538013
Pace Project No.: 70361651

Sample: MP-1D		Lab ID: 70361651005		Collected: 06/17/25 11:05		Received: 06/17/25 17:50		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide, Titration		Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Melville							
Sulfide	<1.9	mg/L	2.0	1.9	1	06/23/25 04:15	06/23/25 06:49		

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ANALYTICAL RESULTS

Project: L2538013

Pace Project No.: 70361651

Sample: PZ-6		Lab ID: 70361651006		Collected: 06/17/25 13:00		Received: 06/17/25 17:50		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide, Titration		Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Melville							
Sulfide	<1.9	mg/L	2.0	1.9	1	06/23/25 04:15	06/23/25 06:52		

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ANALYTICAL RESULTS

Project: L2538013

Pace Project No.: 70361651

Sample: MW-6P		Lab ID: 70361651007		Collected: 06/17/25 13:05		Received: 06/17/25 17:50		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide, Titration		Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Melville							
Sulfide	<1.9	mg/L	2.0	1.9	1	06/23/25 04:15	06/23/25 06:56		

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QUALITY CONTROL DATA

Project: L2538013

Pace Project No.: 70361651

QC Batch: 405758

Analysis Method: EPA 9034

QC Batch Method: EPA 9030B

Analysis Description: 9034 Sulfide Waste Water

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70361651001, 70361651002, 70361651003

METHOD BLANK: 2147513

Matrix: Water

Associated Lab Samples: 70361651001, 70361651002, 70361651003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	<1.9	2.0	1.9	06/18/25 10:57	

LABORATORY CONTROL SAMPLE & LCSD: 2147514

2147515

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Sulfide	mg/L	56.1	54.4	57.6	97	103	80-120	6	20	

SAMPLE DUPLICATE: 2147516

Parameter	Units	70361651003 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	<1.9	<1.9		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: L2538013

Pace Project No.: 70361651

QC Batch: 405759

Analysis Method: EPA 9034

QC Batch Method: EPA 9030B

Analysis Description: 9034 Sulfide Waste Water

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70361651004, 70361651005, 70361651006, 70361651007

METHOD BLANK: 2147517

Matrix: Water

Associated Lab Samples: 70361651004, 70361651005, 70361651006, 70361651007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	<1.9	2.0	1.9	06/23/25 06:35	

LABORATORY CONTROL SAMPLE & LCSD: 2147518

2147519

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Sulfide	mg/L	56.1	56.0	52.8	100	94	80-120	6	20	

SAMPLE DUPLICATE: 2147520

Parameter	Units	70361651007 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	<1.9	<1.9		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: L2538013
Pace Project No.: 70361651

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L2538013

Pace Project No.: 70361651

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70361651001	MW-13S	EPA 9030B	405758	EPA 9034	405773
70361651002	MW-13D	EPA 9030B	405758	EPA 9034	405773
70361651003	DUP-06172025	EPA 9030B	405758	EPA 9034	405773
70361651004	MP-1S	EPA 9030B	405759	EPA 9034	405771
70361651005	MP-1D	EPA 9030B	405759	EPA 9034	405771
70361651006	PZ-6	EPA 9030B	405759	EPA 9034	405771
70361651007	MW-6P	EPA 9030B	405759	EPA 9034	405771

REPORT OF LABORATORY ANALYSIS

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NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page X of 1	Date Received in Lab
Client Information Client: ROUX Env.Eng.&Geology, DPC Address: 209 Shafter Street Islandia, NY 11749-5074 Phone: 631-232-2600 Fax: aiervolino@rouxinc.com Email: aiervolino@rouxinc.com		Project Information Project Name: Coram Groundwater Event Project Location: 416 Miller Place-Yaphank Road Project # (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ EQulS (1 File) ☐ Other	Same as Client Info PO #
Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:		Regulatory Requirement ☐ NY TOGS ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information	
These samples have been previously analyzed by Alpha ☐		ANALYSIS		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.	
Please specify Metals or TAL.		SUB-Suicide		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials
	MAW-135	6/17/25	0915	AQ	BW
	MAW-130		0930		RM
	DUP-06177025		1200		RM
	MP-15		1100		BW
	MP-10		1105		RM
	PZ-6		1300		RM
	MAW-6P		1305		BW
	Fig Blank (BW)				
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K = Zn Ac/NaOH Other		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative	
Relinquished By:		Date/Time		Received By:	
Date/Time		Date/Time		Date/Time	

DC#_Title: ENV-FRM-MELV-0024 v07_SCUR
Effective Date: 4/12/2024

Client Name:

ROU

Project #

WO#: 70361651

PM: KMM

Due Date: 06/27/25

CLIENT: ROU

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No Temperature Blank Present: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ Ziploc ☐ None ☐ Other Type of Ice: ☒ Wet ☐ Blue ☐ NoneThermometer Used: TH 211 Correction Factor: +0.2 ☐ Samples on ice, cooling process has begun

Cooler Temperature(°C): 5.7 Cooler Temperature Corrected(°C): 5.9 Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☒ N/A, water sample)Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☒ NoDid samples originate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents:

6/17/25 PD

	COMMENTS:
Chain of Custody Present: ☒ Yes ☐ No	1.
Chain of Custody Filled Out: ☒ Yes ☐ No	2.
Chain of Custody Relinquished: ☒ Yes ☐ No	3.
Sampler Name & Signature on COC: ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time: ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr): ☐ Yes ☒ No	6.
Rush Turn Around Time Requested: ☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD) ☒ Yes ☐ No	8.
Correct Containers Used: ☒ Yes ☐ No	9.
-Pace Containers Used: ☒ Yes ☐ No	10.
Containers Intact: ☒ Yes ☐ No	10.
Filtered volume received for Dissolved tests ☐ Yes ☐ No ☒ N/A	11. Note: if sediment is visible in the dissolved container.
Sample Labels match COC: ☒ Yes ☐ No	12.
-Includes date/time/ID/Analysis Matrix: SL WT OIL OTHER	

Date and Initials of person checking preservation:

6/17/25 PD

All containers needing preservation have been ☒ Yes ☐ No ☐ N/A pH paper Lot # 231224	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, ☒ Yes ☐ No ☐ N/A NAOH>12 Cyanide)	Sample #
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination: ☐ Yes ☐ No ☒ N/A KI starch test strips Lot #	14. Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	15. Positive for Sulfide? Y N
SM 4500 CN samples checked for sulf ☒ Yes ☐ No ☐ N/A Lead Acetate Strips Lot # 14-862	16.
Headspace in ALK Bottle (>6mm): ☐ Yes ☐ No ☒ N/A	17.
Headspace in VOA Vials (>6mm): ☐ Yes ☐ No ☒ N/A	
Trip Blank Present: ☐ Yes ☐ No ☒ N/A	
Trip Blank Custody Seals Present ☐ Yes ☐ No ☒ N/A	

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM (Project Manager) review (which includes the SCUR) is documented electronically in LIMS.

Amended Laboratory Report

Report prepared for:

Jennifer Byrnes
Pace Analytical Services, LLC
8 Walkup Drive
Westborough, MA 01581

Email: jennifer.byrnes@pacelabs.com, west.subreports@pacelabs.com

Report prepared by:

Debbie S Robertson

Purchase Order:**For further assistance, contact:**

Debbie S Robertson
Report Production Coordinator
2323 Sycamore Dr
Knoxville, TN 37921
(865) 546-1335
debbierobertson@galbraith.com

Sample: MW-13S L2538013		Received: 2025-06-20			
Lab ID: 2025-W-1880					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.58 mg	2025-06-30

Sample: MW-13S +MS L2538013		Received: 2025-06-20			
Lab ID: 2025-W-1881					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.26 mg	2025-06-30

Sample: MW-13S +SD L2538013		Received: 2025-06-20			
Lab ID: 2025-W-1882					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	211.61 mg	2025-06-30

Sample: MW-13D L2538013		Received: 2025-06-20			
Lab ID: 2025-W-1883					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.63 mg	2025-06-30

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Sample: DUP_06172025 L2538013		Received: 2025-06-20			
Lab ID: 2025-W-1884					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	213.09 mg	2025-06-30

Sample: MP-1S L2538013		Received: 2025-06-20			
Lab ID: 2025-W-1885					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.25 mg	2025-06-30

Sample: MP-1D L2538013		Received: 2025-06-20			
Lab ID: 2025-W-1886					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	211.16 mg	2025-06-30

Sample: PZ-6 L2538013		Received: 2025-06-20			
Lab ID: 2025-W-1887					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	211.71 mg	2025-06-30

Sample: MW-6D L2538013		Received: 2025-06-20			
Lab ID: 2025-W-1888					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.19 mg	2025-06-30

For all samples on this report:

1. Amended Report: This report amends data included in report 161458

Signatures:

Published By: Debbie.S.Robertson
Created By: Debbie.S.Robertson

2025-07-02T20:03:47.493-04:00
2025-07-02T20:03:20.067-04:00

- Physical signatures are on file.
- "Published By" signature indicates authorized release of data.

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ANALYTICAL REPORT

Lab Number:	L2538382
Client:	Roux Env. Eng. & Geology, DPC 209 N. Shafter St. Islandia, NY 11749
ATTN:	Ashley Iervolino
Phone:	(631) 232-2600
Project Name:	CORAM MATERIALS
Project Number:	2232.0006Y005
Report Date:	07/02/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2538382-01	MW-8S	WATER	416 MILLER PLACE-YAPHANK RD.	06/18/25 09:00	06/18/25
L2538382-02	MW-8D	WATER	416 MILLER PLACE-YAPHANK RD.	06/18/25 09:05	06/18/25
L2538382-03	MW-5D	WATER	416 MILLER PLACE-YAPHANK RD.	06/18/25 10:30	06/18/25
L2538382-04	PZ-5	WATER	416 MILLER PLACE-YAPHANK RD.	06/18/25 10:45	06/18/25
L2538382-05	MW-12S	WATER	416 MILLER PLACE-YAPHANK RD.	06/18/25 13:20	06/18/25
L2538382-06	MW-12D	WATER	416 MILLER PLACE-YAPHANK RD.	06/18/25 13:22	06/18/25
L2538382-07	DUP_06182025	WATER	416 MILLER PLACE-YAPHANK RD.	06/18/25 12:00	06/18/25
L2538382-08	TRIP BLANK	TRIP BLANK (AQUEOUS)	416 MILLER PLACE-YAPHANK RD.	06/18/25 00:00	06/18/25

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Case Narrative (continued)

Report Submission

July 02, 2025: This final report includes the results of all requested analyses.

June 30, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analyses of Sulfide, Iodide and Ammonium were subcontracted. Copies of the laboratory reports are included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Dissolved Metals

L2538382-04: Dissolved results are greater than Total results. The sample containers were verified as being labeled correctly by the laboratory.

Anions by Ion Chromatography

The WG2083987-5/-6 MS/MSD recoveries performed on L2538382-06 are outside the acceptance criteria for bromide (80%/80%); however, the associated LCS recovery is within criteria. No further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 07/02/25

ORGANICS

VOLATILES

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-01
 Client ID: MW-8S
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 09:00
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/25/25 13:42
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-01**Date Collected:** 06/18/25 09:00**Client ID:** MW-8S**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	108		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-02
 Client ID: MW-8D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 09:05
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/25/25 14:05
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-02**Date Collected:** 06/18/25 09:05**Client ID:** MW-8D**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	106		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-03
 Client ID: MW-5D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 10:30
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/25/25 14:28
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	0.78	J	ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.87		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.41	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-03**Date Collected:** 06/18/25 10:30**Client ID:** MW-5D**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	107		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-04
 Client ID: PZ-5
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 10:45
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/25/25 14:50
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-04**Date Collected:** 06/18/25 10:45**Client ID:** PZ-5**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	106		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-05
 Client ID: MW-12S
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 13:20
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/25/25 16:21
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-05**Date Collected:** 06/18/25 13:20**Client ID:** MW-12S**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	108		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-06
 Client ID: MW-12D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 13:22
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/25/25 15:36
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	2.8		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.38	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	4.0		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	3.4		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-06**Date Collected:** 06/18/25 13:22**Client ID:** MW-12D**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	108		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-07
 Client ID: DUP_06182025
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 12:00
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/25/25 15:58
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-07**Date Collected:** 06/18/25 12:00**Client ID:** DUP_06182025**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	104		70-130

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-08
 Client ID: TRIP BLANK
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 00:00
 Date Received: 06/18/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Trip Blank (Aqueous)
 Analytical Method: 1,8260D
 Analytical Date: 06/25/25 15:13
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-08**Date Collected:** 06/18/25 00:00**Client ID:** TRIP BLANK**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	107		70-130

Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 06/25/25 08:36

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2084241-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70



Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/25/25 08:36
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2084241-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/25/25 08:36
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2084241-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2084241-3 WG2084241-4								
Methylene chloride	83		79		70-130	5		20
1,1-Dichloroethane	93		84		70-130	10		20
Chloroform	89		82		70-130	8		20
Carbon tetrachloride	93		82		63-132	13		20
1,2-Dichloropropane	90		80		70-130	12		20
Dibromochloromethane	100		92		63-130	8		20
1,1,2-Trichloroethane	96		88		70-130	9		20
Tetrachloroethene	98		83		70-130	17		20
Chlorobenzene	98		88		75-130	11		20
Trichlorofluoromethane	87		75		62-150	15		20
1,2-Dichloroethane	95		86		70-130	10		20
1,1,1-Trichloroethane	98		85		67-130	14		20
Bromodichloromethane	96		87		67-130	10		20
trans-1,3-Dichloropropene	110		95		70-130	15		20
cis-1,3-Dichloropropene	99		90		70-130	10		20
Bromoform	99		83		54-136	18		20
1,1,2,2-Tetrachloroethane	100		93		67-130	7		20
Benzene	89		81		70-130	9		20
Toluene	99		88		70-130	12		20
Ethylbenzene	97		85		70-130	13		20
Chloromethane	81		70		64-130	15		20
Bromomethane	56		51		39-139	9		20
Vinyl chloride	95		82		55-140	15		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2084241-3 WG2084241-4								
Chloroethane	97		85		55-138	13		20
1,1-Dichloroethene	93		80		61-145	15		20
trans-1,2-Dichloroethene	94		85		70-130	10		20
Trichloroethene	94		82		70-130	14		20
1,2-Dichlorobenzene	110		91		70-130	19		20
1,3-Dichlorobenzene	100		88		70-130	13		20
1,4-Dichlorobenzene	100		87		70-130	14		20
Methyl tert butyl ether	90		84		63-130	7		20
p/m-Xylene	90		80		70-130	12		20
o-Xylene	90		80		70-130	12		20
cis-1,2-Dichloroethene	94		87		70-130	8		20
Styrene	80		75		70-130	6		20
Dichlorodifluoromethane	77		73		36-147	5		20
Acetone	96		90		58-148	6		20
Carbon disulfide	98		89		51-130	10		20
2-Butanone	83		81		63-138	2		20
4-Methyl-2-pentanone	86		82		59-130	5		20
2-Hexanone	87		82		57-130	6		20
Bromochloromethane	88		84		70-130	5		20
1,2-Dibromoethane	110		96		70-130	14		20
1,2-Dibromo-3-chloropropane	110		100		41-144	10		20
Isopropylbenzene	100		86		70-130	15		20
1,2,3-Trichlorobenzene	100		92		70-130	8		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2084241-3 WG2084241-4								
1,2,4-Trichlorobenzene	100		90		70-130	11		20
Methyl Acetate	91		85		70-130	7		20
Cyclohexane	85		70		70-130	19		20
Freon-113	99		85		70-130	15		20
Methyl cyclohexane	82		74		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		93		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	108		109		70-130
Dibromofluoromethane	96		99		70-130

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG2084241-6 WG2084241-7 QC Sample: L2538382-06 Client ID: MW-12D												
Methylene chloride	ND	10	8.3	83		8.9	89		70-130	7		20
1,1-Dichloroethane	2.8	10	12	92		12	92		70-130	0		20
Chloroform	ND	10	8.6	86		9.2	92		70-130	7		20
Carbon tetrachloride	ND	10	8.9	89		9.6	96		63-132	8		20
1,2-Dichloropropane	ND	10	8.6	86		9.2	92		70-130	7		20
Dibromochloromethane	ND	10	10	100		10	100		63-130	0		20
1,1,2-Trichloroethane	ND	10	10	100		10	100		70-130	0		20
Tetrachloroethene	0.38J	10	9.0	90		9.5	95		70-130	5		20
Chlorobenzene	ND	10	9.2	92		9.4	94		75-130	2		20
Trichlorofluoromethane	ND	10	9.2	92		9.3	93		62-150	1		20
1,2-Dichloroethane	ND	10	9.0	90		9.6	96		70-130	6		20
1,1,1-Trichloroethane	4.0	10	14	100		14	100		67-130	0		20
Bromodichloromethane	ND	10	9.2	92		9.7	97		67-130	5		20
trans-1,3-Dichloropropene	ND	10	9.8	98		10	100		70-130	2		20
cis-1,3-Dichloropropene	ND	10	8.2	82		9.0	90		70-130	9		20
Bromoform	ND	10	9.0	90		9.5	95		54-136	5		20
1,1,2,2-Tetrachloroethane	ND	10	10	100		11	110		67-130	10		20
Benzene	ND	10	9.1	91		9.4	94		70-130	3		20
Toluene	ND	10	9.1	91		9.4	94		70-130	3		20
Ethylbenzene	ND	10	8.6	86		9.1	91		70-130	6		20
Chloromethane	ND	10	8.5	85		9.2	92		64-130	8		20
Bromomethane	ND	10	5.7	57		6.8	68		39-139	18		20
Vinyl chloride	ND	10	10	100		11	110		55-140	10		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG2084241-6 WG2084241-7 QC Sample: L2538382-06 Client ID: MW-12D												
Chloroethane	ND	10	10	100		10	100		55-138	0		20
1,1-Dichloroethene	3.4	10	12	86		13	96		61-145	8		20
trans-1,2-Dichloroethene	ND	10	8.9	89		9.3	93		70-130	4		20
Trichloroethene	ND	10	8.6	86		9.2	92		70-130	7		20
1,2-Dichlorobenzene	ND	10	9.2	92		9.4	94		70-130	2		20
1,3-Dichlorobenzene	ND	10	8.8	88		9.0	90		70-130	2		20
1,4-Dichlorobenzene	ND	10	8.8	88		9.1	91		70-130	3		20
Methyl tert butyl ether	ND	10	9.0	90		9.5	95		63-130	5		20
p/m-Xylene	ND	20	16	80		17	85		70-130	6		20
o-Xylene	ND	20	16	80		17	85		70-130	6		20
cis-1,2-Dichloroethene	ND	10	9.0	90		9.2	92		70-130	2		20
Styrene	ND	20	15	75		15	75		70-130	0		20
Dichlorodifluoromethane	ND	10	8.6	86		8.8	88		36-147	2		20
Acetone	ND	10	11	110		12	120		58-148	9		20
Carbon disulfide	ND	10	10	100		10	100		51-130	0		20
2-Butanone	ND	10	9.2	92		10	100		63-138	8		20
4-Methyl-2-pentanone	ND	10	8.6	86		10	100		59-130	15		20
2-Hexanone	ND	10	8.7	87		8.8	88		57-130	1		20
Bromochloromethane	ND	10	8.5	85		9.1	91		70-130	7		20
1,2-Dibromoethane	ND	10	10	100		11	110		70-130	10		20
1,2-Dibromo-3-chloropropane	ND	10	11	110		12	120		41-144	9		20
Isopropylbenzene	ND	10	8.5	85		8.6	86		70-130	1		20
1,2,3-Trichlorobenzene	ND	10	9.0	90		9.7	97		70-130	7		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG2084241-6 WG2084241-7 QC Sample: L2538382-06 Client ID: MW-12D												
1,2,4-Trichlorobenzene	ND	10	8.6	86		9.2	92		70-130	7		20
Methyl Acetate	ND	10	8.4	84		8.4	84		70-130	0		20
Cyclohexane	ND	10	7.3J	73		7.8J	78		70-130	7		20
Freon-113	ND	10	9.4	94		9.6	96		70-130	2		20
Methyl cyclohexane	ND	10	6.8J	68	Q	7.6J	76		70-130	11		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,2-Dichloroethane-d4	100		98		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	100		98		70-130
Toluene-d8	104		101		70-130

SEMIVOLATILES

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-01
 Client ID: MW-8S
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 09:00
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/21/25 11:27
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-01**Date Collected:** 06/18/25 09:00**Client ID:** MW-8S**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	85		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-01
 Client ID: MW-8S
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 09:00
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/27/25 17:35
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-01

Date Collected: 06/18/25 09:00

Client ID: MW-8S

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	59		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-02
 Client ID: MW-8D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 09:05
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/21/25 11:49
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-02**Date Collected:** 06/18/25 09:05**Client ID:** MW-8D**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	80		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-02
 Client ID: MW-8D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 09:05
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/27/25 17:52
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-02

Date Collected: 06/18/25 09:05

Client ID: MW-8D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	77		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-03
 Client ID: MW-5D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 10:30
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/21/25 12:11
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-03**Date Collected:** 06/18/25 10:30**Client ID:** MW-5D**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	87		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-03
 Client ID: MW-5D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 10:30
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/27/25 18:09
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-03

Date Collected: 06/18/25 10:30

Client ID: MW-5D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	83		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-04
 Client ID: PZ-5
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 10:45
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/21/25 12:34
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-04**Date Collected:** 06/18/25 10:45**Client ID:** PZ-5**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	76		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-04
 Client ID: PZ-5
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 10:45
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/27/25 18:26
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-04

Date Collected: 06/18/25 10:45

Client ID: PZ-5

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	95		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-05
 Client ID: MW-12S
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 13:20
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/21/25 12:56
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-05**Date Collected:** 06/18/25 13:20**Client ID:** MW-12S**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	87		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-05
 Client ID: MW-12S
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 13:20
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/27/25 18:42
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-05

Date Collected: 06/18/25 13:20

Client ID: MW-12S

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	77		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-06
 Client ID: MW-12D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 13:22
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/21/25 13:18
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-06**Date Collected:** 06/18/25 13:22**Client ID:** MW-12D**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	85		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-06
 Client ID: MW-12D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 13:22
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/27/25 18:59
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-06

Date Collected: 06/18/25 13:22

Client ID: MW-12D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	78		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-07
 Client ID: DUP_06182025
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 12:00
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 06/21/25 14:26
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS****Lab ID:** L2538382-07**Date Collected:** 06/18/25 12:00**Client ID:** DUP_06182025**Date Received:** 06/18/25**Sample Location:** 416 MILLER PLACE-YAPHANK RD.**Field Prep:** Refer to COC**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	82		41-149

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-07
 Client ID: DUP_06182025
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/18/25 12:00
 Date Received: 06/18/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/27/25 19:16
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-07

Date Collected: 06/18/25 12:00

Client ID: DUP_06182025

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	78		41-149

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/25 09:58
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2081606-1					
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65



Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/25 09:58
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2081606-1					
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	82		41-149

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/25 16:45
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-07 Batch: WG2081607-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/25 16:45
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/20/25 17:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-07 Batch: WG2081607-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	39		10-120
4-Terphenyl-d14	77		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2081606-2 WG2081606-3								
3,3'-Dichlorobenzidine	73		67		40-140	9		30
2,4-Dinitrotoluene	91		77		48-143	17		30
2,6-Dinitrotoluene	91		80		40-140	13		30
4-Chlorophenyl phenyl ether	75		66		40-140	13		30
4-Bromophenyl phenyl ether	82		74		40-140	10		30
Bis(2-chloroisopropyl)ether	72		58		40-140	22		30
Bis(2-chloroethoxy)methane	77		65		40-140	17		30
Hexachlorocyclopentadiene	29	Q	27	Q	40-140	7		30
Isophorone	76		71		40-140	7		30
Nitrobenzene	81		66		40-140	20		30
NDPA/DPA	81		75		40-140	8		30
n-Nitrosodi-n-propylamine	82		73		29-132	12		30
Bis(2-ethylhexyl)phthalate	79		70		40-140	12		30
Butyl benzyl phthalate	95		78		40-140	20		30
Di-n-butylphthalate	80		71		40-140	12		30
Di-n-octylphthalate	82		71		40-140	14		30
Diethyl phthalate	84		73		40-140	14		30
Dimethyl phthalate	91		82		40-140	10		30
Biphenyl	76		68		40-140	11		30
4-Chloroaniline	75		54		40-140	33	Q	30
2-Nitroaniline	94		82		52-143	14		30
3-Nitroaniline	85		76		25-145	11		30
4-Nitroaniline	96		83		51-143	15		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2081606-2 WG2081606-3								
Dibenzofuran	76		64		40-140	17		30
1,2,4,5-Tetrachlorobenzene	76		65		2-134	16		30
Acetophenone	92		78		39-129	16		30
2,4,6-Trichlorophenol	97		90		30-130	7		30
p-Chloro-m-cresol	92		86		23-97	7		30
2-Chlorophenol	82		67		27-123	20		30
2,4-Dichlorophenol	91		84		30-130	8		30
2,4-Dimethylphenol	79		68		30-130	15		30
2-Nitrophenol	88		79		30-130	11		30
4-Nitrophenol	65		56		10-80	15		30
2,4-Dinitrophenol	70		62		20-130	12		30
4,6-Dinitro-o-cresol	81		64		20-164	23		30
Phenol	44		40		12-110	10		30
2-Methylphenol	80		67		30-130	18		30
3-Methylphenol/4-Methylphenol	75		68		30-130	10		30
2,4,5-Trichlorophenol	102		97		30-130	5		30
Carbazole	87		77		55-144	12		30
Atrazine	92		86		40-140	7		30
Benzaldehyde	84		73		40-140	14		30
Caprolactam	37		36		10-130	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2081606-2 WG2081606-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		46		21-120
Phenol-d6	45		38		10-120
Nitrobenzene-d5	85		71		23-120
2-Fluorobiphenyl	82		70		15-120
2,4,6-Tribromophenol	114		88		10-120
4-Terphenyl-d14	88		76		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 Batch: WG2081607-2 WG2081607-3								
Acenaphthene	81		70		40-140	15		40
2-Chloronaphthalene	75		66		40-140	13		40
Fluoranthene	84		75		40-140	11		40
Hexachlorobutadiene	50		44		40-140	13		40
Naphthalene	71		62		40-140	14		40
Benzo(a)anthracene	99		88		40-140	12		40
Benzo(a)pyrene	102		91		40-140	11		40
Benzo(b)fluoranthene	111		99		40-140	11		40
Benzo(k)fluoranthene	104		95		40-140	9		40
Chrysene	97		87		40-140	11		40
Acenaphthylene	82		73		40-140	12		40
Anthracene	85		74		40-140	14		40
Benzo(ghi)perylene	108		97		40-140	11		40
Fluorene	84		73		40-140	14		40
Phenanthrene	85		76		40-140	11		40
Dibenzo(a,h)anthracene	101		90		40-140	12		40
Indeno(1,2,3-cd)pyrene	102		93		40-140	9		40
Pyrene	81		73		40-140	10		40
2-Methylnaphthalene	72		64		40-140	12		40
Pentachlorophenol	88		76		40-140	15		40
Hexachlorobenzene	72		60		40-140	18		40
Hexachloroethane	55		50		40-140	10		40
Bis(2-chloroethyl)ether	84		75		40-140	11		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 Batch: WG2081607-2 WG2081607-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		54		21-120
Phenol-d6	47		41		10-120
Nitrobenzene-d5	77		69		23-120
2-Fluorobiphenyl	85		73		15-120
2,4,6-Tribromophenol	71		60		10-120
4-Terphenyl-d14	79		69		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2081606-4 WG2081606-5 QC Sample: L2538382-06 Client ID: MW-12D												
3,3'-Dichlorobenzidine	ND	20	13	65		13	65		40-140	0		30
2,4-Dinitrotoluene	ND	20	17	85		16	80		48-143	6		30
2,6-Dinitrotoluene	ND	20	16	80		17	85		40-140	6		30
4-Chlorophenyl phenyl ether	ND	20	14	70		14	70		40-140	0		30
4-Bromophenyl phenyl ether	ND	20	15	75		14	70		40-140	7		30
Bis(2-chloroisopropyl)ether	ND	20	13	65		12	60		40-140	8		30
Bis(2-chloroethoxy)methane	ND	20	15	75		13	65		40-140	14		30
Hexachlorocyclopentadiene	ND	20	5.3J	27	Q	5.0J	25	Q	40-140	6		30
Isophorone	ND	20	14	70		13	65		40-140	7		30
Nitrobenzene	ND	20	14	70		13	65		40-140	7		30
NDPA/DPA	ND	20	14	70		14	70		40-140	0		30
n-Nitrosodi-n-propylamine	ND	20	16	80		14	70		29-132	13		30
Bis(2-ethylhexyl)phthalate	ND	20	16	80		15	75		40-140	6		30
Butyl benzyl phthalate	ND	20	17	85		16	80		40-140	6		30
Di-n-butylphthalate	ND	20	15	75		14	70		40-140	7		30
Di-n-octylphthalate	ND	20	16	80		15	75		40-140	6		30
Diethyl phthalate	ND	20	15	75		15	75		40-140	0		30
Dimethyl phthalate	ND	20	17	85		16	80		40-140	6		30
Biphenyl	ND	20	14	70		13	65		40-140	7		30
4-Chloroaniline	ND	20	13	65		12	60		40-140	8		30
2-Nitroaniline	ND	20	18	90		17	85		52-143	6		30
3-Nitroaniline	ND	20	16	80		14	70		25-145	13		30
4-Nitroaniline	ND	20	18	90		18	90		51-143	0		30

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2081606-4 WG2081606-5 QC Sample: L2538382-06 Client ID: MW-12D												
Dibenzofuran	ND	20	14	70		13	65		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	20	14	70		12	60		2-134	15		30
Acetophenone	ND	20	17	85		16	80		39-129	6		30
2,4,6-Trichlorophenol	ND	20	18	90		16	80		30-130	12		30
p-Chloro-m-cresol	ND	20	17	85		16	80		23-97	6		30
2-Chlorophenol	ND	20	15	75		14	70		27-123	7		30
2,4-Dichlorophenol	ND	20	17	85		15	75		30-130	13		30
2,4-Dimethylphenol	ND	20	12	60		10	50		30-130	18		30
2-Nitrophenol	ND	20	16	80		15	75		30-130	6		30
4-Nitrophenol	ND	20	12	60		12	60		10-80	0		30
2,4-Dinitrophenol	ND	20	13.J	65		14.J	70		20-130	7		30
4,6-Dinitro-o-cresol	ND	20	15	75		15	75		20-164	0		30
Phenol	ND	20	8.0	40		7.8	39		12-110	3		30
2-Methylphenol	ND	20	14	70		12	60		30-130	15		30
3-Methylphenol/4-Methylphenol	ND	20	15	75		12	60		30-130	22		30
2,4,5-Trichlorophenol	ND	20	21	110		18	90		30-130	15		30
Carbazole	ND	20	16	80		15	75		55-144	6		30
Atrazine	ND	20	17	85		17	85		40-140	0		30
Benzaldehyde	ND	20	17	85		14	70		40-140	19		30
Caprolactam	ND	20	6.1J	31		5.6J	28		10-130	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2081606-4 WG2081606-5 QC Sample: L2538382-06
Client ID: MW-12D

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	98		97		10-120
2-Fluorobiphenyl	74		69		15-120
2-Fluorophenol	53		48		21-120
4-Terphenyl-d14	82		81		41-149
Nitrobenzene-d5	70		65		23-120
Phenol-d6	44		37		10-120

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2081607-4 WG2081607-5 QC Sample: L2538382-06 Client ID: MW-12D												
Acenaphthene	ND	20	15	75		15	75		40-140	0		40
2-Chloronaphthalene	ND	20	14	70		14	70		40-140	0		40
Fluoranthene	ND	20	16	80		16	80		40-140	0		40
Hexachlorobutadiene	ND	20	9.0	45		8.5	43		40-140	6		40
Naphthalene	ND	20	13	65		13	65		40-140	0		40
Benzo(a)anthracene	ND	20	19	95		19	95		40-140	0		40
Benzo(a)pyrene	ND	20	20	100		20	100		40-140	0		40
Benzo(b)fluoranthene	ND	20	22	110		22	110		40-140	0		40
Benzo(k)fluoranthene	ND	20	21	110		21	110		40-140	0		40
Chrysene	ND	20	19	95		19	95		40-140	0		40
Acenaphthylene	ND	20	16	80		16	80		40-140	0		40
Anthracene	ND	20	16	80		16	80		40-140	0		40
Benzo(ghi)perylene	ND	20	21	110		21	110		40-140	0		40
Fluorene	ND	20	16	80		16	80		40-140	0		40
Phenanthrene	ND	20	16	80		16	80		40-140	0		40
Dibenzo(a,h)anthracene	ND	20	20	100		19	95		40-140	5		40
Indeno(1,2,3-cd)pyrene	ND	20	20	100		20	100		40-140	0		40
Pyrene	ND	20	15	75		16	80		40-140	6		40
2-Methylnaphthalene	ND	20	14	70		13	65		40-140	7		40
Pentachlorophenol	ND	20	18	90		17	85		40-140	6		40
Hexachlorobenzene	ND	20	14	70		14	70		40-140	0		40
Hexachloroethane	ND	20	10	50		9.2	46		40-140	8		40
Bis(2-chloroethyl)ether	ND	20	17	85		16	80		40-140	6		40

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2081607-4 WG2081607-5 QC Sample: L2538382-06 Client ID: MW-12D

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	67		69		10-120
2-Fluorobiphenyl	81		80		15-120
2-Fluorophenol	60		62		21-120
4-Terphenyl-d14	73		76		41-149
Nitrobenzene-d5	75		72		23-120
Phenol-d6	46		48		10-120

METALS

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-01

Date Collected: 06/18/25 09:00

Client ID: MW-8S

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Barium, Total	0.0375		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Calcium, Total	12.9		mg/l	0.100	0.0350	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Magnesium, Total	6.06		mg/l	0.100	0.0153	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Manganese, Total	0.0904		mg/l	0.0100	0.0016	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/26/25 20:23	06/27/25 09:10	EPA 245.1	3,245.1	CME
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Potassium, Total	1.11	J	mg/l	2.50	0.237	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Sodium, Total	8.61		mg/l	2.00	0.120	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0024	J	mg/l	0.0050	0.0021	1	06/26/25 19:04	06/27/25 09:13	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Barium, Dissolved	0.0362		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-01

Date Collected: 06/18/25 09:00

Client ID: MW-8S

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Calcium, Dissolved	12.0		mg/l	0.100	0.0350	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Magnesium, Dissolved	5.91		mg/l	0.100	0.0153	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Manganese, Dissolved	0.0821		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/20/25 11:39	06/23/25 19:07	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Potassium, Dissolved	1.11	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Sodium, Dissolved	8.18		mg/l	2.00	0.120	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/27/25 19:41	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-02

Date Collected: 06/18/25 09:05

Client ID: MW-8D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Barium, Total	0.0323		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Calcium, Total	13.2		mg/l	0.100	0.0350	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Magnesium, Total	6.12		mg/l	0.100	0.0153	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/26/25 20:23	06/27/25 09:20	EPA 245.1	3,245.1	CME
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Potassium, Total	1.26	J	mg/l	2.50	0.237	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Sodium, Total	18.0		mg/l	2.00	0.120	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0021	J	mg/l	0.0050	0.0021	1	06/26/25 19:04	06/27/25 09:20	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Barium, Dissolved	0.0303		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-02

Date Collected: 06/18/25 09:05

Client ID: MW-8D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Calcium, Dissolved	12.0		mg/l	0.100	0.0350	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Magnesium, Dissolved	5.86		mg/l	0.100	0.0153	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/20/25 11:39	06/23/25 19:10	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Potassium, Dissolved	1.23	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Sodium, Dissolved	16.9		mg/l	2.00	0.120	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/27/25 19:45	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-03

Date Collected: 06/18/25 10:30

Client ID: MW-5D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Barium, Total	0.0500		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Calcium, Total	16.5		mg/l	0.100	0.0350	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Magnesium, Total	7.56		mg/l	0.100	0.0153	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/26/25 20:23	06/27/25 09:23	EPA 245.1	3,245.1	CME
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Potassium, Total	1.35	J	mg/l	2.50	0.237	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Sodium, Total	20.7		mg/l	2.00	0.120	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Zinc, Total	ND		mg/l	0.0050	0.0021	1	06/26/25 19:04	06/27/25 10:42	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Barium, Dissolved	0.0462		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-03

Date Collected: 06/18/25 10:30

Client ID: MW-5D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Calcium, Dissolved	14.8		mg/l	0.100	0.0350	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Magnesium, Dissolved	7.11		mg/l	0.100	0.0153	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/20/25 11:39	06/23/25 19:13	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Potassium, Dissolved	1.30	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Sodium, Dissolved	19.1		mg/l	2.00	0.120	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/27/25 19:48	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-04

Date Collected: 06/18/25 10:45

Client ID: PZ-5

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Barium, Total	0.0231		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Calcium, Total	32.5		mg/l	0.100	0.0350	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Magnesium, Total	7.45		mg/l	0.100	0.0153	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/26/25 20:23	06/27/25 09:26	EPA 245.1	3,245.1	CME
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Potassium, Total	1.19	J	mg/l	2.50	0.237	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Sodium, Total	2.36		mg/l	2.00	0.120	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Zinc, Total	ND		mg/l	0.0050	0.0021	1	06/26/25 19:04	06/27/25 10:35	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Barium, Dissolved	0.0304		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-04

Date Collected: 06/18/25 10:45

Client ID: PZ-5

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Calcium, Dissolved	12.0		mg/l	0.100	0.0350	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Magnesium, Dissolved	5.82		mg/l	0.100	0.0153	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/20/25 11:39	06/23/25 19:16	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Potassium, Dissolved	1.24	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Sodium, Dissolved	16.9		mg/l	2.00	0.120	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/27/25 20:21	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-05

Date Collected: 06/18/25 13:20

Client ID: MW-12S

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Barium, Total	0.0419		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Calcium, Total	7.12		mg/l	0.100	0.0350	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Magnesium, Total	2.77		mg/l	0.100	0.0153	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Manganese, Total	0.0184		mg/l	0.0100	0.0016	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/26/25 20:23	06/27/25 09:30	EPA 245.1	3,245.1	CME
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Potassium, Total	1.06	J	mg/l	2.50	0.237	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Sodium, Total	43.6		mg/l	2.00	0.120	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0036	J	mg/l	0.0050	0.0021	1	06/26/25 19:04	06/27/25 10:49	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Barium, Dissolved	0.0393		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-05

Date Collected: 06/18/25 13:20

Client ID: MW-12S

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Calcium, Dissolved	6.60		mg/l	0.100	0.0350	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Magnesium, Dissolved	2.61		mg/l	0.100	0.0153	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Manganese, Dissolved	0.0166		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/20/25 11:39	06/23/25 19:20	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Potassium, Dissolved	1.00	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Sodium, Dissolved	39.3		mg/l	2.00	0.120	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/27/25 20:11	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-06

Date Collected: 06/18/25 13:22

Client ID: MW-12D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0405	J	mg/l	0.100	0.0318	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Barium, Total	0.0401		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Calcium, Total	14.3		mg/l	0.100	0.0350	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Chromium, Total	0.0038	J	mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Iron, Total	0.0338	J	mg/l	0.0500	0.0090	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Magnesium, Total	5.84		mg/l	0.100	0.0153	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/26/25 20:23	06/27/25 09:00	EPA 245.1	3,245.1	CME
Nickel, Total	0.0033	J	mg/l	0.0250	0.0024	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Potassium, Total	1.15	J	mg/l	2.50	0.237	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Sodium, Total	15.5		mg/l	2.00	0.120	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0156		mg/l	0.0050	0.0021	1	06/26/25 19:04	06/27/25 09:33	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Barium, Dissolved	0.0366		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-06

Date Collected: 06/18/25 13:22

Client ID: MW-12D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Calcium, Dissolved	12.8		mg/l	0.100	0.0350	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Chromium, Dissolved	0.0037	J	mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Magnesium, Dissolved	5.44		mg/l	0.100	0.0153	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/20/25 11:39	06/23/25 18:57	EPA 245.1	3,245.1	CME
Nickel, Dissolved	0.0039	J	mg/l	0.0250	0.0024	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Potassium, Dissolved	1.11	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Sodium, Dissolved	14.3		mg/l	2.00	0.120	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM
Zinc, Dissolved	0.0118		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/27/25 19:25	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-07

Date Collected: 06/18/25 12:00

Client ID: DUP_06182025

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Barium, Total	0.0424		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Calcium, Total	7.38		mg/l	0.100	0.0350	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Magnesium, Total	2.81		mg/l	0.100	0.0153	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Manganese, Total	0.0184		mg/l	0.0100	0.0016	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/26/25 20:23	06/27/25 09:33	EPA 245.1	3,245.1	CME
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Potassium, Total	1.04	J	mg/l	2.50	0.237	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Sodium, Total	43.0		mg/l	2.00	0.120	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Zinc, Total	0.0021	J	mg/l	0.0050	0.0021	1	06/26/25 19:04	06/27/25 11:20	EPA 3005A	19,200.7	DMC
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Barium, Dissolved	0.0406		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2538382-07

Date Collected: 06/18/25 12:00

Client ID: DUP_06182025

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Calcium, Dissolved	6.82		mg/l	0.100	0.0350	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Magnesium, Dissolved	2.66		mg/l	0.100	0.0153	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Manganese, Dissolved	0.0201		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/20/25 11:39	06/23/25 19:23	EPA 245.1	3,245.1	CME
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Potassium, Dissolved	1.05	J	mg/l	2.50	0.237	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Sodium, Dissolved	40.3		mg/l	2.00	0.120	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/27/25 20:14	EPA 3005A	19,200.7	EFM



Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-07 Batch: WG2081457-1										
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Barium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Calcium, Dissolved	ND		mg/l	0.100	0.0350	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Magnesium, Dissolved	ND		mg/l	0.100	0.0153	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Potassium, Dissolved	ND		mg/l	2.50	0.237	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Sodium, Dissolved	ND		mg/l	2.00	0.120	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/20/25 11:06	06/26/25 16:49	19,200.7	DMC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-07 Batch: WG2081458-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/20/25 11:39	06/23/25 18:13	3,245.1	CME



Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 245.1

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG2084038-1									
Aluminum, Total	ND	mg/l	0.100	0.0318	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Antimony, Total	ND	mg/l	0.0500	0.0071	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Arsenic, Total	ND	mg/l	0.0050	0.0019	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Barium, Total	ND	mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Beryllium, Total	ND	mg/l	0.0050	0.0009	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Cadmium, Total	ND	mg/l	0.0050	0.0010	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Calcium, Total	ND	mg/l	0.100	0.0350	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Chromium, Total	ND	mg/l	0.0100	0.0021	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Cobalt, Total	ND	mg/l	0.0200	0.0017	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Copper, Total	ND	mg/l	0.0100	0.0022	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Iron, Total	ND	mg/l	0.0500	0.0090	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Lead, Total	ND	mg/l	0.0100	0.0027	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Magnesium, Total	ND	mg/l	0.100	0.0153	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Manganese, Total	ND	mg/l	0.0100	0.0016	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Nickel, Total	ND	mg/l	0.0250	0.0024	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Potassium, Total	ND	mg/l	2.50	0.237	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Selenium, Total	ND	mg/l	0.0100	0.0035	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Silver, Total	ND	mg/l	0.0070	0.0028	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Sodium, Total	ND	mg/l	2.00	0.120	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Thallium, Total	ND	mg/l	0.0200	0.0025	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Vanadium, Total	ND	mg/l	0.0100	0.0020	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC
Zinc, Total	ND	mg/l	0.0050	0.0021	1	06/26/25 19:04	06/27/25 09:00	19,200.7	DMC

Prep Information

Digestion Method: EPA 3005A



Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG2084039-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/26/25 20:23	06/27/25 08:53	3,245.1	CME

Prep Information

Digestion Method: EPA 245.1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2081457-2								
Aluminum, Dissolved	107		-		85-115	-		
Antimony, Dissolved	93		-		85-115	-		
Arsenic, Dissolved	96		-		85-115	-		
Barium, Dissolved	101		-		85-115	-		
Beryllium, Dissolved	99		-		85-115	-		
Cadmium, Dissolved	94		-		85-115	-		
Calcium, Dissolved	104		-		85-115	-		
Chromium, Dissolved	102		-		85-115	-		
Cobalt, Dissolved	100		-		85-115	-		
Copper, Dissolved	100		-		85-115	-		
Iron, Dissolved	99		-		85-115	-		
Lead, Dissolved	96		-		85-115	-		
Magnesium, Dissolved	103		-		85-115	-		
Manganese, Dissolved	100		-		85-115	-		
Nickel, Dissolved	92		-		85-115	-		
Potassium, Dissolved	115		-		85-115	-		
Selenium, Dissolved	103		-		85-115	-		
Silver, Dissolved	104		-		85-115	-		
Sodium, Dissolved	112		-		85-115	-		
Thallium, Dissolved	93		-		85-115	-		
Vanadium, Dissolved	100		-		85-115	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2081457-2					
Zinc, Dissolved	99	-	85-115	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2081458-2					
Mercury, Dissolved	100	-	85-115	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2084038-2					
Aluminum, Total	110	-	85-115	-	
Antimony, Total	95	-	85-115	-	
Arsenic, Total	108	-	85-115	-	
Barium, Total	112	-	85-115	-	
Beryllium, Total	111	-	85-115	-	
Cadmium, Total	97	-	85-115	-	
Calcium, Total	110	-	85-115	-	
Chromium, Total	110	-	85-115	-	
Cobalt, Total	109	-	85-115	-	
Copper, Total	110	-	85-115	-	
Iron, Total	113	-	85-115	-	
Lead, Total	105	-	85-115	-	
Magnesium, Total	110	-	85-115	-	
Manganese, Total	112	-	85-115	-	
Nickel, Total	105	-	85-115	-	
Potassium, Total	115	-	85-115	-	
Selenium, Total	107	-	85-115	-	
Silver, Total	113	-	85-115	-	
Sodium, Total	115	-	85-115	-	
Thallium, Total	105	-	85-115	-	
Vanadium, Total	110	-	85-115	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2084038-2					
Zinc, Total	109	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2084039-2					
Mercury, Total	90	-	85-115	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2081457-3 QC Sample: L2535446-01 Client ID: MS Sample												
Aluminum, Dissolved	60.1	2	64.4	215	Q	-	-		75-125	-		20
Antimony, Dissolved	ND	0.5	0.632	126	Q	-	-		75-125	-		20
Arsenic, Dissolved	0.036	0.12	0.171	113		-	-		75-125	-		20
Barium, Dissolved	0.172	2	2.24	103		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.0508	102		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.053	0.0448	84		-	-		75-125	-		20
Calcium, Dissolved	229	10	244	150	Q	-	-		75-125	-		20
Chromium, Dissolved	0.733	0.2	0.936	102		-	-		75-125	-		20
Cobalt, Dissolved	0.031	0.5	0.466	87		-	-		75-125	-		20
Copper, Dissolved	0.0190	0.25	0.298	112		-	-		75-125	-		20
Iron, Dissolved	377	1	389	1200	Q	-	-		75-125	-		20
Lead, Dissolved	ND	0.53	0.507	96		-	-		75-125	-		20
Magnesium, Dissolved	44.3	10	52.7	84		-	-		75-125	-		20
Manganese, Dissolved	6.16	0.5	6.81	130	Q	-	-		75-125	-		20
Nickel, Dissolved	0.560	0.5	1.11	110		-	-		75-125	-		20
Potassium, Dissolved	125	10	140	150	Q	-	-		75-125	-		20
Selenium, Dissolved	0.020	0.12	0.174	128	Q	-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.0561	112		-	-		75-125	-		20
Sodium, Dissolved	54.2	10	64.9	107		-	-		75-125	-		20
Thallium, Dissolved	ND	0.12	0.0450	38	Q	-	-		75-125	-		20
Vanadium, Dissolved	0.074	0.5	0.574	100		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control**Project Name:** CORAM MATERIALS**Project Number:** 2232.0006Y005**Lab Number:** L2538382**Report Date:** 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2081457-3 QC Sample: L2535446-01 Client ID: MS Sample									
Zinc, Dissolved	3.08	0.5	3.58	100	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2081457-7 WG2081457-8 QC Sample: L2538382-06 Client ID: MW-12D									
Aluminum, Dissolved	ND	2	2.02	101	2.03	102	75-125	0	20
Antimony, Dissolved	ND	0.5	0.378	76	0.399	80	75-125	5	20
Arsenic, Dissolved	ND	0.12	0.116	97	0.116	97	75-125	0	20
Barium, Dissolved	0.0366	2	1.97	97	2.00	98	75-125	2	20
Beryllium, Dissolved	ND	0.05	0.0483	97	0.0488	98	75-125	1	20
Cadmium, Dissolved	ND	0.053	0.0464	88	0.0471	89	75-125	1	20
Calcium, Dissolved	12.8	10	21.6	88	22.2	94	75-125	3	20
Chromium, Dissolved	0.0037J	0.2	0.197	98	0.198	99	75-125	1	20
Cobalt, Dissolved	ND	0.5	0.462	92	0.468	94	75-125	1	20
Copper, Dissolved	ND	0.25	0.241	96	0.244	98	75-125	1	20
Iron, Dissolved	ND	1	0.974	97	0.982	98	75-125	1	20
Lead, Dissolved	ND	0.53	0.505	95	0.513	97	75-125	2	20
Magnesium, Dissolved	5.44	10	14.9	95	15.2	98	75-125	2	20
Manganese, Dissolved	ND	0.5	0.472	94	0.476	95	75-125	1	20
Nickel, Dissolved	0.0039J	0.5	0.480	96	0.485	97	75-125	1	20
Potassium, Dissolved	1.11J	10	11.4	114	11.7	117	75-125	3	20
Selenium, Dissolved	ND	0.12	0.116	97	0.117	98	75-125	1	20
Silver, Dissolved	ND	0.05	0.0515	103	0.0515	103	75-125	0	20
Sodium, Dissolved	14.3	10	24.3	100	24.9	106	75-125	2	20
Thallium, Dissolved	ND	0.12	0.116	97	0.118	98	75-125	2	20
Vanadium, Dissolved	ND	0.5	0.482	96	0.486	97	75-125	1	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2081457-7 WG2081457-8 QC Sample: L2538382-06 Client ID: MW-12D									
Zinc, Dissolved	0.0118	0.5	0.482	94	0.491	96	75-125	2	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2081458-3 WG2081458-4 QC Sample: L2538382-06 Client ID: MW-12D									
Mercury, Dissolved	ND	0.005	0.00477	95	0.00485	97	75-125	2	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2084038-7 WG2084038-8 QC Sample: L2538382-06 Client ID: MW-12D									
Aluminum, Total	0.0405J	2	2.25	112	2.41	120	75-125	7	20
Antimony, Total	ND	0.5	0.446	89	0.477	95	75-125	7	20
Arsenic, Total	ND	0.12	0.121	101	0.119	99	75-125	2	20
Barium, Total	0.0401	2	2.12	104	2.26	111	75-125	6	20
Beryllium, Total	ND	0.05	0.0521	104	0.0556	111	75-125	6	20
Cadmium, Total	ND	0.053	0.0479	90	0.0514	97	75-125	7	20
Calcium, Total	14.3	10	24.1	98	24.3	100	75-125	1	20
Chromium, Total	0.0038J	0.2	0.204	102	0.221	110	75-125	8	20
Cobalt, Total	ND	0.5	0.503	101	0.542	108	75-125	7	20
Copper, Total	ND	0.25	0.260	104	0.276	110	75-125	6	20
Iron, Total	0.0338J	1	1.08	108	1.16	116	75-125	7	20
Lead, Total	ND	0.53	0.509	96	0.507	96	75-125	0	20
Magnesium, Total	5.84	10	15.8	100	15.8	100	75-125	0	20
Manganese, Total	ND	0.5	0.522	104	0.559	112	75-125	7	20
Nickel, Total	0.0033J	0.5	0.486	97	0.518	104	75-125	6	20
Potassium, Total	1.15J	10	11.8	118	12.0	120	75-125	2	20
Selenium, Total	ND	0.12	0.121	101	0.122	102	75-125	1	20
Silver, Total	ND	0.05	0.0528	106	0.0569	114	75-125	7	20
Sodium, Total	15.5	10	26.3	108	26.3	108	75-125	0	20
Thallium, Total	ND	0.12	0.115	96	0.115	96	75-125	0	20
Vanadium, Total	ND	0.5	0.509	102	0.546	109	75-125	7	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07			QC Batch ID: WG2084038-7		WG2084038-8	QC Sample: L2538382-06		Client ID: MW-12D	
Zinc, Total	0.0156	0.5	0.511	99	0.554	108	75-125	8	20
Total Metals - Mansfield Lab Associated sample(s): 01-07			QC Batch ID: WG2084039-3		WG2084039-4	QC Sample: L2538382-06		Client ID: MW-12D	
Mercury, Total	ND	0.01	0.00892	89	0.00891	89	70-130	0	20
Total Metals - Mansfield Lab Associated sample(s): 01-07			QC Batch ID: WG2084039-5		QC Sample: L2536636-01		Client ID: MS Sample		
Mercury, Total	ND	0.005	0.00416	83	-	-	70-130	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2081457-4 QC Sample: L2535446-01 Client ID: DUP Sample						
Copper, Dissolved	0.0190	0.0190	mg/l	0		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2084039-6 QC Sample: L2536636-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Serial Dilution
Analysis
Batch Quality Control

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2084038-10 QC Sample: L2538382-06 Client ID: MW-12D						
Calcium, Total	14.3	14.3	mg/l	0		20
Magnesium, Total	5.84	5.94	mg/l	2		20



INORGANICS & MISCELLANEOUS

Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538382-01

Date Collected: 06/18/25 09:00

Client ID: MW-8S

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/26/25 05:47	121,2320B	MRM
Alkalinity, Bicarbonate	26.1		mg CaCO3/L	2.00	NA	1	-	06/26/25 05:47	121,2320B	MRM
Solids, Total Dissolved	100		mg/l	13	4.0	1.3	-	06/24/25 01:31	121,2540C	DEW
Chloride	12.		mg/l	1.0	0.89	1	-	06/26/25 09:11	121,4500CL-E	MRM
Fluoride	0.04	J	mg/l	0.20	0.01	1	06/23/25 00:41	06/23/25 05:53	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/20/25 03:23	121,4500NO3-F	KAF
Nitrogen, Nitrate	2.13		mg/l	0.100	0.022	1	-	06/20/25 03:23	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	2.1		mg/l	0.10	0.046	1	-	06/20/25 03:23	121,4500NO3-F	KAF
Total Nitrogen	2.1		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	0.133	J	mg/l	0.300	0.066	1	06/25/25 22:19	06/26/25 17:13	121,4500NH3-H	AT
Phosphate, Total	0.378		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:30	121,4500P-E(M)	MEF
Sulfate	23.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.076		mg/l	0.050	0.013	1	-	06/26/25 17:49	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538382-02

Date Collected: 06/18/25 09:05

Client ID: MW-8D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/26/25 05:54	121,2320B	MRM
Alkalinity, Bicarbonate	22.6		mg CaCO3/L	2.00	NA	1	-	06/26/25 05:54	121,2320B	MRM
Solids, Total Dissolved	140		mg/l	13	4.0	1.3	-	06/24/25 01:31	121,2540C	DEW
Chloride	28.		mg/l	1.0	0.89	1	-	06/26/25 09:12	121,4500CL-E	MRM
Fluoride	0.03	J	mg/l	0.20	0.01	1	06/23/25 00:41	06/23/25 05:53	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/20/25 03:24	121,4500NO3-F	KAF
Nitrogen, Nitrate	4.39		mg/l	0.100	0.022	1	-	06/20/25 03:24	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	4.4		mg/l	0.10	0.046	1	-	06/20/25 03:24	121,4500NO3-F	KAF
Total Nitrogen	4.4		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	0.142	J	mg/l	0.300	0.066	1	06/25/25 22:19	06/26/25 17:14	121,4500NH3-H	AT
Phosphate, Total	0.031		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:31	121,4500P-E(M)	MEF
Sulfate	16.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.054		mg/l	0.050	0.013	1	-	06/26/25 18:02	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538382-03

Date Collected: 06/18/25 10:30

Client ID: MW-5D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/26/25 05:56	121,2320B	MRM
Alkalinity, Bicarbonate	32.1		mg CaCO3/L	2.00	NA	1	-	06/26/25 05:56	121,2320B	MRM
Solids, Total Dissolved	160		mg/l	13	4.0	1.3	-	06/24/25 01:31	121,2540C	DEW
Chloride	28.		mg/l	1.0	0.89	1	-	06/26/25 09:12	121,4500CL-E	MRM
Fluoride	0.04	J	mg/l	0.20	0.01	1	06/23/25 00:41	06/23/25 05:53	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/20/25 03:25	121,4500NO3-F	KAF
Nitrogen, Nitrate	6.72		mg/l	0.100	0.022	1	-	06/20/25 03:25	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	6.7		mg/l	0.10	0.046	1	-	06/20/25 03:25	121,4500NO3-F	KAF
Total Nitrogen	6.7		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/25/25 22:19	06/26/25 17:15	121,4500NH3-H	AT
Phosphate, Total	0.212		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:31	121,4500P-E(M)	MEF
Sulfate	18.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.068		mg/l	0.050	0.013	1	-	06/26/25 18:14	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538382-04

Date Collected: 06/18/25 10:45

Client ID: PZ-5

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/26/25 05:58	121,2320B	MRM
Alkalinity, Bicarbonate	92.0		mg CaCO3/L	2.00	NA	1	-	06/26/25 05:58	121,2320B	MRM
Solids, Total Dissolved	120		mg/l	13	4.0	1.3	-	06/24/25 01:31	121,2540C	DEW
Chloride	3.1		mg/l	1.0	0.89	1	-	06/26/25 09:29	121,4500CL-E	MRM
Fluoride	0.04	J	mg/l	0.20	0.01	1	06/23/25 00:41	06/23/25 05:53	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/20/25 03:26	121,4500NO3-F	KAF
Nitrogen, Nitrate	1.36		mg/l	0.100	0.022	1	-	06/20/25 03:26	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	1.4		mg/l	0.10	0.046	1	-	06/20/25 03:26	121,4500NO3-F	KAF
Total Nitrogen	1.4		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	0.185	J	mg/l	0.300	0.066	1	06/25/25 22:19	06/26/25 17:16	121,4500NH3-H	AT
Phosphate, Total	0.065		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:34	121,4500P-E(M)	MEF
Sulfate	11.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.040	J	mg/l	0.050	0.013	1	-	06/26/25 18:26	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538382-05

Date Collected: 06/18/25 13:20

Client ID: MW-12S

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/26/25 06:01	121,2320B	MRM
Alkalinity, Bicarbonate	30.0		mg CaCO3/L	2.00	NA	1	-	06/26/25 06:01	121,2320B	MRM
Solids, Total Dissolved	170		mg/l	13	4.0	1.3	-	06/24/25 01:31	121,2540C	DEW
Chloride	45.		mg/l	1.0	0.89	1	-	06/26/25 09:29	121,4500CL-E	MRM
Fluoride	0.03	J	mg/l	0.20	0.01	1	06/23/25 00:41	06/23/25 05:53	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/20/25 03:27	121,4500NO3-F	KAF
Nitrogen, Nitrate	3.75		mg/l	0.100	0.022	1	-	06/20/25 03:27	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	3.8		mg/l	0.10	0.046	1	-	06/20/25 03:27	121,4500NO3-F	KAF
Total Nitrogen	3.8		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/25/25 22:19	06/26/25 17:17	121,4500NH3-H	AT
Phosphate, Total	0.080		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:35	121,4500P-E(M)	MEF
Sulfate	11.		mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	ND		mg/l	0.050	0.013	1	-	06/26/25 18:38	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538382-06

Date Collected: 06/18/25 13:22

Client ID: MW-12D

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/26/25 06:03	121,2320B	MRM
Alkalinity, Bicarbonate	26.9		mg CaCO3/L	2.00	NA	1	-	06/26/25 06:03	121,2320B	MRM
Solids, Total Dissolved	130		mg/l	13	4.0	1.3	-	06/24/25 01:31	121,2540C	DEW
Chloride	18.		mg/l	1.0	0.89	1	-	06/26/25 09:30	121,4500CL-E	MRM
Fluoride	0.04	J	mg/l	0.20	0.01	1	06/24/25 01:47	06/24/25 05:38	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/20/25 03:32	121,4500NO3-F	KAF
Nitrogen, Nitrate	4.46		mg/l	0.100	0.022	1	-	06/20/25 03:32	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	4.5		mg/l	0.10	0.046	1	-	06/20/25 03:32	121,4500NO3-F	KAF
Total Nitrogen	4.5		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	ND		mg/l	0.300	0.066	1	06/25/25 22:19	06/26/25 17:18	121,4500NH3-H	AT
Phosphate, Total	0.037		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:36	121,4500P-E(M)	MEF
Sulfate	19.		mg/l	10	1.4	1	06/26/25 14:00	06/26/25 14:00	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.069		mg/l	0.050	0.013	1	-	06/26/25 18:50	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

SAMPLE RESULTS

Lab ID: L2538382-07

Date Collected: 06/18/25 12:00

Client ID: DUP_06182025

Date Received: 06/18/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/26/25 06:06	121,2320B	MRM
Alkalinity, Bicarbonate	26.7		mg CaCO3/L	2.00	NA	1	-	06/26/25 06:06	121,2320B	MRM
Solids, Total Dissolved	170		mg/l	13	4.0	1.3	-	06/24/25 01:31	121,2540C	DEW
Chloride	40.		mg/l	1.0	0.89	1	-	06/26/25 09:32	121,4500CL-E	MRM
Fluoride	0.02	J	mg/l	0.20	0.01	1	06/23/25 00:41	06/23/25 05:53	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/20/25 03:35	121,4500NO3-F	KAF
Nitrogen, Nitrate	3.88		mg/l	0.100	0.022	1	-	06/20/25 05:30	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	3.9		mg/l	0.10	0.046	1	-	06/20/25 05:30	121,4500NO3-F	KAF
Total Nitrogen	3.9		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	0.151	J	mg/l	0.300	0.066	1	06/26/25 22:15	06/27/25 22:24	121,4500NH3-H	MRM
Phosphate, Total	0.052		mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:38	121,4500P-E(M)	MEF
Sulfate	9.8	J	mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.046	J	mg/l	0.050	0.013	1	-	06/26/25 19:26	44,300.0	CVN



Project Name: CORAM MATERIALS

Lab Number: L2538382

Project Number: 2232.0006Y005

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2081255-1										
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/20/25 02:56	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2081258-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	06/20/25 03:04	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2081262-1										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	06/20/25 03:04	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-05,07 Batch: WG2082083-1										
Fluoride	ND		mg/l	0.20	0.01	1	06/23/25 00:41	06/23/25 05:53	121,4500F-BC	DTH
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2082473-1										
Phosphate, Total	0.015	J	mg/l	0.031	0.012	1	06/24/25 14:24	06/24/25 15:11	121,4500P-E(M)	MEF
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2082534-1										
Solids, Total Dissolved	ND		mg/l	10	3.1	1	-	06/24/25 01:31	121,2540C	DEW
General Chemistry - Westborough Lab for sample(s): 06 Batch: WG2082536-1										
Fluoride	ND		mg/l	0.20	0.01	1	06/24/25 01:47	06/24/25 05:38	121,4500F-BC	DTH
General Chemistry - Westborough Lab for sample(s): 01-05,07 Batch: WG2082652-1										
Sulfate	1.9	J	mg/l	10	1.4	1	06/24/25 10:40	06/24/25 10:40	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 06 Batch: WG2083248-1										
Sulfate	2.0	J	mg/l	10	1.4	1	06/26/25 14:00	06/26/25 14:00	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2083445-1										
Nitrogen, Total Kjeldahl	0.110	J	mg/l	0.300	0.022	1	06/25/25 22:19	06/26/25 16:59	121,4500NH3-H	AT
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2083602-1										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/26/25 06:15	121,2320B	MRM
Alkalinity, Bicarbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/26/25 06:15	121,2320B	MRM
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG2083612-1										
Chloride	ND		mg/l	1.0	0.89	1	-	06/26/25 05:28	121,4500CL-E	MRM
General Chemistry - Westborough Lab for sample(s): 07 Batch: WG2083974-1										
Nitrogen, Total Kjeldahl	0.083	J	mg/l	0.100	0.022	.3333333	06/26/25 22:15	06/27/25 22:12	121,4500NH3-H	MRM
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-07 Batch: WG2083987-1										
Bromide	ND		mg/l	0.050	0.013	1	-	06/26/25 15:00	44,300.0	CVN



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2081255-2								
Nitrogen, Nitrite	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2081258-2								
Nitrogen, Nitrate	101		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2081262-2								
Nitrogen, Nitrate/Nitrite	100		-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-05,07 Batch: WG2082083-2								
Fluoride	85		-		78-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2082473-2								
Phosphate, Total	103		-		84-118	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2082534-2								
Solids, Total Dissolved	97		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG2082536-2								
Fluoride	86		-		78-120	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05,07 Batch: WG2082652-2					
Sulfate	105	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG2083248-2					
Sulfate	95	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2083445-2					
Nitrogen, Total Kjeldahl	90	-	78-122	-	
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2083612-2					
Chloride	97	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 07 Batch: WG2083974-2					
Nitrogen, Total Kjeldahl	96	-	78-122	-	
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-07 Batch: WG2083987-2					
Bromide	94	-	90-110	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2081255-4			QC Sample: L2538382-06			Client ID: MW-12D		
Nitrogen, Nitrite	ND	4	4.16	104		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2081258-4			QC Sample: L2538382-06			Client ID: MW-12D		
Nitrogen, Nitrate	4.46	4	8.29	96		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2081262-4			QC Sample: L2538382-06			Client ID: MW-12D		
Nitrogen, Nitrate/Nitrite	4.5	4	8.3	95		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-05,07				QC Batch ID: WG2082083-4			QC Sample: L2536247-12			Client ID: MS Sample		
Fluoride	0.03J	1	0.99	99		-	-		69-124	-		13
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2082473-4			QC Sample: L2538013-01			Client ID: MS Sample		
Phosphate, Total	0.095	1.53	1.69	104		-	-		80-120	-		15
General Chemistry - Westborough Lab Associated sample(s): 01-07				QC Batch ID: WG2082473-6			QC Sample: L2538382-06			Client ID: MW-12D		
Phosphate, Total	0.037	1.53	1.61	103		-	-		80-120	-		15
General Chemistry - Westborough Lab Associated sample(s): 06				QC Batch ID: WG2082536-4			QC Sample: L2538382-06			Client ID: MW-12D		
Fluoride	0.04J	1	0.99	99		-	-		69-124	-		13
General Chemistry - Westborough Lab Associated sample(s): 01-05,07				QC Batch ID: WG2082652-4			QC Sample: L2538013-01			Client ID: MS Sample		
Sulfate	43.	100	150	104		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 06				QC Batch ID: WG2083248-4			QC Sample: L2538382-06			Client ID: MW-12D		
Sulfate	19.	40	60	102		-	-		55-147	-		14

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits		
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2083445-4 QC Sample: L2538382-06 Client ID: MW-12D											
Nitrogen, Total Kjeldahl	ND	8	7.04	88	-	-	77-111	-	24		
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2083612-4 QC Sample: L2538382-06 Client ID: MW-12D											
Chloride	18.	20	38	100	-	-	58-140	-	7		
General Chemistry - Westborough Lab Associated sample(s): 07 QC Batch ID: WG2083974-4 QC Sample: L2534995-01 Client ID: MS Sample											
Nitrogen, Total Kjeldahl	0.426	8	8.58	102	-	-	77-111	-	24		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2083987-3 QC Sample: L2539898-04 Client ID: M Sample											
Bromide	ND	0.4	0.376	94	-	-	90-110	-	20		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2083987-5 WG2083987-6 QC Sample: L2538382-06 Client ID: MW-12D											
Bromide	0.069	0.4	0.394	80	Q	0.394	80	Q	90-110	0	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2081255-3	QC Sample: L2538382-06	Client ID: MW-12D		
Nitrogen, Nitrite	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2081258-3	QC Sample: L2538382-06	Client ID: MW-12D		
Nitrogen, Nitrate	4.46	4.45	mg/l	0		17
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2081262-3	QC Sample: L2538382-06	Client ID: MW-12D		
Nitrogen, Nitrate/Nitrite	4.5	4.4	mg/l	2		20
General Chemistry - Westborough Lab	Associated sample(s): 01-05,07	QC Batch ID: WG2082083-3	QC Sample: L2536247-12	Client ID: DUP Sample		
Fluoride	0.03J	0.03J	mg/l	NC		13
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2082473-3	QC Sample: L2538013-01	Client ID: DUP Sample		
Phosphate, Total	0.095	0.089	mg/l	7		15
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2082473-5	QC Sample: L2538382-06	Client ID: MW-12D		
Phosphate, Total	0.037	0.040	mg/l	8		15
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2082534-3	QC Sample: L2538382-05	Client ID: MW-12S		
Solids, Total Dissolved	170	170	mg/l	0		10
General Chemistry - Westborough Lab	Associated sample(s): 01-07	QC Batch ID: WG2082534-4	QC Sample: L2538382-06	Client ID: MW-12D		
Solids, Total Dissolved	130	130	mg/l	0		10
General Chemistry - Westborough Lab	Associated sample(s): 06	QC Batch ID: WG2082536-3	QC Sample: L2538382-06	Client ID: MW-12D		
Fluoride	0.04J	0.04J	mg/l	NC		13

Lab Duplicate Analysis *Batch Quality Control*

Project Name: CORAM MATERIALS

Project Number: 2232.0006Y005

Lab Number: L2538382

Report Date: 07/02/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05,07 QC Batch ID: WG2082652-3 QC Sample: L2538013-01 Client ID: DUP Sample					
Sulfate	43.	41	mg/l	5	14
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG2083248-3 QC Sample: L2538382-06 Client ID: MW-12D					
Sulfate	19.	18	mg/l	5	14
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2083445-3 QC Sample: L2538382-06 Client ID: MW-12D					
Nitrogen, Total Kjeldahl	ND	0.146J	mg/l	NC	24
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2083602-2 QC Sample: L2538382-06 Client ID: MW-12D					
Alkalinity, Carbonate	ND	ND	mg CaCO3/L	NC	10
Alkalinity, Bicarbonate	26.9	27.6	mg CaCO3/L	3	9
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2083612-3 QC Sample: L2538382-06 Client ID: MW-12D					
Chloride	18.	17	mg/l	6	7
General Chemistry - Westborough Lab Associated sample(s): 07 QC Batch ID: WG2083974-3 QC Sample: L2534995-01 Client ID: DUP Sample					
Nitrogen, Total Kjeldahl	0.426	0.466	mg/l	9	24
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2083987-4 QC Sample: L2539898-04 Client ID: DUP Sample					
Bromide	ND	ND	mg/l	NC	20

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538382-01A	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-01B	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-01C	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		ZN-RI(180),FE-RI(180),SE-RI(180),K-RI(180),BE-RI(180),AL-RI(180),MG-RI(180),MN-RI(180),TL-RI(180),CO-RI(180),CU-RI(180),SB-RI(180),CA-RI(180),BA-RI(180),AG-RI(180),NI-RI(180),HG-R(28),CR-RI(180),NA-RI(180),AS-RI(180),CD-RI(180),PB-RI(180),V-RI(180)
L2538382-01E	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		SB-UI(180),NI-UI(180),BA-UI(180),AG-UI(180),CA-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),AL-UI(180),MN-UI(180),BE-UI(180),NA-UI(180),CR-UI(180),CU-UI(180),PB-UI(180),AS-UI(180),TL-UI(180),V-UI(180)
L2538382-01F	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-01G	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-01H	Plastic 250ml Zn Acetate/NaOH preserved	A	7	>9	3.7	N	Absent		SUB-SULFIDE(7)
L2538382-01I	Plastic 250ml Zn Acetate/NaOH preserved	A	7	>9	3.7	N	Absent		SUB-SULFIDE(7)
L2538382-01J	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538382-01K	Plastic 250ml unpreserved	D	7	7	4.8	Y	Absent		SUB-IODIDE(7)

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Serial_No: 07022517:29
Lab Number: L2538382
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538382-01L	Plastic 250ml H2SO4 preserved split	A	<2	<2	3.7	Y	Absent		SUB-AMMONIUM(28)
L2538382-01M	Plastic 950ml unpreserved	A	7	7	3.7	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538382-01N	Amber 950ml H2SO4 preserved	A	<2	<2	3.7	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538382-01O	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		ARCHIVE()
L2538382-02A	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-02B	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-02C	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-02D	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		ZN-RI(180),FE-RI(180),BE-RI(180),K-RI(180),SE-RI(180),AL-RI(180),MG-RI(180),TL-RI(180),MN-RI(180),SB-RI(180),CU-RI(180),CO-RI(180),CA-RI(180),BA-RI(180),AG-RI(180),NI-RI(180),HG-R(28),CR-RI(180),NA-RI(180),PB-RI(180),CD-RI(180),V-RI(180),AS-RI(180)
L2538382-02E	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		SB-UI(180),NI-UI(180),BA-UI(180),CA-UI(180),ZN-UI(180),AG-UI(180),K-UI(180),CO-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),BE-UI(180),CR-UI(180),MN-UI(180),AL-UI(180),NA-UI(180),TL-UI(180),V-UI(180),CU-UI(180),PB-UI(180),AS-UI(180)
L2538382-02F	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-02G	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-02H	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SUB-SULFIDE(7)
L2538382-02I	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SUB-SULFIDE(7)
L2538382-02J	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538382-02K	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SUB-IODIDE(7)
L2538382-02L	Plastic 250ml H2SO4 preserved split	A	<2	<2	3.7	Y	Absent		SUB-AMMONIUM(28)
L2538382-02M	Plastic 950ml unpreserved	A	7	7	3.7	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),TDS-2540(7),BR-300(28)

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Serial_No:07022517:29
Lab Number: L2538382
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538382-02N	Amber 950ml H2SO4 preserved	A	<2	<2	3.7	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538382-02O	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		ARCHIVE()
L2538382-03A	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-03B	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-03C	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-03D	Plastic 250ml HNO3 preserved	B	<2	<2	5.2	Y	Absent		ZN-RI(180),FE-RI(180),K-RI(180),BE-RI(180),SE-RI(180),AL-RI(180),MG-RI(180),MN-RI(180),TL-RI(180),CO-RI(180),CU-RI(180),SB-RI(180),BA-RI(180),CA-RI(180),AG-RI(180),HG-R(28),NI-RI(180),CR-RI(180),PB-RI(180),NA-RI(180),V-RI(180),AS-RI(180),CD-RI(180)
L2538382-03E	Plastic 250ml HNO3 preserved	B	<2	<2	5.2	Y	Absent		BA-UI(180),SB-UI(180),NI-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),K-UI(180),CO-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR-UI(180),MN-UI(180),BE-UI(180),AL-UI(180),NA-UI(180),CU-UI(180),PB-UI(180),AS-UI(180),V-UI(180),TL-UI(180)
L2538382-03F	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-03G	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-03H	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	5.2	Y	Absent		SUB-SULFIDE(7)
L2538382-03I	Plastic 250ml Zn Acetate/NaOH preserved	B	7	>9	5.2	N	Absent		SUB-SULFIDE(7)
L2538382-03J	Plastic 250ml unpreserved/No Headspace	B	NA		5.2	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538382-03K	Plastic 250ml unpreserved	D	7	7	4.8	Y	Absent		SUB-IODIDE(7)
L2538382-03L	Plastic 250ml H2SO4 preserved split	A	<2	<2	3.7	Y	Absent		SUB-AMMONIUM(28)
L2538382-03M	Plastic 950ml unpreserved	A	7	7	3.7	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538382-03N	Amber 950ml H2SO4 preserved	A	<2	<2	3.7	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538382-03O	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		ARCHIVE()
L2538382-04A	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)

Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Serial_No: 07022517:29
Lab Number: L2538382
Report Date: 07/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538382-04B	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-04C	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-04D	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-RI(180),ZN-RI(180),K-RI(180),SE-RI(180),BE-RI(180),AL-RI(180),MG-RI(180),MN-RI(180),TL-RI(180),CO-RI(180),SB-RI(180),CU-RI(180),CA-RI(180),BA-RI(180),CR-RI(180),NI-RI(180),AG-RI(180),HG-R(28),NA-RI(180),AS-RI(180),PB-RI(180),CD-RI(180),V-RI(180)
L2538382-04E	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),AG-UI(180),CA-UI(180),ZN-UI(180),CO-UI(180),K-UI(180),SE-UI(180),MG-UI(180),FE-UI(180),HG-U(28),CD-UI(180),BE-UI(180),CR-UI(180),AL-UI(180),NA-UI(180),MN-UI(180),AS-UI(180),CU-UI(180),PB-UI(180),TL-UI(180),V-UI(180)
L2538382-04F	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-04G	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-04H	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SUB-SULFIDE(7)
L2538382-04I	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	3.7	Y	Absent		SUB-SULFIDE(7)
L2538382-04J	Plastic 250ml unpreserved/No Headspace	A	NA		3.7	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538382-04K	Plastic 250ml unpreserved	A	7	7	3.7	Y	Absent		SUB-IODIDE(7)
L2538382-04L	Plastic 250ml H2SO4 preserved split	A	<2	<2	3.7	Y	Absent		SUB-AMMONIUM(28)
L2538382-04M	Plastic 950ml unpreserved	A	7	7	3.7	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538382-04N	Amber 950ml H2SO4 preserved	A	<2	<2	3.7	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538382-04O	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		ARCHIVE()
L2538382-05A	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-05B	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-05C	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538382-05D	Plastic 250ml HNO3 preserved	C	<2	<2	5.0	Y	Absent		ZN-RI(180),FE-RI(180),BE-RI(180),K-RI(180),SE-RI(180),AL-RI(180),MG-RI(180),TL-RI(180),MN-RI(180),CU-RI(180),CO-RI(180),SB-RI(180),CA-RI(180),BA-RI(180),CR-RI(180),HG-R(28),NI-RI(180),AG-RI(180),V-RI(180),CD-RI(180),AS-RI(180),PB-RI(180),NA-RI(180)
L2538382-05E	Plastic 250ml HNO3 preserved	C	<2	<2	5.0	Y	Absent		SB-UI(180),BA-UI(180),NI-UI(180),ZN-UI(180),CA-UI(180),AG-UI(180),CO-UI(180),K-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),NA-UI(180),CR-UI(180),CU-UI(180),TL-UI(180),AS-UI(180),PB-UI(180),V-UI(180)
L2538382-05F	Amber 100ml unpreserved	C	7	7	5.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-05G	Amber 100ml unpreserved	C	7	7	5.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-05H	Plastic 250ml Zn Acetate/NaOH preserved	C	7	>9	5.0	N	Absent		SUB-SULFIDE(7)
L2538382-05I	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	5.0	Y	Absent		SUB-SULFIDE(7)
L2538382-05J	Plastic 250ml unpreserved/No Headspace	C	NA		5.0	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538382-05K	Plastic 250ml unpreserved	C	7	7	5.0	Y	Absent		SUB-IODIDE(7)
L2538382-05L	Plastic 250ml H2SO4 preserved split	C	<2	<2	5.0	Y	Absent		SUB-AMMONIUM(28)
L2538382-05M	Plastic 950ml unpreserved	C	7	7	5.0	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538382-05N	Amber 950ml H2SO4 preserved	C	<2	<2	5.0	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538382-05O	Amber 250ml unpreserved	C	7	7	5.0	Y	Absent		ARCHIVE()
L2538382-06A	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-06A1	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-06A2	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-06B	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)
L2538382-06B1	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)
L2538382-06B2	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)
L2538382-06C	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)

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L2538382-06C1	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)
L2538382-06C2	Vial HCl preserved	B	NA		5.2	Y	Absent		NYTCL-8260(14)
L2538382-06D	Plastic 120ml HNO3 preserved Filtrates	B	NA		5.2	Y	Absent		FE-RI(180),K-RI(180),BE-RI(180),SE-RI(180),AL-RI(180),MG-RI(180),TL-RI(180),MN-RI(180),CU-RI(180),CO-RI(180),SB-RI(180),BA-RI(180),CA-RI(180),HG-R(28),NI-RI(180),CR-RI(180),AG-RI(180),V-RI(180),AS-RI(180),NA-RI(180),PB-RI(180),CD-RI(180)
L2538382-06D1	Plastic 120ml HNO3 preserved Filtrates	B	NA		5.2	Y	Absent		FE-RI(180),K-RI(180),BE-RI(180),SE-RI(180),AL-RI(180),MG-RI(180),TL-RI(180),MN-RI(180),CU-RI(180),CO-RI(180),SB-RI(180),BA-RI(180),CA-RI(180),HG-R(28),NI-RI(180),CR-RI(180),AG-RI(180),V-RI(180),AS-RI(180),NA-RI(180),PB-RI(180),CD-RI(180)
L2538382-06D2	Plastic 120ml HNO3 preserved Filtrates	B	NA		5.2	Y	Absent		FE-RI(180),K-RI(180),BE-RI(180),SE-RI(180),AL-RI(180),MG-RI(180),TL-RI(180),MN-RI(180),CU-RI(180),CO-RI(180),SB-RI(180),BA-RI(180),CA-RI(180),HG-R(28),NI-RI(180),CR-RI(180),AG-RI(180),V-RI(180),AS-RI(180),NA-RI(180),PB-RI(180),CD-RI(180)
L2538382-06E	Plastic 250ml HNO3 preserved	B	<2	<2	5.2	Y	Absent		NI-UI(180),BA-UI(180),SB-UI(180),ZN-RI(180),AG-UI(180),CA-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),NA-UI(180),CR-UI(180),AS-UI(180),V-UI(180),CU-UI(180),PB-UI(180),TL-UI(180)
L2538382-06E1	Plastic 250ml HNO3 preserved	B	<2	<2	5.2	Y	Absent		NI-UI(180),BA-UI(180),SB-UI(180),ZN-RI(180),AG-UI(180),CA-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),NA-UI(180),CR-UI(180),AS-UI(180),V-UI(180),CU-UI(180),PB-UI(180),TL-UI(180)

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L2538382-06E2	Plastic 250ml HNO3 preserved	B	<2	<2	5.2	Y	Absent		NI-UI(180),BA-UI(180),SB-UI(180),ZN-RI(180),AG-UI(180),CA-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),NA-UI(180),CR-UI(180),AS-UI(180),V-UI(180),CU-UI(180),PB-UI(180),TL-UI(180)
L2538382-06F	Amber 100ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-06F1	Amber 100ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-06F2	Amber 100ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-06G	Amber 100ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-06G1	Amber 100ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-06G2	Amber 100ml unpreserved	B	7	7	5.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-06H	Plastic 250ml Zn Acetate/NaOH preserved	B	8	>9	5.2	N	Absent		SUB-SULFIDE(7)
L2538382-06H1	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	5.2	Y	Absent		SUB-SULFIDE(7)
L2538382-06H2	Plastic 250ml Zn Acetate/NaOH preserved	B	7	>9	5.2	N	Absent		SUB-SULFIDE(7)
L2538382-06I	Plastic 250ml Zn Acetate/NaOH preserved	B	7	>9	5.2	N	Absent		SUB-SULFIDE(7)
L2538382-06I1	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	5.2	Y	Absent		SUB-SULFIDE(7)
L2538382-06I2	Plastic 250ml Zn Acetate/NaOH preserved	B	7	>9	5.2	N	Absent		SUB-SULFIDE(7)
L2538382-06J	Plastic 250ml unpreserved/No Headspace	B	NA		5.2	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538382-06J1	Plastic 250ml unpreserved/No Headspace	B	NA		5.2	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538382-06J2	Plastic 250ml unpreserved/No Headspace	B	NA		5.2	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538382-06K	Plastic 250ml unpreserved	B	7	7	5.2	Y	Absent		SUB-IODIDE(7)
L2538382-06K1	Plastic 250ml unpreserved	B	7	7	5.2	Y	Absent		SUB-IODIDE(7)
L2538382-06K2	Plastic 250ml unpreserved	B	7	7	5.2	Y	Absent		SUB-IODIDE(7)
L2538382-06L	Plastic 500ml unpreserved	B	7	7	5.2	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538382-06L1	Plastic 500ml unpreserved	B	7	7	5.2	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538382-06L2	Plastic 500ml unpreserved	B	7	7	5.2	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538382-06M	Plastic 250ml H2SO4 preserved split	B	<2	<2	5.2	Y	Absent		SUB-AMMONIUM(28)
L2538382-06M1	Plastic 250ml H2SO4 preserved split	B	<2	<2	5.2	Y	Absent		SUB-AMMONIUM(28)
L2538382-06M2	Plastic 250ml H2SO4 preserved split	B	<2	<2	5.2	Y	Absent		SUB-AMMONIUM(28)
L2538382-06N	Amber 950ml H2SO4 preserved	B	<2	<2	5.2	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538382-06N1	Amber 950ml H2SO4 preserved	B	<2	<2	5.2	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538382-06N2	Amber 950ml H2SO4 preserved	B	<2	<2	5.2	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538382-06O	Amber 250ml unpreserved	B	7	7	5.2	Y	Absent		ARCHIVE()
L2538382-06O1	Amber 250ml unpreserved	B	7	7	5.2	Y	Absent		ARCHIVE()
L2538382-06O2	Amber 250ml unpreserved	B	7	7	5.2	Y	Absent		ARCHIVE()
L2538382-07A	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-07B	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-07C	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-07D	Plastic 250ml HNO3 preserved	C	<2	<2	5.0	Y	Absent		FE-RI(180),ZN-RI(180),BE-RI(180),K-RI(180),SE-RI(180),MG-RI(180),AL-RI(180),MN-RI(180),TL-RI(180),CO-RI(180),SB-RI(180),CU-RI(180),BA-RI(180),CA-RI(180),CR-RI(180),AG-RI(180),NI-RI(180),HG-R(28),PB-RI(180),AS-RI(180),CD-RI(180),NA-RI(180),V-RI(180)
L2538382-07E	Plastic 250ml HNO3 preserved	C	<2	<2	5.0	Y	Absent		SB-UI(180),NI-UI(180),BA-UI(180),AG-UI(180),CA-UI(180),ZN-UI(180),CO-UI(180),K-UI(180),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),NA-UI(180),BE-UI(180),V-UI(180),CU-UI(180),AS-UI(180),TL-UI(180),PB-UI(180)
L2538382-07F	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538382-07G	Amber 100ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538382-07H	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	5.0	Y	Absent		SUB-SULFIDE(7)
L2538382-07I	Plastic 250ml Zn Acetate/NaOH preserved	C	>9	>9	5.0	Y	Absent		SUB-SULFIDE(7)
L2538382-07J	Plastic 250ml unpreserved/No Headspace	C	NA		5.0	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538382-07K	Plastic 250ml unpreserved	D	7	7	4.8	Y	Absent		SUB-IODIDE(7)
L2538382-07L	Plastic 250ml H2SO4 preserved split	A	<2	<2	3.7	Y	Absent		SUB-AMMONIUM(28)
L2538382-07M	Plastic 950ml unpreserved	A	7	7	3.7	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538382-07N	Amber 950ml H2SO4 preserved	A	<2	<2	3.7	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538382-07O	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		ARCHIVE()
L2538382-08A	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)
L2538382-08B	Vial HCl preserved	C	NA		5.0	Y	Absent		NYTCL-8260(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: CORAM MATERIALS
Project Number: 2232.0006Y005

Lab Number: L2538382
Report Date: 07/02/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: CORAM MATERIALS**Lab Number:** L2538382**Project Number:** 2232.0006Y005**Report Date:** 07/02/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.
- 19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 107 Calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 27

Published Date: 01/24/2025

Page 1 of 2

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLCID No.: **17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

 ALPHA ANALYTICAL	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 2	Date Rec'd in Lab 6/19/25	L2538382 ROUX - NY 								
		Project Information		Deliverables										
		Project Name: Coram Groundwater Event Project Location: 416 Miller Place-Yaphank Road Project # _____ (Use Project name as Project #) ☐		☐ ASP-A ☒ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) PO # _____ ☐ Other										
Client Information		Client: ROUX Env.Eng.&Geology, DPC Address: 209 Shafter Street Islandia, NY 11749-5074 Phone: 631-232-2600 Fax: _____ Email: aiervolino@rouxinc.com		Project Manager: Ashley Iervolino ALPHAQuote #: _____ Turn-Around Time Standard ☒ Due Date: _____ Rush (only if pre approved) ☐ # of Days: _____		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge								
Disposal Site Information		Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other: _____												
ANALYSIS		Sample Filtration		Total Bottles										
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: _____ Please specify Metals or TAL. _____		☒ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)												
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8270/SIM-RVT	TAL600/TAL-2007S	TDS-2540/TSS-2540	Cl-4500/Br-300	No3/No2-4500-PP/B	TOTALNITROGEN	Sample Specific Comments	
		Date	Time											
38382 -01	MW-8S	6/18/25	0900	AQ	Rm	X	X	X	X	X	X	X		14
-02	MW-8D		0905		Rm									14
-03	MW-5D		1030		Rm									14
-04	PZ-5		1045		Rm									14
-05	MW-12S		1320		Rm									14
-06	MW-12D		1322		Bw									14
-07	DUP-06182025		1200		Rm								MS/MSD triplicate	42
-08	Trip Blank			AQ										14
														2
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V A P A P A A		Preservative B A C A A D D		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S <u>TERMS & CONDITIONS.</u>				
Relinquished By: <i>Anthony Green</i> Date/Time: <i>6/18/25 1800</i> <i>6/18/25 8:11</i>		Received By: <i>Anthony Green</i> Date/Time: <i>6/18/25 1740</i> <i>JUN 18 2025 2115</i> <i>6/19 0350</i>												

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 2 of 2		Date Rec'd in Lab 6/19/25		ALPHA Job # L2538382																																																																																																																																																													
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[illegible]



Sample Delivery Group Summary

Pace Job Number : L2538382

Received : 18-JUN-2025

Reviewer : Geoffry Grace

Account Name : Roux Env. Eng. & Geology, DPC

Project Number : 2232.0006Y005

Project Name : CORAM MATERIALS

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.7	
B	Absent/	Ice	5.2	
C	Absent/	Ice	5.0	
D	Absent/	Ice	4.8	

Condition Information

1) All samples on COC received? **YES**

2) Extra samples received? **NO**

3) Are there any sample container discrepancies? **NO**

4) Are there any discrepancies between COC & sample labels? **NO**

5) Are samples in appropriate containers for requested analysis? **YES**

6) Are samples properly preserved for requested analysis? **NO**

Container	pH	Preservative Added	Final pH
L2538382-01H	7	NaOH	>9
L2538382-01I	7	NaOH	>9
L2538382-03I	7	NaOH	>9
L2538382-05H	7	NaOH	>9
L2538382-06H	8	NaOH	>9
L2538382-06H2	7	NaOH	>9
L2538382-06I	7	NaOH	>9
L2538382-06I2	7	NaOH	>9

Following containers were received with headspace: -05B

7) Are samples within holding time for requested analysis? **YES**



Sample Delivery Group Summary

Pace Job Number : L2538382

Received : 18-JUN-2025

Reviewer : Geoffry Grace

Account Name : Roux Env. Eng. & Geology, DPC

Project Number : 2232.0006Y005

Project Name : CORAM MATERIALS

8) All sampling equipment returned?

NA

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?

NO



June 25, 2025

Reports
Pace - West Borough
8 Walkup Drive
Westborough, MA 01581

RE: Project: L2538382
Pace Project No.: 70362344

Dear Reports:

Enclosed are the analytical results for sample(s) received by the laboratory on June 20, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brianna D. Rivera
brianna.rivera@pacelabs.com
516-370-6007
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: L2538382
Pace Project No.: 70362344

Pace Analytical Services, LLC - Melville, NY

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Texas Certification #: T104704582
Florida Certification #: E871198

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: L2538382

Pace Project No.: 70362344

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70362344001	MW-8S	Water	06/18/25 09:00	06/20/25 06:00
70362344002	MW-8D	Water	06/18/25 09:05	06/20/25 06:00
70362344003	MW-5D	Water	06/18/25 10:30	06/20/25 06:00
70362344004	PZ-5	Water	06/18/25 10:45	06/20/25 06:00
70362344005	MW-12S	Water	06/18/25 13:20	06/20/25 06:00
70362344006	MW-12D	Water	06/18/25 13:22	06/20/25 06:00
70362344007	DUP_06182025	Water	06/18/25 12:00	06/20/25 06:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: L2538382

Pace Project No.: 70362344

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70362344001	MW-8S	SM 4500-S2 F-2011	GEL	1
70362344002	MW-8D	SM 4500-S2 F-2011	GEL	1
70362344003	MW-5D	SM 4500-S2 F-2011	GEL	1
70362344004	PZ-5	SM 4500-S2 F-2011	GEL	1
70362344005	MW-12S	SM 4500-S2 F-2011	GEL	1
70362344006	MW-12D	SM 4500-S2 F-2011	GEL	1
70362344007	DUP_06182025	SM 4500-S2 F-2011	GEL	1

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: L2538382

Pace Project No.: 70362344

Sample: MW-8S		Lab ID: 70362344001		Collected: 06/18/25 09:00		Received: 06/20/25 06:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<2.0	mg/L	2.0	0.20	1		06/25/25 14:10		

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ANALYTICAL RESULTS

Project: L2538382
Pace Project No.: 70362344

Sample: MW-8D		Lab ID: 70362344002		Collected: 06/18/25 09:05		Received: 06/20/25 06:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<2.0	mg/L	2.0	0.20	1		06/25/25 14:15		

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ANALYTICAL RESULTS

Project: L2538382
Pace Project No.: 70362344

Sample: MW-5D		Lab ID: 70362344003		Collected: 06/18/25 10:30		Received: 06/20/25 06:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<2.0	mg/L	2.0	0.20	1		06/25/25 14:22		

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ANALYTICAL RESULTS

Project: L2538382
Pace Project No.: 70362344

Sample: PZ-5		Lab ID: 70362344004		Collected: 06/18/25 10:45		Received: 06/20/25 06:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<2.0	mg/L	2.0	0.20	1		06/25/25 14:57		

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ANALYTICAL RESULTS

Project: L2538382
Pace Project No.: 70362344

Sample: MW-12S		Lab ID: 70362344005		Collected: 06/18/25 13:20		Received: 06/20/25 06:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<2.0	mg/L	2.0	0.20	1		06/25/25 15:05		

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ANALYTICAL RESULTS

Project: L2538382

Pace Project No.: 70362344

Sample: MW-12D		Lab ID: 70362344006		Collected: 06/18/25 13:22		Received: 06/20/25 06:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<2.0	mg/L	2.0	0.20	1		06/25/25 15:11		M1

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ANALYTICAL RESULTS

Project: L2538382

Pace Project No.: 70362344

Sample: DUP_06182025		Lab ID: 70362344007		Collected: 06/18/25 12:00		Received: 06/20/25 06:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<2.0	mg/L	2.0	0.20	1		06/25/25 15:30		

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QUALITY CONTROL DATA

Project: L2538382

Pace Project No.: 70362344

QC Batch: 406223

Analysis Method: SM 4500-S2 F-2011

QC Batch Method: SM 4500-S2 F-2011

Analysis Description: 4500S2F W Sulfide Iodometric

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70362344001, 70362344002, 70362344003, 70362344004, 70362344005, 70362344006, 70362344007

METHOD BLANK: 2150349

Matrix: Water

Associated Lab Samples: 70362344001, 70362344002, 70362344003, 70362344004, 70362344005, 70362344006, 70362344007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	2.0	0.20	06/25/25 15:56	

LABORATORY CONTROL SAMPLE: 2150350

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	14	14.0	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2150351 2150352

Parameter	Units	70362344006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	<2.0	11.2	11.2	<2.0	<2.0	-1	-1	70-130		20	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: L2538382
Pace Project No.: 70362344

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L2538382

Pace Project No.: 70362344

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70362344001	MW-8S	SM 4500-S2 F-2011	406223		
70362344002	MW-8D	SM 4500-S2 F-2011	406223		
70362344003	MW-5D	SM 4500-S2 F-2011	406223		
70362344004	PZ-5	SM 4500-S2 F-2011	406223		
70362344005	MW-12S	SM 4500-S2 F-2011	406223		
70362344006	MW-12D	SM 4500-S2 F-2011	406223		
70362344007	DUP_06182025	SM 4500-S2 F-2011	406223		

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WO#: 70362344

70362344

Subcontract Chain of Custody

Pace Analytical (Melville)
575 Broad Hollow Road
Melville, NY 11747

Pace Job Number
L2538382

Page 1

Client Information				Project Information			Regulatory Requirements/Report Limits			
Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.couponhost.com Phone: 716.427.5228 Email: Jennifer.Byrnes@pacelabs.com				Project Location: NY Project Manager: Jennifer Byrnes			State/Federal Program: Regulatory Criteria:			
				Turnaround & Deliverables Information						
				Due Date: Deliverables: Subcontract - Data Deliverable Package			Report to MDL			
Project Specific Requirements and/or Report Requirements										
Reference following Pace Job Number on final report/deliverables: L2538382 Report to include Method and/or Regulatory required batch QC										
Additional Comments: REPORT TO MDL, ASP B Package TAT= 1-2 Days after final report per Mike Miller", needs NYSDEC Equis EDD										
Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count		
L2538382-01	MW-8S		06-18-25 09:00	WATER	Sulfide			2		
L2538382-02	MW-8D		06-18-25 09:05	WATER	Sulfide			2		
L2538382-03	MW-5D		06-18-25 10:30	WATER	Sulfide			2		
L2538382-04	PZ-5		06-18-25 10:45	WATER	Sulfide			2		
L2538382-05	MW-12S		06-18-25 13:20	WATER	Sulfide		MS,MSD	2		
L2538382-06	MW-12D		06-18-25 13:22	WATER	Sulfide			6		
L2538382-07	DUP_06182025		06-18-25 12:00	WATER	Sulfide			2		
Relinquished By:			Date/Time:			Received By:			Date/Time:	
			6/19/25 17:21 GHA						6/19/25 17:21	
115 6/20/25 6:00 									6/20/25 6:00	
Form No: AL_subcoc										

DC#_Title: ENV-FRM-MELV-0024 v07_SCUR

Effective Date: 4/12/2024

Client Name:

ALPHA

Project #

WO#: 70362344

PM: BDR

Due Date: 06/27/25

CLIENT: ALPHA

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No Temperature Blank Present: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other Type of Ice: ☒ Wet ☐ Blue ☐ NoneThermometer Used: HygCorrection Factor: R-2☐ Samples on ice, cooling process has begunCooler Temperature(°C): 0.4Cooler Temperature Corrected(°C): 0.6

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☒ N/A, water sample)Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ NoDid samples originate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: 6/20/25 CT

		COMMENTS:
Chain of Custody Present:	☒ Yes ☐ No	1.
Chain of Custody Filled Out:	☒ Yes ☐ No	2.
Chain of Custody Relinquished:	☒ Yes ☐ No	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☒ Yes ☐ No	8.
Correct Containers Used:	☒ Yes ☐ No	9.
-Pace Containers Used:	☒ Yes ☐ No	
Containers Intact:	☒ Yes ☐ No	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	11. Note: if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes ☐ No	12.
-Includes date/time/ID/Analysis Matrix:	SL WT ☒ OIL OTHER	

Date and Initials of person checking preservation: 6/20/25 CT

All containers needing preservation have been	☒ Yes ☐ No ☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot # <u>23124</u>		Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☒ Yes ☐ No ☐ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		Initial when completed: Lot # of added preservative: Date/Time preservative added:
Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
KI starch test strips Lot #		Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #		15.
SM 4500 CN samples checked for sulf	☐ Yes ☐ No ☒ N/A	Positive for Sulfide? Y N
Lead Acetate Strips Lot #		16.
Headspace in ALK Bottle (>6mm):	☐ Yes ☐ No ☒ N/A	17.
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM (Project Manager) review (which includes the SCUR) is documented electronically in LIMS.



July 01, 2025

Jennifer Byrnes
Pace MA
Eight Walkup Drive
Westborough, MA 01581

RE: Project: L2538382
Pace Project No.: 50405253

Dear Jennifer Byrnes:

Enclosed are the analytical results for sample(s) received by the laboratory on June 20, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tina Sayer
tina.sayer@pacelabs.com
(317)228-3127
Project Manager

Enclosures

cc: Pace MA, Pace MA



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: L2538382
Pace Project No.: 50405253

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076

Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

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SAMPLE SUMMARY

Project: L2538382

Pace Project No.: 50405253

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50405253001	MW-8S	Water	06/18/25 09:00	06/20/25 08:30
50405253002	MW-8D	Water	06/18/25 09:05	06/20/25 08:30
50405253003	MW-5D	Water	06/18/25 10:30	06/20/25 08:30
50405253004	PZ-5	Water	06/18/25 10:45	06/20/25 08:30
50405253005	MW-12S	Water	06/18/25 13:20	06/20/25 08:30
50405253006	MW-12D	Water	06/18/25 13:22	06/20/25 08:30
50405253007	DUP_06182025	Water	06/18/25 12:00	06/20/25 08:30

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SAMPLE ANALYTE COUNT

Project: L2538382

Pace Project No.: 50405253

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50405253001	MW-8S	EPA 9056	MTW	1
50405253002	MW-8D	EPA 9056	MTW	1
50405253003	MW-5D	EPA 9056	MTW	1
50405253004	PZ-5	EPA 9056	MTW	1
50405253005	MW-12S	EPA 9056	MTW	1
50405253006	MW-12D	EPA 9056	MTW	1
50405253007	DUP_06182025	EPA 9056	MTW	1

PASI-I = Pace Analytical Services - Indianapolis

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ANALYTICAL RESULTS

Project: L2538382

Pace Project No.: 50405253

Sample: MW-8S		Lab ID: 50405253001		Collected: 06/18/25 09:00		Received: 06/20/25 08:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/28/25 19:46		

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ANALYTICAL RESULTS

Project: L2538382

Pace Project No.: 50405253

Sample: MW-8D		Lab ID: 50405253002		Collected: 06/18/25 09:05		Received: 06/20/25 08:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/28/25 20:06		

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ANALYTICAL RESULTS

Project: L2538382

Pace Project No.: 50405253

Sample: MW-5D		Lab ID: 50405253003		Collected: 06/18/25 10:30		Received: 06/20/25 08:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/28/25 20:25		

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ANALYTICAL RESULTS

Project: L2538382

Pace Project No.: 50405253

Sample: PZ-5		Lab ID: 50405253004		Collected: 06/18/25 10:45		Received: 06/20/25 08:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/28/25 20:44		

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ANALYTICAL RESULTS

Project: L2538382

Pace Project No.: 50405253

Sample: MW-12S		Lab ID: 50405253005		Collected: 06/18/25 13:20		Received: 06/20/25 08:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/28/25 21:03		

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ANALYTICAL RESULTS

Project: L2538382

Pace Project No.: 50405253

Sample: MW-12D		Lab ID: 50405253006		Collected: 06/18/25 13:22		Received: 06/20/25 08:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/28/25 21:23		

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ANALYTICAL RESULTS

Project: L2538382
Pace Project No.: 50405253

Sample: DUP_06182025		Lab ID: 50405253007		Collected: 06/18/25 12:00		Received: 06/20/25 08:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/28/25 22:59		

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QUALITY CONTROL DATA

Project: L2538382
Pace Project No.: 50405253

QC Batch:	851349	Analysis Method:	EPA 9056
QC Batch Method:	EPA 9056	Analysis Description:	9056 Iodide by IC
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50405253001, 50405253002, 50405253003, 50405253004, 50405253005, 50405253006, 50405253007

METHOD BLANK:	3899525	Matrix:	Water
---------------	---------	---------	-------

Associated Lab Samples: 50405253001, 50405253002, 50405253003, 50405253004, 50405253005, 50405253006, 50405253007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iodide	mg/L	ND	0.50	0.15	06/29/25 01:14	

LABORATORY CONTROL SAMPLE: 3899526

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodide	mg/L	5	5.1	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3899527 3899528

Parameter	Units	50405253006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iodide	mg/L	ND	5	5	4.6	4.5	91	91	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: L2538382
Pace Project No.: 50405253

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L2538382

Pace Project No.: 50405253

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50405253001	MW-8S	EPA 9056	851349		
50405253002	MW-8D	EPA 9056	851349		
50405253003	MW-5D	EPA 9056	851349		
50405253004	PZ-5	EPA 9056	851349		
50405253005	MW-12S	EPA 9056	851349		
50405253006	MW-12D	EPA 9056	851349		
50405253007	DUP_06182025	EPA 9056	851349		

REPORT OF LABORATORY ANALYSIS

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WO# : 50405253



50405253

Page 1

		Subcontract Chain of Custody Pace Analytical (Indianapolis, IN) 7726 Moller Road Indianapolis, IN 46268						
Client Information Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.coupahost.com Phone: 716.427.5228 Email: Jennifer.Byrnes@pacelabs.com		Project Information Project Location: NY Project Manager: Jennifer Byrnes		Regulatory Requirements/Report Limits State/Federal Program: Regulatory Criteria: Report to MDL				
		Turnaround & Deliverables Information Due Date: Deliverables: Subcontract - Data Deliverable Package						
Project Specific Requirements and/or Report Requirements Reference following Pace Job Number on final report/deliverables: L2538382 Report to include Method and/or Regulatory required batch QC Additional Comments: Profile # 11706: needs L4 and EDD 265 NY EQUIS								
Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2538382-01 L2538382-02 L2538382-03 L2538382-04 L2538382-05 L2538382-06 L2538382-07	MW-8S MW-8D MW-5D PZ-5 MW-12S MW-12D DUP_06182025	06-18-25 09:00 06-18-25 09:05 06-18-25 10:30 06-18-25 10:45 06-18-25 13:20 06-18-25 13:22 06-18-25 12:00	WATER WATER WATER WATER WATER WATER WATER	Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056 Iodide EPA 9056		MS,MSD	1 1 1 1 1 3 1
Relinquished By:			Date/Time:		Received By:		Date/Time:	
 C. G. Goleau					 Felix			
 Felix			06/20/25 0830		 Felix		06/20/25 0830	
Form No: AL_subcoc								

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 6/20/25 1539-MDW

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G H I		3. Packing Material: Bubble Wrap Bubble Bags None Other _____	
2. Cooler Temperature(s): 2.2/2.0 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)		4. Ice Type: Wet Blue None	
3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No		5. Courier: Fed Ex UPS Client Pace Now/Jett Other	
Cooler temp should be above freezing to 6°C If the PM was contacted in the comments below please write how they instructed the project to proceed		6. Custody Seal on Cooler/Box Present: Yes No (If yes) Seals Intact: Yes No (leave blank if no seals were present)	

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form.			✓
Short Hold Time Analysis (48 hours or less)? Analysis:		✓				
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A
Rush TAT Requested (4 days or less):		✓	Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Custody Signatures Present?	✓		Headspace in VOA Vials (>6mm): See Container Count form for details	Present	Absent	No VOA Vials Sent
Containers Intact?:	✓		Trip Blank Present?		✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?:			✓
Comments:			Extra labels on Terracore Vials? (soils only)			

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers
that are out of conformance.**

COC Line Item	WG <u>F</u> U	WG <u>K</u> U	BG <u>1</u> U	MeOH (any)	VOA VIAL HS (≥6mm)	VG <u>9</u> U	DG <u>9</u> U	VG <u>9</u> T	AMBER GLASS							PLASTIC							OTHER				Matrix	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide ZnAc																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				SBS					AG <u>0</u> U	AG <u>1</u> H	AG <u>1</u> U	AG <u>3</u> U	AG <u>3</u> S	AG <u>3</u> SF	AG <u>3</u> B	BP <u>1</u> U	BP <u>1</u> N	BP <u>2</u> U	BP <u>3</u> U	BP <u>3</u> N	BP <u>3</u> F	BP <u>3</u> S	BP <u>3</u> B	BP <u>3</u> Z	CG <u>3</u> H	CG <u>3</u> F		Syringe Kit	Red	Yellow	Green	Black																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				DI																									HNO3 Δ2	H2SO4 Δ2	NaOH >10	NaOH/Zn Ac >9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	NT3U	Non Teflon 250mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4U	125mL unpreserved plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4N	125mL HNO3 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	BP4S	125mL H2SO4 plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac	Miscellaneous	
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic		
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	Syringe Kit	LL Cr+6 sampling kit
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	ZPLC	Ziploc Bag
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	R	Terracore Kit
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	SP5T	120mL Coliform Sodium Thiosulfate
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	GN	General Container
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	U	Summa Can (air sample)
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	WT	Water
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	SL	Solid
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	OL	Oil
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	NAL	Non-aqueous liquid
						WP	Wipe

Laboratory Report

Report prepared for:

Jennifer Byrnes
Pace Analytical Services, LLC
8 Walkup Drive
Westborough, MA 01581

Email: jennifer.byrnes@pacelabs.com, west.subreports@pacelabs.com

Report prepared by:

Debbie S Robertson

Purchase Order:**For further assistance, contact:**

Debbie S Robertson
Report Production Coordinator
2323 Sycamore Dr
Knoxville, TN 37921
(865) 546-1335
debbierobertson@galbraith.com

Sample: MW-8S L2538382					
Lab ID: 2025-W-1871		Received: 2025-06-20			
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	213.14 mg	2025-06-30

Sample: MW-8D L2538382					
Lab ID: 2025-W-1872		Received: 2025-06-20			
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.69 mg	2025-06-30

Sample: MW-5D L2538382					
Lab ID: 2025-W-1873		Received: 2025-06-20			
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.30 mg	2025-06-30

Sample: PZ-5 L2538382					
Lab ID: 2025-W-1874		Received: 2025-06-20			
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.71 mg	2025-06-30

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Sample: MW-12S L2538382		Received: 2025-06-20			
Lab ID: 2025-W-1875					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.63 mg	2025-06-30

Sample: MW-12D L2538382		Received: 2025-06-20			
Lab ID: 2025-W-1876					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.63 mg	2025-06-30

Sample: MW-12D +MS L2538382		Received: 2025-06-20			
Lab ID: 2025-W-1877					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.75 mg	2025-06-30

Sample: MW-12D +SD L2538382		Received: 2025-06-20			
Lab ID: 2025-W-1878					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.40 mg	2025-06-30

Sample: DUP_06182025 L2538382		Received: 2025-06-20			
Lab ID: 2025-W-1879					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.99 mg	2025-06-30

Signatures:

Published By: Debbie.S.Robertson
Created By: Debbie.S.Robertson

2025-07-02T20:05:35.63-04:00
2025-07-02T20:05:15.317-04:00

- Physical signatures are on file.
- "Published By" signature indicates authorized release of data.

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ANALYTICAL REPORT

Lab Number:	L2538805
Client:	Roux Env. Eng. & Geology, DPC 209 N. Shafter St. Islandia, NY 11749
ATTN:	Ashley Iervolino
Phone:	(631) 232-2600
Project Name:	CORAM GROUNDWATER EVENT
Project Number:	2232.0006Y005
Report Date:	07/03/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2538805-01	MW-4S	WATER	416 MILLER PLACE-YAPHANK RD.	06/19/25 11:10	06/19/25
L2538805-02	MW-4D2	WATER	416 MILLER PLACE-YAPHANK RD.	06/19/25 11:05	06/19/25
L2538805-03	SCDOH-DR	WATER	416 MILLER PLACE-YAPHANK RD.	06/19/25 10:00	06/19/25
L2538805-04	MW-10S	WATER	416 MILLER PLACE-YAPHANK RD.	06/19/25 08:38	06/19/25
L2538805-05	MW-10D	WATER	416 MILLER PLACE-YAPHANK RD.	06/19/25 08:50	06/19/25
L2538805-06	EQUIPMENT BLANK	EQUIPMENT BLANK	416 MILLER PLACE-YAPHANK RD.	06/19/25 12:00	06/19/25
L2538805-07	TRIP BLANK	TRIP BLANK (AQUEOUS)	416 MILLER PLACE-YAPHANK RD.	06/19/25 00:00	06/19/25

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Case Narrative (continued)

Report Submission

July 03, 2025: This final report includes the results of all requested analyses.

July 02, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analyses of Iodide, Sulfide, and Ammonium were subcontracted. Copies of the laboratory reports are included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Semivolatile Organics by SIM

The WG2081652-1 Method Blank associated with L2538805-01 through -06 has concentrations above the reporting limits for Acenaphthene and Fluorene. Since the associated sample concentrations are either greater than 10x the blank concentrations or non-detect to the RL for these target analytes, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 07/03/25

ORGANICS

VOLATILES

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-01
Client ID: MW-4S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:10
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/25/25 00:52
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-01
Client ID: MW-4S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:10
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	114		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-02
Client ID: MW-4D2
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:05
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/25/25 01:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-02
Client ID: MW-4D2
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:05
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	118		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-03
Client ID: SCDOH-DR
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 10:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/25/25 01:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-03
Client ID: SCDOH-DR
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 10:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	117		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-04
Client ID: MW-10S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:38
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/25/25 02:06
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-04
Client ID: MW-10S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:38
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	116		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-05
Client ID: MW-10D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:50
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/25/25 02:31
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-05
Client ID: MW-10D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:50
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	121		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-06
Client ID: EQUIPMENT BLANK
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 12:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Equipment Blank
Analytical Method: 1,8260D
Analytical Date: 06/25/25 02:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-06
Client ID: EQUIPMENT BLANK
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 12:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	121		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-07
Client ID: TRIP BLANK
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 00:00
Date Received: 06/19/25
Field Prep: None

Sample Depth:

Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260D
Analytical Date: 06/25/25 03:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-07
 Client ID: TRIP BLANK
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 00:00
 Date Received: 06/19/25
 Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	119		70-130

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/25/25 00:28
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2084006-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/25/25 00:28
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2084006-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/25/25 00:28
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2084006-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	116		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2084006-3 WG2084006-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		98		63-132	2		20
1,2-Dichloropropane	97		96		70-130	1		20
Dibromochloromethane	94		91		63-130	3		20
1,1,2-Trichloroethane	100		96		70-130	4		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		98		75-130	2		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	98		96		67-130	2		20
trans-1,3-Dichloropropene	90		91		70-130	1		20
cis-1,3-Dichloropropene	95		94		70-130	1		20
Bromoform	90		91		54-136	1		20
1,1,2,2-Tetrachloroethane	97		98		67-130	1		20
Benzene	98		97		70-130	1		20
Toluene	100		98		70-130	2		20
Ethylbenzene	97		97		70-130	0		20
Chloromethane	79		74		64-130	7		20
Bromomethane	95		88		39-139	8		20
Vinyl chloride	100		110		55-140	10		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2084006-3 WG2084006-4								
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	98		98		70-130	0		20
1,3-Dichlorobenzene	96		95		70-130	1		20
1,4-Dichlorobenzene	92		93		70-130	1		20
Methyl tert butyl ether	95		95		63-130	0		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	82		82		36-147	0		20
Acetone	100		100		58-148	0		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	85		89		63-138	5		20
4-Methyl-2-pentanone	89		91		59-130	2		20
2-Hexanone	69		69		57-130	0		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	97		96		70-130	1		20
1,2-Dibromo-3-chloropropane	100		98		41-144	2		20
Isopropylbenzene	88		88		70-130	0		20
1,2,3-Trichlorobenzene	96		98		70-130	2		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2084006-3 WG2084006-4								
1,2,4-Trichlorobenzene	93		94		70-130	1		20
Methyl Acetate	80		88		70-130	10		20
Cyclohexane	93		92		70-130	1		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	94		95		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		110		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	88		89		70-130
Dibromofluoromethane	106		105		70-130

SEMIVOLATILES

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-01
Client ID: MW-4S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:10
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/21/25 20:11
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-01
Client ID: MW-4S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:10
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	60		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-01
Client ID: MW-4S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:10
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/25 02:18
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.03	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-01
Client ID: MW-4S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:10
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	74		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-02
Client ID: MW-4D2
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:05
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/21/25 20:33
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-02
Client ID: MW-4D2
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:05
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	74		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-02
Client ID: MW-4D2
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:05
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/25 02:35
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-02
Client ID: MW-4D2
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:05
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	97		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-03
Client ID: SCDOH-DR
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 10:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/21/25 20:56
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-03
Client ID: SCDOH-DR
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 10:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	74		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-03
Client ID: SCDOH-DR
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 10:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/25 02:52
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.03	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-03
Client ID: SCDOH-DR
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 10:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	89		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-04
Client ID: MW-10S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:38
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/21/25 21:19
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-04
Client ID: MW-10S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:38
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	74		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-04
Client ID: MW-10S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:38
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/25 03:08
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-04
Client ID: MW-10S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:38
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	84		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-05
Client ID: MW-10D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:50
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/21/25 21:41
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-05
Client ID: MW-10D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:50
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	72		41-149

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-05
 Client ID: MW-10D
 Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:50
 Date Received: 06/19/25
 Field Prep: Refer to COC

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 06/27/25 03:25
 Analyst: SLR

Extraction Method: EPA 3510C
 Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-05
Client ID: MW-10D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:50
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	90		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-06
Client ID: EQUIPMENT BLANK
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 12:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Equipment Blank
Analytical Method: 1,8270E
Analytical Date: 06/21/25 22:04
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-06
Client ID: EQUIPMENT BLANK
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 12:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	77		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-06
Client ID: EQUIPMENT BLANK
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 12:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Matrix: Equipment Blank
Analytical Method: 1,8270E-SIM
Analytical Date: 06/27/25 03:42
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05	1

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-06
Client ID: EQUIPMENT BLANK
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 12:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	95		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/25 12:36
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2081650-1					
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/25 12:36
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG2081650-1					
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	84		41-149

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 06/23/25 12:23
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG2081652-1					
Acenaphthene	0.11		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.05	J	ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.07	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	0.04	J	ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	0.11		ug/l	0.10	0.03
Phenanthrene	0.10	J	ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	0.09	J	ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	0.05	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.05

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 06/23/25 12:23
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 06/21/25 02:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG2081652-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	98		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538805

Report Date: 07/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2081650-2 WG2081650-3								
3,3'-Dichlorobenzidine	47		60		40-140	24		30
2,4-Dinitrotoluene	86		73		48-143	16		30
2,6-Dinitrotoluene	86		71		40-140	19		30
4-Chlorophenyl phenyl ether	69		63		40-140	9		30
4-Bromophenyl phenyl ether	68		63		40-140	8		30
Bis(2-chloroisopropyl)ether	104		92		40-140	12		30
Bis(2-chloroethoxy)methane	81		72		40-140	12		30
Hexachlorocyclopentadiene	40		35	Q	40-140	13		30
Isophorone	80		73		40-140	9		30
Nitrobenzene	80		74		40-140	8		30
NDPA/DPA	65		74		40-140	13		30
n-Nitrosodi-n-propylamine	79		67		29-132	16		30
Bis(2-ethylhexyl)phthalate	110		105		40-140	5		30
Butyl benzyl phthalate	105		92		40-140	13		30
Di-n-butylphthalate	94		84		40-140	11		30
Di-n-octylphthalate	124		108		40-140	14		30
Diethyl phthalate	81		73		40-140	10		30
Dimethyl phthalate	76		67		40-140	13		30
Biphenyl	72		65		40-140	10		30
4-Chloroaniline	60		44		40-140	31	Q	30
2-Nitroaniline	99		83		52-143	18		30
3-Nitroaniline	85		79		25-145	7		30
4-Nitroaniline	86		80		51-143	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538805

Report Date: 07/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2081650-2 WG2081650-3								
Dibenzofuran	73		69		40-140	6		30
1,2,4,5-Tetrachlorobenzene	58		50		2-134	15		30
Acetophenone	83		77		39-129	8		30
2,4,6-Trichlorophenol	74		72		30-130	3		30
p-Chloro-m-cresol	87		78		23-97	11		30
2-Chlorophenol	81		76		27-123	6		30
2,4-Dichlorophenol	85		76		30-130	11		30
2,4-Dimethylphenol	61		63		30-130	3		30
2-Nitrophenol	94		80		30-130	16		30
4-Nitrophenol	74		74		10-80	0		30
2,4-Dinitrophenol	77		78		20-130	1		30
4,6-Dinitro-o-cresol	83		80		20-164	4		30
Phenol	47		40		12-110	16		30
2-Methylphenol	77		74		30-130	4		30
3-Methylphenol/4-Methylphenol	75		68		30-130	10		30
2,4,5-Trichlorophenol	82		74		30-130	10		30
Carbazole	88		80		55-144	10		30
Atrazine	85		77		40-140	10		30
Benzaldehyde	84		79		40-140	6		30
Caprolactam	52		48		10-130	8		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG2081650-2 WG2081650-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		59		21-120
Phenol-d6	51		44		10-120
Nitrobenzene-d5	83		70		23-120
2-Fluorobiphenyl	65		57		15-120
2,4,6-Tribromophenol	67		58		10-120
4-Terphenyl-d14	76		66		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG2081652-2 WG2081652-3								
Acenaphthene	71		65		40-140	9		40
2-Chloronaphthalene	67		61		40-140	9		40
Fluoranthene	80		72		40-140	11		40
Hexachlorobutadiene	51		44		40-140	15		40
Naphthalene	65		57		40-140	13		40
Benzo(a)anthracene	80		71		40-140	12		40
Benzo(a)pyrene	77		71		40-140	8		40
Benzo(b)fluoranthene	83		74		40-140	11		40
Benzo(k)fluoranthene	85		77		40-140	10		40
Chrysene	82		72		40-140	13		40
Acenaphthylene	73		66		40-140	10		40
Anthracene	77		71		40-140	8		40
Benzo(ghi)perylene	79		71		40-140	11		40
Fluorene	76		69		40-140	10		40
Phenanthrene	75		67		40-140	11		40
Dibenzo(a,h)anthracene	77		68		40-140	12		40
Indeno(1,2,3-cd)pyrene	73		63		40-140	15		40
Pyrene	78		71		40-140	9		40
2-Methylnaphthalene	65		58		40-140	11		40
Pentachlorophenol	85		76		40-140	11		40
Hexachlorobenzene	83		76		40-140	9		40
Hexachloroethane	50		42		40-140	17		40
Bis(2-chloroethyl)ether	77		69		40-140	11		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG2081652-2 WG2081652-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		55		21-120
Phenol-d6	46		41		10-120
Nitrobenzene-d5	76		66		23-120
2-Fluorobiphenyl	69		63		15-120
2,4,6-Tribromophenol	81		75		10-120
4-Terphenyl-d14	90		79		41-149

METALS

Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-01

Date Collected: 06/19/25 11:10

Client ID: MW-4S

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Barium, Total	0.0268		mg/l	0.0100	0.0021	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Calcium, Total	7.67		mg/l	0.100	0.0350	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Magnesium, Total	2.67		mg/l	0.100	0.0153	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Manganese, Total	0.0018	J	mg/l	0.0100	0.0016	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 08:05	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Potassium, Total	1.36	J	mg/l	2.50	0.237	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Sodium, Total	42.8		mg/l	2.00	0.120	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Zinc, Total	ND		mg/l	0.0050	0.0021	1	06/30/25 12:23	07/01/25 17:10	EPA 3005A	19,200.7	JMF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0227		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-01

Date Collected: 06/19/25 11:10

Client ID: MW-4S

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	7.46		mg/l	0.100	0.0350	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	2.44		mg/l	0.100	0.0153	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 09:46	EPA 245.1	3,245.1	JWN
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.24	J	mg/l	2.50	0.237	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	37.0		mg/l	2.00	0.120	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/30/25 15:21	07/01/25 11:24	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-02

Date Collected: 06/19/25 11:05

Client ID: MW-4D2

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0519	J	mg/l	0.100	0.0318	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Barium, Total	0.0181		mg/l	0.0100	0.0021	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Calcium, Total	11.9		mg/l	0.100	0.0350	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Chromium, Total	0.0030	J	mg/l	0.0100	0.0021	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Iron, Total	0.0548		mg/l	0.0500	0.0090	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Magnesium, Total	5.72		mg/l	0.100	0.0153	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Manganese, Total	0.0027	J	mg/l	0.0100	0.0016	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06 07/01/25 08:15	06/30/25 19:06 07/01/25 08:15	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Potassium, Total	1.06	J	mg/l	2.50	0.237	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Sodium, Total	9.64		mg/l	2.00	0.120	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF
Zinc, Total	0.0050		mg/l	0.0050	0.0021	1	06/30/25 12:23 07/01/25 16:37	06/30/25 12:23 07/01/25 16:37	EPA 3005A	19,200.7	JMF

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/30/25 15:21 07/01/25 12:43	06/30/25 15:21 07/01/25 12:43	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/30/25 15:21 07/01/25 12:43	06/30/25 15:21 07/01/25 12:43	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/30/25 15:21 07/01/25 12:43	06/30/25 15:21 07/01/25 12:43	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0145		mg/l	0.0100	0.0021	1	06/30/25 15:21 07/01/25 12:43	06/30/25 15:21 07/01/25 12:43	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/30/25 15:21 07/01/25 12:43	06/30/25 15:21 07/01/25 12:43	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-02

Date Collected: 06/19/25 11:05

Client ID: MW-4D2

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	10.9		mg/l	0.100	0.0350	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	0.0029	J	mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	5.24		mg/l	0.100	0.0153	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	0.0016	J	mg/l	0.0100	0.0016	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 09:50	EPA 245.1	3,245.1	JWN
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	0.945	J	mg/l	2.50	0.237	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	7.83		mg/l	2.00	0.120	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	0.0033	J	mg/l	0.0050	0.0021	1	06/30/25 15:21	07/01/25 12:43	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-03

Date Collected: 06/19/25 10:00

Client ID: SCDOH-DR

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Barium, Total	0.0211		mg/l	0.0100	0.0021	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Calcium, Total	15.2		mg/l	0.100	0.0350	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Iron, Total	0.181		mg/l	0.0500	0.0090	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Magnesium, Total	6.84		mg/l	0.100	0.0153	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Manganese, Total	0.102		mg/l	0.0100	0.0016	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 08:18	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Potassium, Total	1.83	J	mg/l	2.50	0.237	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Sodium, Total	28.7		mg/l	2.00	0.120	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Zinc, Total	ND		mg/l	0.0050	0.0021	1	06/30/25 12:23	07/01/25 16:43	EPA 3005A	19,200.7	JMF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0168		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-03

Date Collected: 06/19/25 10:00

Client ID: SCDOH-DR

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	14.2		mg/l	0.100	0.0350	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	6.27		mg/l	0.100	0.0153	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	0.0025	J	mg/l	0.0100	0.0016	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 09:33	EPA 245.1	3,245.1	JWN
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.64	J	mg/l	2.50	0.237	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	23.8		mg/l	2.00	0.120	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	0.0021	J	mg/l	0.0050	0.0021	1	06/30/25 15:21	07/01/25 12:24	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-04

Date Collected: 06/19/25 08:38

Client ID: MW-10S

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0733	J	mg/l	0.100	0.0318	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Barium, Total	0.0512		mg/l	0.0100	0.0021	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Calcium, Total	9.64		mg/l	0.100	0.0350	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Iron, Total	0.117		mg/l	0.0500	0.0090	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Magnesium, Total	4.37		mg/l	0.100	0.0153	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Manganese, Total	0.0110		mg/l	0.0100	0.0016	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 08:21	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Potassium, Total	1.29	J	mg/l	2.50	0.237	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Sodium, Total	5.69		mg/l	2.00	0.120	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF
Zinc, Total	0.0037	J	mg/l	0.0050	0.0021	1	06/30/25 12:23	07/01/25 16:50	EPA 3005A	19,200.7	JMF

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0418		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-04

Date Collected: 06/19/25 08:38

Client ID: MW-10S

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	9.12		mg/l	0.100	0.0350	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	4.05		mg/l	0.100	0.0153	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	0.0029	J	mg/l	0.0100	0.0016	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 09:53	EPA 245.1	3,245.1	JWN
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	1.12	J	mg/l	2.50	0.237	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	4.76		mg/l	2.00	0.120	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	0.0023	J	mg/l	0.0050	0.0021	1	06/30/25 15:21	07/01/25 12:31	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-05

Date Collected: 06/19/25 08:50

Client ID: MW-10D

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0433	J	mg/l	0.100	0.0318	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Barium, Total	0.0082	J	mg/l	0.0100	0.0021	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Calcium, Total	20.0		mg/l	0.100	0.0350	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Iron, Total	0.113		mg/l	0.0500	0.0090	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Magnesium, Total	2.70		mg/l	0.100	0.0153	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Manganese, Total	0.0275		mg/l	0.0100	0.0016	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 08:25	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Potassium, Total	1.07	J	mg/l	2.50	0.237	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Sodium, Total	7.59		mg/l	2.00	0.120	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Zinc, Total	ND		mg/l	0.0050	0.0021	1	06/30/25 12:23	07/01/25 16:57	EPA 3005A	19,200.7	JMF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Barium, Dissolved	0.0066	J	mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-05

Date Collected: 06/19/25 08:50

Client ID: MW-10D

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	18.9		mg/l	0.100	0.0350	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Iron, Dissolved	0.0418	J	mg/l	0.0500	0.0090	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	2.45		mg/l	0.100	0.0153	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	0.0239		mg/l	0.0100	0.0016	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 10:03	EPA 245.1	3,245.1	JWN
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	0.955	J	mg/l	2.50	0.237	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	6.35		mg/l	2.00	0.120	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/30/25 15:21	07/01/25 12:37	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-06

Date Collected: 06/19/25 12:00

Client ID: EQUIPMENT BLANK

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Equipment Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Calcium, Total	ND		mg/l	0.100	0.0350	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Magnesium, Total	ND		mg/l	0.100	0.0153	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 08:28	EPA 245.1	3,245.1	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Potassium, Total	ND		mg/l	2.50	0.237	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Sodium, Total	ND		mg/l	2.00	0.120	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Zinc, Total	ND		mg/l	0.0050	0.0021	1	06/30/25 12:23	07/01/25 17:03	EPA 3005A	19,200.7	JMF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Barium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT**Lab Number:** L2538805**Project Number:** 2232.0006Y005**Report Date:** 07/03/25**SAMPLE RESULTS**

Lab ID: L2538805-06

Date Collected: 06/19/25 12:00

Client ID: EQUIPMENT BLANK

Date Received: 06/19/25

Sample Location: 416 MILLER PLACE-YAPHANK RD.

Field Prep: Refer to COC

Sample Depth:

Matrix: Equipment Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Calcium, Dissolved	ND		mg/l	0.100	0.0350	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Magnesium, Dissolved	ND		mg/l	0.100	0.0153	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 10:06	EPA 245.1	3,245.1	JWN
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Potassium, Dissolved	ND		mg/l	2.50	0.237	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Sodium, Dissolved	ND		mg/l	2.00	0.120	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/30/25 15:21	07/01/25 13:47	EPA 3005A	19,200.7	DMC



Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2085201-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Calcium, Total	ND		mg/l	0.100	0.0350	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Magnesium, Total	ND		mg/l	0.100	0.0153	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Potassium, Total	ND		mg/l	2.50	0.237	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Sodium, Total	ND		mg/l	2.00	0.120	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC
Zinc, Total	ND		mg/l	0.0050	0.0021	1	06/30/25 12:23	06/30/25 16:13	19,200.7	DMC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2085213-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 07:58	3,245.1	JWN



Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 245.1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2085346-1										
Aluminum, Dissolved	ND		mg/l	0.100	0.0318	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Antimony, Dissolved	ND		mg/l	0.0500	0.0071	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Arsenic, Dissolved	ND		mg/l	0.0050	0.0019	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Barium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Beryllium, Dissolved	ND		mg/l	0.0050	0.0009	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Cadmium, Dissolved	ND		mg/l	0.0050	0.0010	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Calcium, Dissolved	ND		mg/l	0.100	0.0350	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Chromium, Dissolved	ND		mg/l	0.0100	0.0021	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Cobalt, Dissolved	ND		mg/l	0.0200	0.0017	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Copper, Dissolved	ND		mg/l	0.0100	0.0022	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Lead, Dissolved	ND		mg/l	0.0100	0.0027	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Magnesium, Dissolved	ND		mg/l	0.100	0.0153	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Manganese, Dissolved	ND		mg/l	0.0100	0.0016	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Nickel, Dissolved	ND		mg/l	0.0250	0.0024	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Potassium, Dissolved	ND		mg/l	2.50	0.237	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Selenium, Dissolved	ND		mg/l	0.0100	0.0035	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Silver, Dissolved	ND		mg/l	0.0070	0.0028	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Sodium, Dissolved	ND		mg/l	2.00	0.120	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Thallium, Dissolved	ND		mg/l	0.0200	0.0025	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Vanadium, Dissolved	ND		mg/l	0.0100	0.0020	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC
Zinc, Dissolved	ND		mg/l	0.0050	0.0021	1	06/30/25 15:21	07/01/25 10:52	19,200.7	DMC

Prep Information

Digestion Method: EPA 3005A



Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-06 Batch: WG2085347-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/30/25 19:06	07/01/25 09:26	3,245.1	JWN

Prep Information

Digestion Method: EPA 245.1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2085201-2								
Aluminum, Total	112		-		85-115	-		
Antimony, Total	89		-		85-115	-		
Arsenic, Total	101		-		85-115	-		
Barium, Total	113		-		85-115	-		
Beryllium, Total	109		-		85-115	-		
Cadmium, Total	91		-		85-115	-		
Calcium, Total	100		-		85-115	-		
Chromium, Total	104		-		85-115	-		
Cobalt, Total	104		-		85-115	-		
Copper, Total	110		-		85-115	-		
Iron, Total	109		-		85-115	-		
Lead, Total	103		-		85-115	-		
Magnesium, Total	97		-		85-115	-		
Manganese, Total	108		-		85-115	-		
Nickel, Total	107		-		85-115	-		
Potassium, Total	115		-		85-115	-		
Selenium, Total	102		-		85-115	-		
Silver, Total	110		-		85-115	-		
Sodium, Total	107		-		85-115	-		
Thallium, Total	103		-		85-115	-		
Vanadium, Total	110		-		85-115	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538805

Report Date: 07/03/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2085201-2					
Zinc, Total	105	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2085213-2					
Mercury, Total	88	-	85-115	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2085346-2					
Aluminum, Dissolved	112	-	85-115	-	
Antimony, Dissolved	89	-	85-115	-	
Arsenic, Dissolved	98	-	85-115	-	
Barium, Dissolved	114	-	85-115	-	
Beryllium, Dissolved	111	-	85-115	-	
Cadmium, Dissolved	97	-	85-115	-	
Calcium, Dissolved	102	-	85-115	-	
Chromium, Dissolved	110	-	85-115	-	
Cobalt, Dissolved	107	-	85-115	-	
Copper, Dissolved	110	-	85-115	-	
Iron, Dissolved	110	-	85-115	-	
Lead, Dissolved	100	-	85-115	-	
Magnesium, Dissolved	102	-	85-115	-	
Manganese, Dissolved	114	-	85-115	-	
Nickel, Dissolved	110	-	85-115	-	
Potassium, Dissolved	108	-	85-115	-	
Selenium, Dissolved	101	-	85-115	-	
Silver, Dissolved	113	-	85-115	-	
Sodium, Dissolved	112	-	85-115	-	
Thallium, Dissolved	103	-	85-115	-	
Vanadium, Dissolved	113	-	85-115	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538805

Report Date: 07/03/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2085346-2					
Zinc, Dissolved	108	-	85-115	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG2085347-2					
Mercury, Dissolved	86	-	85-115	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG2085201-3			QC Sample: L2537415-01			Client ID: MS Sample			
Aluminum, Total	0.574	2	2.93	118		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.406	81		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.127	106		-	-		75-125	-		20
Barium, Total	0.034	2	2.31	114		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.0552	110		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.0478	90		-	-		75-125	-		20
Calcium, Total	15.2	10	25.0	98		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.208	104		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.507	101		-	-		75-125	-		20
Copper, Total	0.007J	0.25	0.284	114		-	-		75-125	-		20
Iron, Total	0.088	1	1.18	109		-	-		75-125	-		20
Lead, Total	ND	0.53	0.544	103		-	-		75-125	-		20
Magnesium, Total	3.72	10	12.9	92		-	-		75-125	-		20
Manganese, Total	0.040	0.5	0.572	106		-	-		75-125	-		20
Nickel, Total	0.003J	0.5	0.523	105		-	-		75-125	-		20
Potassium, Total	13.1	10	24.9	118		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.127	106		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0554	111		-	-		75-125	-		20
Sodium, Total	116	10	129	130	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.120	100		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.553	111		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG2085201-3		QC Sample: L2537415-01		Client ID: MS Sample		
Zinc, Total	0.019	0.5	0.544	105	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG2085213-3		QC Sample: L2538805-01		Client ID: MW-4S		
Mercury, Total	ND	0.005	0.00381	76	-	-	70-130	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085346-3 QC Sample: L2538805-01 Client ID: MW-4S									
Aluminum, Dissolved	ND	2	2.16	108	-	-	75-125	-	20
Antimony, Dissolved	ND	0.5	0.455	91	-	-	75-125	-	20
Arsenic, Dissolved	ND	0.12	0.123	102	-	-	75-125	-	20
Barium, Dissolved	0.0227	2	2.25	111	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.0539	108	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.053	0.0518	98	-	-	75-125	-	20
Calcium, Dissolved	7.46	10	17.2	97	-	-	75-125	-	20
Chromium, Dissolved	ND	0.2	0.220	110	-	-	75-125	-	20
Cobalt, Dissolved	ND	0.5	0.537	107	-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.278	111	-	-	75-125	-	20
Iron, Dissolved	ND	1	1.06	106	-	-	75-125	-	20
Lead, Dissolved	ND	0.53	0.530	100	-	-	75-125	-	20
Magnesium, Dissolved	2.44	10	12.7	103	-	-	75-125	-	20
Manganese, Dissolved	ND	0.5	0.557	111	-	-	75-125	-	20
Nickel, Dissolved	ND	0.5	0.553	111	-	-	75-125	-	20
Potassium, Dissolved	1.24J	10	12.1	121	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.124	103	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.0576	115	-	-	75-125	-	20
Sodium, Dissolved	37.0	10	47.1	101	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.122	102	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.568	114	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control**Project Name:** CORAM GROUNDWATER EVENT**Project Number:** 2232.0006Y005**Lab Number:** L2538805**Report Date:** 07/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085346-3 QC Sample: L2538805-01 Client ID: MW-4S									
Zinc, Dissolved	ND	0.5	0.553	111	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085346-7 QC Sample: L2538805-02 Client ID: MW-4D2									
Aluminum, Dissolved	ND	2	2.34	117	-	-	75-125	-	20
Antimony, Dissolved	ND	0.5	0.440	88	-	-	75-125	-	20
Arsenic, Dissolved	ND	0.12	0.120	100	-	-	75-125	-	20
Barium, Dissolved	0.0145	2	2.29	114	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.0581	116	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.053	0.0516	97	-	-	75-125	-	20
Calcium, Dissolved	10.9	10	21.3	104	-	-	75-125	-	20
Chromium, Dissolved	0.0029J	0.2	0.222	111	-	-	75-125	-	20
Cobalt, Dissolved	ND	0.5	0.536	107	-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.281	112	-	-	75-125	-	20
Iron, Dissolved	ND	1	1.07	107	-	-	75-125	-	20
Lead, Dissolved	ND	0.53	0.524	99	-	-	75-125	-	20
Magnesium, Dissolved	5.24	10	15.6	104	-	-	75-125	-	20
Manganese, Dissolved	0.0016J	0.5	0.574	115	-	-	75-125	-	20
Nickel, Dissolved	ND	0.5	0.547	109	-	-	75-125	-	20
Potassium, Dissolved	0.945J	10	12.1	121	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.121	101	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.0604	121	-	-	75-125	-	20
Sodium, Dissolved	7.83	10	19.5	117	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.121	101	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.564	113	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085346-7 QC Sample: L2538805-02 Client ID: MW-4D2									
Zinc, Dissolved	0.0033J	0.5	0.550	110	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085347-3 QC Sample: L2538805-03 Client ID: SCDOH-DR									
Mercury, Dissolved	ND	0.005	0.00408	82	-	-	75-125	-	20

Lab Duplicate Analysis*Batch Quality Control***Project Name:** CORAM GROUNDWATER EVENT**Project Number:** 2232.0006Y005**Lab Number:** L2538805**Report Date:** 07/03/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085201-4 QC Sample: L2537415-01 Client ID: DUP Sample						
Lead, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085213-4 QC Sample: L2538805-01 Client ID: MW-4S						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538805

Report Date: 07/03/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085346-4 QC Sample: L2538805-01 Client ID: MW-4S					
Aluminum, Dissolved	ND	ND	mg/l	NC	20
Antimony, Dissolved	ND	0.0125J	mg/l	NC	20
Arsenic, Dissolved	ND	ND	mg/l	NC	20
Barium, Dissolved	0.0227	0.0236	mg/l	4	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	7.46	7.72	mg/l	3	20
Chromium, Dissolved	ND	ND	mg/l	NC	20
Cobalt, Dissolved	ND	ND	mg/l	NC	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	ND	ND	mg/l	NC	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	2.44	2.48	mg/l	2	20
Manganese, Dissolved	ND	ND	mg/l	NC	20
Nickel, Dissolved	ND	ND	mg/l	NC	20
Potassium, Dissolved	1.24J	1.28J	mg/l	NC	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	37.0	38.3	mg/l	3	20

Lab Duplicate Analysis
*Batch Quality Control***Project Name:** CORAM GROUNDWATER EVENT**Project Number:** 2232.0006Y005**Lab Number:** L2538805**Report Date:** 07/03/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085346-4 QC Sample: L2538805-01 Client ID: MW-4S					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085346-8 QC Sample: L2538805-02 Client ID: MW-4D2					
Aluminum, Dissolved	ND	ND	mg/l	NC	20
Antimony, Dissolved	ND	0.0133J	mg/l	NC	20
Arsenic, Dissolved	ND	ND	mg/l	NC	20
Barium, Dissolved	0.0145	0.0151	mg/l	4	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	10.9	11.3	mg/l	4	20
Chromium, Dissolved	0.0029J	0.0026J	mg/l	NC	20
Cobalt, Dissolved	ND	ND	mg/l	NC	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	ND	ND	mg/l	NC	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	5.24	5.42	mg/l	3	20
Manganese, Dissolved	0.0016J	ND	mg/l	NC	20
Nickel, Dissolved	ND	ND	mg/l	NC	20
Potassium, Dissolved	0.945J	1.01J	mg/l	NC	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	7.83	8.26	mg/l	5	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538805

Report Date: 07/03/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085346-8 QC Sample: L2538805-02 Client ID: MW-4D2					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.0033J	0.0037J	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085347-4 QC Sample: L2538805-03 Client ID: SCDOH-DR					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

**Lab Serial Dilution
Analysis**
Batch Quality Control

Lab Number: L2538805
Report Date: 07/03/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085346-10 QC Sample: L2538805-02 Client ID: MW-4D2						
Calcium, Dissolved	10.9	11.0	mg/l	1		20
Magnesium, Dissolved	5.24	5.27	mg/l	1		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG2085346-6 QC Sample: L2538805-01 Client ID: MW-4S						
Calcium, Dissolved	7.46	7.26	mg/l	3		20

INORGANICS & MISCELLANEOUS

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-01
Client ID: MW-4S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:10
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 17:21	121,2320B	MRM
Alkalinity, Bicarbonate	37.2		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 17:21	121,2320B	MRM
Solids, Total Dissolved	110		mg/l	13	4.0	1.3	-	06/25/25 01:55	121,2540C	DEW
Chloride	31.		mg/l	1.0	0.89	1	-	06/27/25 14:47	121,4500CL-E	JER
Fluoride	0.04	J	mg/l	0.20	0.01	1	06/24/25 01:47	06/24/25 05:38	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/21/25 05:31	121,4500NO3-F	KAF
Nitrogen, Nitrate	2.52		mg/l	0.100	0.022	1	-	06/21/25 05:31	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	2.5		mg/l	0.10	0.046	1	-	06/21/25 05:31	121,4500NO3-F	KAF
Total Nitrogen	2.5		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	0.142	J	mg/l	0.300	0.066	1	06/26/25 22:15	06/27/25 22:25	121,4500NH3-H	MRM
Phosphate, Total	0.034		mg/l	0.031	0.012	1	06/29/25 15:36	06/29/25 17:38	121,4500P-E(M)	MEF
Sulfate	11.		mg/l	10	1.4	1	06/26/25 14:00	06/26/25 14:00	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.041	J	mg/l	0.050	0.013	1	-	06/26/25 19:38	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-02
Client ID: MW-4D2
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 11:05
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 16:19	121,2320B	MRM
Alkalinity, Bicarbonate	26.0		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 16:19	121,2320B	MRM
Solids, Total Dissolved	89.		mg/l	13	4.0	1.3	-	06/25/25 01:55	121,2540C	DEW
Chloride	9.8		mg/l	1.0	0.89	1	-	06/27/25 16:13	121,4500CL-E	JER
Fluoride	0.05	J	mg/l	0.20	0.01	1	06/24/25 01:47	06/24/25 05:38	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/21/25 05:38	121,4500NO3-F	KAF
Nitrogen, Nitrate	1.80		mg/l	0.100	0.022	1	-	06/21/25 05:38	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	1.8		mg/l	0.10	0.046	1	-	06/21/25 05:38	121,4500NO3-F	KAF
Total Nitrogen	1.8		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	0.200	J	mg/l	0.300	0.066	1	06/26/25 22:15	06/27/25 22:26	121,4500NH3-H	MRM
Phosphate, Total	0.077		mg/l	0.031	0.012	1	06/29/25 15:36	06/29/25 17:39	121,4500P-E(M)	MEF
Sulfate	15.		mg/l	10	1.4	1	06/26/25 14:00	06/26/25 14:00	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.051		mg/l	0.050	0.013	1	-	06/26/25 19:50	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-03
Client ID: SCDOH-DR
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 10:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 16:21	121,2320B	MRM
Alkalinity, Bicarbonate	24.6		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 16:21	121,2320B	MRM
Solids, Total Dissolved	150		mg/l	13	4.0	1.3	-	06/25/25 01:55	121,2540C	DEW
Chloride	40.		mg/l	1.0	0.89	1	-	06/27/25 15:05	121,4500CL-E	JER
Fluoride	0.02	J	mg/l	0.20	0.01	1	06/23/25 00:41	06/23/25 05:53	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/21/25 05:39	121,4500NO3-F	KAF
Nitrogen, Nitrate	4.12		mg/l	0.100	0.022	1	-	06/21/25 05:39	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	4.1		mg/l	0.10	0.046	1	-	06/21/25 05:39	121,4500NO3-F	KAF
Total Nitrogen	4.1		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	0.164	J	mg/l	0.300	0.066	1	06/26/25 22:15	06/27/25 22:27	121,4500NH3-H	MRM
Phosphate, Total	0.034		mg/l	0.031	0.012	1	06/29/25 15:36	06/29/25 17:44	121,4500P-E(M)	MEF
Sulfate	14.		mg/l	10	1.4	1	06/26/25 14:00	06/26/25 14:00	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.052		mg/l	0.050	0.013	1	-	06/26/25 20:02	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-04
Client ID: MW-10S
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:38
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 16:23	121,2320B	MRM
Alkalinity, Bicarbonate	31.5		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 16:23	121,2320B	MRM
Solids, Total Dissolved	41.		mg/l	13	4.0	1.3	-	06/25/25 01:55	121,2540C	DEW
Chloride	5.3		mg/l	1.0	0.89	1	-	06/27/25 15:06	121,4500CL-E	JER
Fluoride	0.03	J	mg/l	0.20	0.01	1	06/23/25 00:41	06/23/25 05:53	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/21/25 05:40	121,4500NO3-F	KAF
Nitrogen, Nitrate	1.41		mg/l	0.100	0.022	1	-	06/21/25 05:40	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	1.4		mg/l	0.10	0.046	1	-	06/21/25 05:40	121,4500NO3-F	KAF
Total Nitrogen	1.4		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	0.151	J	mg/l	0.300	0.066	1	06/26/25 22:15	06/27/25 22:28	121,4500NH3-H	MRM
Phosphate, Total	0.080		mg/l	0.031	0.012	1	06/29/25 15:36	06/29/25 17:45	121,4500P-E(M)	MEF
Sulfate	6.1	J	mg/l	10	1.4	1	06/26/25 14:00	06/26/25 14:00	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.039	J	mg/l	0.050	0.013	1	-	06/26/25 20:14	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-05
Client ID: MW-10D
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 08:50
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 16:25	121,2320B	MRM
Alkalinity, Bicarbonate	42.5		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 16:25	121,2320B	MRM
Solids, Total Dissolved	78.		mg/l	13	4.0	1.3	-	06/25/25 01:55	121,2540C	DEW
Chloride	6.8		mg/l	1.0	0.89	1	-	06/27/25 15:06	121,4500CL-E	JER
Fluoride	0.07	J	mg/l	0.20	0.01	1	06/24/25 01:47	06/24/25 05:38	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/21/25 05:42	121,4500NO3-F	KAF
Nitrogen, Nitrate	0.071	J	mg/l	0.100	0.022	1	-	06/21/25 05:42	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	0.072	J	mg/l	0.10	0.046	1	-	06/21/25 05:42	121,4500NO3-F	KAF
Total Nitrogen	0.37		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	0.374		mg/l	0.300	0.066	1	06/26/25 22:15	06/27/25 22:29	121,4500NH3-H	MRM
Phosphate, Total	0.083		mg/l	0.031	0.012	1	06/29/25 15:36	06/29/25 17:46	121,4500P-E(M)	MEF
Sulfate	19.		mg/l	10	1.4	1	06/26/25 14:00	06/26/25 14:00	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.052		mg/l	0.050	0.013	1	-	06/26/25 20:26	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

SAMPLE RESULTS

Lab ID: L2538805-06
Client ID: EQUIPMENT BLANK
Sample Location: 416 MILLER PLACE-YAPHANK RD.

Date Collected: 06/19/25 12:00
Date Received: 06/19/25
Field Prep: Refer to COC

Sample Depth:
Matrix: Equipment Blank

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Carbonate	ND		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 16:29	121,2320B	MRM
Alkalinity, Bicarbonate	3.96		mg CaCO ₃ /L	2.00	NA	1	-	06/27/25 16:29	121,2320B	MRM
Solids, Total Dissolved	ND		mg/l	10	3.1	1	-	06/25/25 01:55	121,2540C	DEW
Chloride	ND		mg/l	1.0	0.89	1	-	06/27/25 15:07	121,4500CL-E	JER
Fluoride	ND		mg/l	0.20	0.01	1	06/24/25 01:47	06/24/25 05:38	121,4500F-BC	DTH
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/21/25 05:47	121,4500NO3-F	KAF
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	06/21/25 05:47	121,4500NO3-F	KAF
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	06/21/25 05:47	121,4500NO3-F	KAF
Total Nitrogen	ND		mg/l	0.30	0.30	1	-	06/30/25 13:23	107,-	JRO
Nitrogen, Total Kjeldahl	0.229	J	mg/l	0.300	0.066	1	06/26/25 22:15	06/27/25 22:30	121,4500NH3-H	MRM
Phosphate, Total	0.037		mg/l	0.031	0.012	1	07/01/25 15:55	07/01/25 19:26	121,4500P-E(M)	MEF
Sulfate	1.7	J	mg/l	10	1.4	1	06/26/25 14:00	06/26/25 14:00	121,4500SO4-E	MRW
Anions by Ion Chromatography - Westborough Lab										
Bromide	ND		mg/l	0.050	0.013	1	-	06/26/25 20:39	44,300.0	CVN



Project Name: CORAM GROUNDWATER EVENT

Lab Number: L2538805

Project Number: 2232.0006Y005

Report Date: 07/03/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2081668-1										
Nitrogen, Nitrite	ND		mg/l	0.050	0.013	1	-	06/21/25 04:59	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2081672-1										
Nitrogen, Nitrate	ND		mg/l	0.100	0.022	1	-	06/21/25 05:07	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2081679-1										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	06/21/25 05:07	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 03-04 Batch: WG2082083-1										
Fluoride	ND		mg/l	0.20	0.01	1	06/23/25 00:41	06/23/25 05:53	121,4500F-BC	DTH
General Chemistry - Westborough Lab for sample(s): 01-02,05-06 Batch: WG2082536-1										
Fluoride	ND		mg/l	0.20	0.01	1	06/24/25 01:47	06/24/25 05:38	121,4500F-BC	DTH
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2083072-1										
Solids, Total Dissolved	ND		mg/l	10	3.1	1	-	06/25/25 01:55	121,2540C	DEW
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2083248-1										
Sulfate	2.0	J	mg/l	10	1.4	1	06/26/25 14:00	06/26/25 14:00	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2083974-1										
Nitrogen, Total Kjeldahl	0.083	J	mg/l	0.100	0.022	.3333333	06/26/25 22:15	06/27/25 22:12	121,4500NH3-H	MRM
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-06 Batch: WG2083986-1										
Bromide	ND		mg/l	0.050	0.013	1	-	06/26/25 15:00	44,300.0	CVN
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2084376-1										
Chloride	ND		mg/l	1.0	0.89	1	-	06/27/25 13:37	121,4500CL-E	JER
General Chemistry - Westborough Lab for sample(s): 02-06 Batch: WG2084379-1										
Chloride	ND		mg/l	1.0	0.89	1	-	06/27/25 13:40	121,4500CL-E	JER
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG2084493-1										
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/27/25 16:13	121,2320B	MRM
Alkalinity, Bicarbonate	ND		mg CaCO3/L	2.00	NA	1	-	06/27/25 16:13	121,2320B	MRM
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG2084951-1										
Phosphate, Total	0.012	J	mg/l	0.031	0.012	1	06/29/25 15:36	06/29/25 17:22	121,4500P-E(M)	MEF
General Chemistry - Westborough Lab for sample(s): 06 Batch: WG2085799-1										
Phosphate, Total	0.018	J	mg/l	0.031	0.012	1	07/01/25 15:55	07/01/25 17:27	121,4500P-E(M)	MEF



Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538805

Report Date: 07/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2081668-2								
Nitrogen, Nitrite	105		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2081672-2								
Nitrogen, Nitrate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2081679-2								
Nitrogen, Nitrate/Nitrite	100		-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 03-04 Batch: WG2082083-2								
Fluoride	85		-		78-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06 Batch: WG2082536-2								
Fluoride	86		-		78-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2083072-2								
Solids, Total Dissolved	99		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2083248-2								
Sulfate	95		-		90-110	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538805

Report Date: 07/03/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG2083974-2					
Nitrogen, Total Kjeldahl	96	-	78-122	-	
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 Batch: WG2083986-2					
Bromide	94	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2084376-2					
Chloride	93	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 02-06 Batch: WG2084379-2					
Chloride	90	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2084951-2					
Phosphate, Total	101	-	84-118	-	
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG2085799-2					
Phosphate, Total	99	-	84-118	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06				QC Batch ID: WG2081668-4			QC Sample: L2538805-01			Client ID: MW-4S		
Nitrogen, Nitrite	ND	4	4.03	101		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-06				QC Batch ID: WG2081672-4			QC Sample: L2538805-01			Client ID: MW-4S		
Nitrogen, Nitrate	2.52	4	6.48	99		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01-06				QC Batch ID: WG2081679-4			QC Sample: L2538805-01			Client ID: MW-4S		
Nitrogen, Nitrate/Nitrite	2.5	4	6.5	100		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 03-04				QC Batch ID: WG2082083-4			QC Sample: L2536247-12			Client ID: MS Sample		
Fluoride	0.03J	1	0.99	99		-	-		69-124	-		13
General Chemistry - Westborough Lab Associated sample(s): 01-02,05-06				QC Batch ID: WG2082536-4			QC Sample: L2538382-06			Client ID: MS Sample		
Fluoride	0.04J	1	0.99	99		-	-		69-124	-		13
General Chemistry - Westborough Lab Associated sample(s): 01-06				QC Batch ID: WG2083248-4			QC Sample: L2538382-06			Client ID: MS Sample		
Sulfate	19.	40	60	102		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 01-06				QC Batch ID: WG2083974-4			QC Sample: L2534995-01			Client ID: MS Sample		
Nitrogen, Total Kjeldahl	0.426	8	8.58	102		-	-		77-111	-		24
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06				QC Batch ID: WG2083986-3			QC Sample: L2539898-02			Client ID: MS Sample		
Bromide	ND	0.4	0.383	96		-	-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 01				QC Batch ID: WG2084376-4			QC Sample: L2538805-01			Client ID: MW-4S		
Chloride	31.	20	50	95		-	-		58-140	-		7

Matrix Spike Analysis Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-06 QC Batch ID: WG2084379-4 QC Sample: L2538389-02 Client ID: MS Sample									
Chloride	1300	20	1200	0	Q	-	58-140	-	7
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2084951-4 QC Sample: L2538805-02 Client ID: MW-4D2									
Phosphate, Total	0.077	1.53	1.69	105	-	-	80-120	-	15
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG2085799-4 QC Sample: L2538416-01 Client ID: MS Sample									
Phosphate, Total	0.614	1.53	2.21	104	-	-	80-120	-	15

Lab Duplicate Analysis

Batch Quality Control

Project Name: CORAM GROUNDWATER EVENT

Project Number: 2232.0006Y005

Lab Number: L2538805

Report Date: 07/03/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-06	QC Batch ID: WG2081668-3	QC Sample: L2538805-01	Client ID: MW-4S		
Nitrogen, Nitrite	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab	Associated sample(s): 01-06	QC Batch ID: WG2081672-3	QC Sample: L2538805-01	Client ID: MW-4S		
Nitrogen, Nitrate	2.52	2.53	mg/l	0		17
General Chemistry - Westborough Lab	Associated sample(s): 01-06	QC Batch ID: WG2081679-3	QC Sample: L2538805-01	Client ID: MW-4S		
Nitrogen, Nitrate/Nitrite	2.5	2.5	mg/l	0		20
General Chemistry - Westborough Lab	Associated sample(s): 03-04	QC Batch ID: WG2082083-3	QC Sample: L2536247-12	Client ID: DUP Sample		
Fluoride	0.03J	0.03J	mg/l	NC		13
General Chemistry - Westborough Lab	Associated sample(s): 01-02,05-06	QC Batch ID: WG2082536-3	QC Sample: L2538382-06	Client ID: DUP Sample		
Fluoride	0.04J	0.04J	mg/l	NC		13
General Chemistry - Westborough Lab	Associated sample(s): 01-06	QC Batch ID: WG2083072-3	QC Sample: L2538337-01	Client ID: DUP Sample		
Solids, Total Dissolved	220	220	mg/l	0		10
General Chemistry - Westborough Lab	Associated sample(s): 01-06	QC Batch ID: WG2083072-4	QC Sample: L2538337-02	Client ID: DUP Sample		
Solids, Total Dissolved	2500	2400	mg/l	4		10
General Chemistry - Westborough Lab	Associated sample(s): 01-06	QC Batch ID: WG2083248-3	QC Sample: L2538382-06	Client ID: DUP Sample		
Sulfate	19.	18	mg/l	5		14
General Chemistry - Westborough Lab	Associated sample(s): 01-06	QC Batch ID: WG2083974-3	QC Sample: L2534995-01	Client ID: DUP Sample		
Nitrogen, Total Kjeldahl	0.426	0.466	mg/l	9		24

Lab Duplicate Analysis*Batch Quality Control***Project Name:** CORAM GROUNDWATER EVENT**Project Number:** 2232.0006Y005**Lab Number:** L2538805**Report Date:** 07/03/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2083986-4 QC Sample: L2539898-02 Client ID: DUP Sample					
Bromide	ND	ND	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2084376-3 QC Sample: L2538805-01 Client ID: MW-4S					
Chloride	31.	32	mg/l	3	7
General Chemistry - Westborough Lab Associated sample(s): 02-06 QC Batch ID: WG2084379-3 QC Sample: L2538389-02 Client ID: DUP Sample					
Chloride	1300	1200	mg/l	8 Q	7
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2084493-3 QC Sample: L2538805-01 Client ID: MW-4S					
Alkalinity, Carbonate	ND	ND	mg CaCO3/L	NC	10
Alkalinity, Bicarbonate	37.2	37.9	mg CaCO3/L	2	9
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2084951-3 QC Sample: L2538805-02 Client ID: MW-4D2					
Phosphate, Total	0.077	0.077	mg/l	0	15
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG2085799-3 QC Sample: L2538416-01 Client ID: DUP Sample					
Phosphate, Total	0.614	0.614	mg/l	0	15

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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538805-01A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-01B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-01C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-01D	Amber 100ml unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538805-01E	Amber 100ml unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538805-01F	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		FE-RI(180),ZN-RI(180),K-RI(180),BE-RI(180),SE-RI(180),AL-RI(180),MG-RI(180),TL-RI(180),MN-RI(180),CO-RI(180),CU-RI(180),SB-RI(180),CA-RI(180),BA-RI(180),CR-RI(180),HG-R(28),AG-RI(180),NI-RI(180),CD-RI(180),PB-RI(180),V-RI(180),AS-RI(180),NA-RI(180)
L2538805-01G	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),CA-UI(180),AG-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),SE-UI(180),FE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),NA-UI(180),CR-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),AS-UI(180),CU-UI(180),PB-UI(180),TL-UI(180),V-UI(180)
L2538805-01H	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.8	Y	Absent		SUB-SULFIDE(7)
L2538805-01I	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.8	Y	Absent		SUB-SULFIDE(7)
L2538805-01J	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538805-01K	Plastic 250ml unpreserved	C	NA		3.6	Y	Absent		SUB-IODIDE(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538805-01L	Plastic 950ml unpreserved	A	NA		2.8	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538805-01M	Amber 950ml H2SO4 preserved	A	<2	<2	2.8	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538805-01N	Plastic 250ml H2SO4 preserved split	A	<2	<2	2.8	Y	Absent		SUB-AMMONIUM(28)
L2538805-02A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-02B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-02C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-02D	Amber 100ml unpreserved	B	NA		4.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538805-02E	Amber 100ml unpreserved	B	NA		4.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538805-02F	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		ZN-RI(180),FE-RI(180),BE-RI(180),K-RI(180),SE-RI(180),MG-RI(180),AL-RI(180),MN-RI(180),TL-RI(180),CO-RI(180),SB-RI(180),CU-RI(180),BA-RI(180),CA-RI(180),CR-RI(180),HG-R(28),NI-RI(180),AG-RI(180),CD-RI(180),PB-RI(180),V-RI(180),AS-RI(180),NA-RI(180)
L2538805-02G	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),K-UI(180),CO-UI(180),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),NA-UI(180),BE-UI(180),AS-UI(180),CU-UI(180),TL-UI(180),PB-UI(180),V-UI(180)
L2538805-02H	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.8	Y	Absent		SUB-SULFIDE(7)
L2538805-02I	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.8	Y	Absent		SUB-SULFIDE(7)
L2538805-02J	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538805-02K	Plastic 250ml unpreserved	C	NA		3.6	Y	Absent		SUB-IODIDE(7)
L2538805-02L	Plastic 950ml unpreserved	B	NA		4.9	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),TDS-2540(7),BR-300(28)
L2538805-02M	Amber 950ml H2SO4 preserved	B	<2	<2	4.9	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538805-02N	Plastic 250ml H2SO4 preserved split	B	<2	<2	4.9	Y	Absent		SUB-AMMONIUM(28)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538805-03A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-03B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-03C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-03D	Amber 100ml unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538805-03E	Amber 100ml unpreserved	A	NA		2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538805-03F	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		FE-RI(180),ZN-RI(180),BE-RI(180),SE-RI(180),K-RI(180),MG-RI(180),AL-RI(180),TL-RI(180),MN-RI(180),SB-RI(180),CU-RI(180),CO-RI(180),BA-RI(180),CA-RI(180),CR-RI(180),NI-RI(180),AG-RI(180),HG-R(28),AS-RI(180),PB-RI(180),NA-RI(180),CD-RI(180),V-RI(180)
L2538805-03G	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),ZN-UI(180),CA-UI(180),AG-UI(180),K-UI(180),CO-UI(180),SE-UI(180),MG-UI(180),FE-UI(180),HG-U(28),CD-UI(180),CR-UI(180),BE-UI(180),NA-UI(180),AL-UI(180),MN-UI(180),AS-UI(180),TL-UI(180),CU-UI(180),V-UI(180),PB-UI(180)
L2538805-03H	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.8	Y	Absent		SUB-SULFIDE(7)
L2538805-03I	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.8	Y	Absent		SUB-SULFIDE(7)
L2538805-03J	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538805-03K	Plastic 250ml unpreserved	C	NA		3.6	Y	Absent		SUB-IODIDE(7)
L2538805-03L	Plastic 950ml unpreserved	A	NA		2.8	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),TDS-2540(7),BR-300(28)
L2538805-03M	Amber 950ml H2SO4 preserved	A	<2	<2	2.8	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538805-03N	Plastic 250ml H2SO4 preserved split	A	<2	<2	2.8	Y	Absent		SUB-AMMONIUM(28)
L2538805-04A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-04B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-04C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-04D	Amber 100ml unpreserved	B	NA		4.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538805-04E	Amber 100ml unpreserved	B	NA		4.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538805-04F	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		FE-RI(180),ZN-RI(180),K-RI(180),SE-RI(180),BE-RI(180),MG-RI(180),AL-RI(180),MN-RI(180),TL-RI(180),CO-RI(180),CU-RI(180),SB-RI(180),BA-RI(180),CA-RI(180),NI-RI(180),CR-RI(180),HG-R(28),AG-RI(180),CD-RI(180),AS-RI(180),NA-RI(180),PB-RI(180),V-RI(180)
L2538805-04G	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		NI-UI(180),BA-UI(180),SB-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),K-UI(180),CO-UI(180),SE-UI(180),MG-UI(180),FE-UI(180),HG-U(28),CD-UI(180),AL-UI(180),CR-UI(180),NA-UI(180),BE-UI(180),MN-UI(180),TL-UI(180),V-UI(180),CU-UI(180),PB-UI(180),AS-UI(180)
L2538805-04H	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.8	Y	Absent		SUB-SULFIDE(7)
L2538805-04I	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.8	Y	Absent		SUB-SULFIDE(7)
L2538805-04J	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538805-04K	Plastic 250ml unpreserved	C	NA		3.6	Y	Absent		SUB-IODIDE(7)
L2538805-04L	Plastic 950ml unpreserved	B	NA		4.9	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),TDS-2540(7),BR-300(28)
L2538805-04M	Amber 950ml H2SO4 preserved	B	<2	<2	4.9	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538805-04N	Plastic 250ml H2SO4 preserved split	B	<2	<2	4.9	Y	Absent		SUB-AMMONIUM(28)
L2538805-05A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-05B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-05C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-05D	Amber 100ml unpreserved	B	NA		4.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538805-05E	Amber 100ml unpreserved	B	NA		4.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538805-05F	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		ZN-RI(180),FE-RI(180),SE-RI(180),BE-RI(180),K-RI(180),MG-RI(180),AL-RI(180),MN-RI(180),TL-RI(180),CU-RI(180),SB-RI(180),CO-RI(180),CA-RI(180),BA-RI(180),HG-R(28),CR-RI(180),NI-RI(180),AG-RI(180),AS-RI(180),PB-RI(180),CD-RI(180),NA-RI(180),V-RI(180)
L2538805-05G	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		SB-UI(180),BA-UI(180),NI-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),K-UI(180),CO-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),CR-UI(180),AL-UI(180),NA-UI(180),BE-UI(180),MN-UI(180),PB-UI(180),V-UI(180),AS-UI(180),TL-UI(180),CU-UI(180)
L2538805-05H	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.8	Y	Absent		SUB-SULFIDE(7)
L2538805-05I	Plastic 250ml Zn Acetate/NaOH preserved	A	>9	>9	2.8	Y	Absent		SUB-SULFIDE(7)
L2538805-05J	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538805-05K	Plastic 250ml unpreserved	C	NA		3.6	Y	Absent		SUB-IODIDE(7)
L2538805-05L	Plastic 950ml unpreserved	B	NA		4.9	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),BR-300(28),TDS-2540(7)
L2538805-05M	Amber 950ml H2SO4 preserved	B	<2	<2	4.9	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538805-05N	Plastic 250ml H2SO4 preserved split	B	<2	<2	4.9	Y	Absent		SUB-AMMONIUM(28)
L2538805-06A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-06B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-06C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-06D	Amber 100ml unpreserved	B	NA		4.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2538805-06E	Amber 100ml unpreserved	B	NA		4.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2538805-06F	Plastic 250ml HNO3 preserved	B	<2	<2	4.9	Y	Absent		FE-RI(180),ZN-RI(180),SE-RI(180),K-RI(180),BE-RI(180),AL-RI(180),MG-RI(180),TL-RI(180),MN-RI(180),SB-RI(180),CO-RI(180),CU-RI(180),BA-RI(180),CA-RI(180),AG-RI(180),NI-RI(180),CR-RI(180),HG-R(28),NA-RI(180),CD-RI(180),V-RI(180),PB-RI(180),AS-RI(180)
L2538805-06G	Plastic 250ml HNO3 preserved	B	<2	<2	4.9	Y	Absent		NI-UI(180),BA-UI(180),SB-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),CO-UI(180),K-UI(180),SE-UI(180),FE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),BE-UI(180),NA-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),V-UI(180),CU-UI(180),AS-UI(180),TL-UI(180),PB-UI(180)
L2538805-06H	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.9	Y	Absent		SUB-SULFIDE(7)
L2538805-06I	Plastic 250ml Zn Acetate/NaOH preserved	B	>9	>9	4.9	Y	Absent		SUB-SULFIDE(7)
L2538805-06J	Plastic 250ml unpreserved/No Headspace	B	NA		4.9	Y	Absent		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2538805-06K	Plastic 250ml unpreserved	C	NA		3.6	Y	Absent		SUB-IODIDE(7)
L2538805-06L	Plastic 950ml unpreserved	B	NA		4.9	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28),NO3-4500(2),NO2-4500NO3(2),TDS-2540(7),BR-300(28)
L2538805-06M	Amber 950ml H2SO4 preserved	B	<2	<2	4.9	Y	Absent		TKN-4500(28),TPO4-4500(28),NO3/NO2-4500(28),TNITROGEN(28)
L2538805-06N	Plastic 250ml H2SO4 preserved split	B	<2	<2	4.9	Y	Absent		SUB-AMMONIUM(28)
L2538805-07A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)
L2538805-07B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: CORAM GROUNDWATER EVENT
Project Number: 2232.0006Y005

Lab Number: L2538805
Report Date: 07/03/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.
- 19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 107 Calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 1 of 2

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLCID No.: **17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: Certificate/Approval Program Summary

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Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

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06 / 20 / 25 - 0400



Sample Delivery Group Summary

Pace Job Number : L2538805

Received : 19-JUN-2025

Reviewer : Geoffry Grace

Account Name : Roux Env. Eng. & Geology, DPC

Project Number : 2232.0006Y005

Project Name : CORAM MATERIALS

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.8	
B	Absent/	Ice	4.9	
C	Absent/	Ice	3.6	
D	Absent/	Ice	5.1	

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between COC & sample labels?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis?	YES
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	NA

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NO
--	----



June 25, 2025

Jennifer Byrnes

,

RE: Project: L2538805
Pace Project No.: 70362495

Dear Jennifer Byrnes:

Enclosed are the analytical results for sample(s) received by the laboratory on June 21, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brianna D. Rivera
brianna.rivera@pacelabs.com
516-370-6007
Project Manager

Enclosures

cc: Reports, Pace - West Borough



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: L2538805
Pace Project No.: 70362495

Pace Analytical Services, LLC - Melville, NY

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Texas Certification #: T104704582

Florida Certification #: E871198

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SAMPLE SUMMARY

Project: L2538805

Pace Project No.: 70362495

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70362495001	MW-4S	Water	06/19/25 11:10	06/21/25 08:30
70362495002	MW-4D2	Water	06/19/25 11:05	06/21/25 08:30
70362495003	SCDOH-DR	Water	06/19/25 10:00	06/21/25 08:30
70362495004	MW-10S	Water	06/19/25 08:38	06/21/25 08:30
70362495005	MW-10D	Water	06/19/25 08:50	06/21/25 08:30
70362495006	EQUIPMENT BLANK	Water	06/19/25 12:00	06/21/25 08:30

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SAMPLE ANALYTE COUNT

Project: L2538805

Pace Project No.: 70362495

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70362495001	MW-4S	SM 4500-S2 F-2011	GEL	1
70362495002	MW-4D2	SM 4500-S2 F-2011	GEL	1
70362495003	SCDOH-DR	SM 4500-S2 F-2011	GEL	1
70362495004	MW-10S	SM 4500-S2 F-2011	GEL	1
70362495005	MW-10D	SM 4500-S2 F-2011	GEL	1
70362495006	EQUIPMENT BLANK	SM 4500-S2 F-2011	GEL	1

PACE-MV = Pace Analytical Services - Melville

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PROJECT NARRATIVE

Project: L2538805
Pace Project No.: 70362495

Method: SM 4500-S2 F-2011
Description: 4500S2F W Sulfide Iodometric
Client: Pace Westborough
Date: June 25, 2025

General Information:

6 samples were analyzed for SM 4500-S2 F-2011 by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 406223

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70362344006

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 2150351)
 - Sulfide
- MSD (Lab ID: 2150352)
 - Sulfide

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: L2538805

Pace Project No.: 70362495

Sample: MW-4S		Lab ID: 70362495001		Collected: 06/19/25 11:10		Received: 06/21/25 08:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<0.20	mg/L	2.0	0.20	1		06/25/25 15:39		

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ANALYTICAL RESULTS

Project: L2538805

Pace Project No.: 70362495

Sample: MW-4D2		Lab ID: 70362495002		Collected: 06/19/25 11:05		Received: 06/21/25 08:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<0.20	mg/L	2.0	0.20	1		06/25/25 15:42		

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ANALYTICAL RESULTS

Project: L2538805
Pace Project No.: 70362495

Sample: SCDOH-DR		Lab ID: 70362495003		Collected: 06/19/25 10:00		Received: 06/21/25 08:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<0.20	mg/L	2.0	0.20	1		06/25/25 15:45		

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ANALYTICAL RESULTS

Project: L2538805

Pace Project No.: 70362495

Sample: MW-10S		Lab ID: 70362495004		Collected: 06/19/25 08:38		Received: 06/21/25 08:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<0.20	mg/L	2.0	0.20	1		06/25/25 15:47		

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ANALYTICAL RESULTS

Project: L2538805

Pace Project No.: 70362495

Sample: MW-10D		Lab ID: 70362495005		Collected: 06/19/25 08:50		Received: 06/21/25 08:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<0.20	mg/L	2.0	0.20	1		06/25/25 15:50		

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ANALYTICAL RESULTS

Project: L2538805

Pace Project No.: 70362495

Sample: EQUIPMENT BLANK		Lab ID: 70362495006		Collected: 06/19/25 12:00		Received: 06/21/25 08:30		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F W Sulfide Iodometric		Analytical Method: SM 4500-S2 F-2011 Pace Analytical Services - Melville							
Sulfide	<0.20	mg/L	2.0	0.20	1		06/25/25 15:53		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: L2538805
Pace Project No.: 70362495

QC Batch: 406223 Analysis Method: SM 4500-S2 F-2011
QC Batch Method: SM 4500-S2 F-2011 Analysis Description: 4500S2F W Sulfide Iodometric
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70362495001, 70362495002, 70362495003, 70362495004, 70362495005, 70362495006

METHOD BLANK: 2150349 Matrix: Water
Associated Lab Samples: 70362495001, 70362495002, 70362495003, 70362495004, 70362495005, 70362495006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	<0.20	2.0	0.20	06/25/25 15:56	

LABORATORY CONTROL SAMPLE: 2150350

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	14	14.0	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2150351 2150352

Parameter	Units	70362344006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	<2.0	11.2	11.2	0.80J	0.80J	-1	-1	70-130		20 M1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: L2538805
Pace Project No.: 70362495

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L2538805

Pace Project No.: 70362495

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70362495001	MW-4S	SM 4500-S2 F-2011	406223		
70362495002	MW-4D2	SM 4500-S2 F-2011	406223		
70362495003	SCDOH-DR	SM 4500-S2 F-2011	406223		
70362495004	MW-10S	SM 4500-S2 F-2011	406223		
70362495005	MW-10D	SM 4500-S2 F-2011	406223		
70362495006	EQUIPMENT BLANK	SM 4500-S2 F-2011	406223		

REPORT OF LABORATORY ANALYSIS

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Subcontract Chain of Custody Galbraith Laboratories, Inc. 2323 Sycamore Drive Knoxville, TN 37921				Pace Job Number L2538805				
Page 1								
Client Information Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.coupa.com Phone: 716.427.5228 Email: Jennifer.Bymes@pacelabs.com			Project Information Project Location: NY Project Manager: Jennifer Byrnes Turnaround & Deliverables Information Due Date: Deliverables: ASP Category B Deliverables (Level 4)					
Regulatory Requirements/Report Limits State/Federal Program: Regulatory Criteria: Report to MDL								
Project Specific Requirements and/or Report Requirements Reference following Pace Job Number on final report/deliverables: L2538805 Report to include Method and/or Regulatory required batch QC								
Additional Comments:								
Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
L2538805-01	MW-4S		06-19-25 11:10	WATER	Ammonium			0
L2538805-02	MW-4D2		06-19-25 11:05	WATER	Ammonium			0
L2538805-03	SCDOH-DR		06-19-25 10:00	WATER	Ammonium			0
L2538805-04	MW-10S		06-19-25 08:38	WATER	Ammonium			0
L2538805-05	MW-10D		06-19-25 08:50	WATER	Ammonium			0
L2538805-06	EQUIPMENT BLANK		06-19-25 12:00	Equipment Blank	Ammonium			0
Relinquished By:			Date/Time:		Received By:		Date/Time:	
			6/20/25 1710				6/20/25 1710	
			6/20/25					
			6-21-25 8:30					
Form No: AL_subcoc								

DC#_Title: ENV-FRM-MELV-0024 v07_SCUR
Effective Date: 4/12/2024

WO#: 70362495

Client Name: ALPHA

Project

PM: BDR

Due Date: 07/02/25

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other

CLIENT: ALPHA

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No Temperature Blank Present: ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other Type of Ice: ☒ Wet ☐ Blue ☐ None

Thermometer Used: TH211 Correction Factor: +0.2 ☐ Samples on ice, cooling process has begun

Cooler Temperature(°C): 0.9 Cooler Temperature Corrected(°C): 1.1 Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No

Did samples originate from a foreign source including Hawaii and Puerto Rico? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: MLG/23/25

	COMMENTS:
Chain of Custody Present: ☒ Yes ☐ No	1.
Chain of Custody Filled Out: ☒ Yes ☐ No	2.
Chain of Custody Relinquished: ☒ Yes ☐ No	3.
Sampler Name & Signature on COC: ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time: ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr): ☒ Yes ☒ No	6.
Rush Turn Around Time Requested: ☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD) ☒ Yes ☐ No	8.
Correct Containers Used: ☒ Yes ☐ No	9.
-Pace Containers Used: ☒ Yes ☐ No	10.
Containers Intact: ☒ Yes ☐ No	11.
Filtered volume received for Dissolved tests ☐ Yes ☐ No ☒ N/A	Note: if sediment is visible in the dissolved container.
Sample Labels match COC: ☒ Yes ☐ No	12.
-Includes date/time/ID/Analysis Matrix: ☒ SL ☐ WT ☐ OIL ☐ OTHER	

Date and Initials of person checking preservation: MLG/23/25

All containers needing preservation have been pH paper Lot # <u>231224</u>	13.	☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, ☒ Yes ☐ No ☐ N/A NAOH>12 Cyanide)	Sample #	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).	Initial when completed:	Lot # of added preservative:
Per Method, VOA pH is checked after analysis	Date/Time preservative added:	
Samples checked for dechlorination: ☐ Yes ☐ No ☒ N/A	14.	
KI starch test strips Lot #	Positive for Res. Chlorine? Y N	
Residual chlorine strips Lot #	15.	
SM 4500 CN samples checked for sulf ☐ Yes ☐ No ☒ N/A	Positive for Sulfide? Y N	
Lead Acetate Strips Lot #	16.	
Headspace in ALK Bottle (>6mm): ☐ Yes ☐ No ☒ N/A	17.	
Headspace in VOA Vials (>6mm): ☐ Yes ☐ No ☒ N/A		
Trip Blank Present: ☐ Yes ☐ No ☒ N/A		
Trip Blank Custody Seals Present ☐ Yes ☐ No ☒ N/A		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

* PM (Project Manager) review (which includes the SCUR) is documented electronically in LIMS.

			Subcontract Chain of Custody Pace Analytical (Melville) 575 Broad Hollow Road Melville, NY 11747			Pace Job Number L2538805		
						Page 1		
Client Information			Project Information			Regulatory Requirements/Report Limits		
Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.coupahost.com Phone: 716.427.5228 Email: Jennifer.Byrnes@pacelabs.com			Project Location: NY Project Manager: Jennifer Byrnes			State/Federal Program: Regulatory Criteria: Report to MDL		
			Turnaround & Deliverables Information Due Date: Deliverables: ASP Category B Deliverables (Level 4)					
Project Specific Requirements and/or Report Requirements								
Reference following Pace Job Number on final report/deliverables: L2538805 Report to include Method and/or Regulatory required batch QC								
Additional Comments: REPORT TO MDL, ASP B Package TAT= 1-2 Days after final report per Mike Miller",needs NYSDEC Equis EDD								
Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2538805-01 L2538805-02 L2538805-03 L2538805-04 L2538805-05 L2538805-06	MW-4S MW-4D2 SCDOH-DR MW-10S MW-10D EQUIPMENT BLANK	06-19-25 11:10 06-19-25 11:05 06-19-25 10:00 06-19-25 08:38 06-19-25 08:50 06-19-25 12:00	WATER WATER WATER WATER WATER Equipment Blank	Sulfide Sulfide Sulfide Sulfide Sulfide Sulfide			0 0 0 0 0 0
			Relinquished By:		Date/Time:	Received By:	Date/Time:	
Form No: AL_subcoc								



July 01, 2025

Jennifer Byrnes
Pace MA
Eight Walkup Drive
Westborough, MA 01581

RE: Project: L2538805
Pace Project No.: 50405484

Dear Jennifer Byrnes:

Enclosed are the analytical results for sample(s) received by the laboratory on June 24, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tina Sayer
tina.sayer@pacelabs.com
(317)228-3127
Project Manager

Enclosures

cc: Pace MA, Pace MA



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: L2538805
Pace Project No.: 50405484

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076

Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

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SAMPLE SUMMARY

Project: L2538805

Pace Project No.: 50405484

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50405484001	MW-4S	Water	06/19/25 11:10	06/24/25 10:00
50405484002	MW-4D2	Water	06/19/25 11:05	06/24/25 10:00
50405484003	SCDOH-DR	Water	06/19/25 10:00	06/24/25 10:00
50405484004	MW-10S	Water	06/19/25 08:38	06/24/25 10:00
50405484005	MW-10D	Water	06/19/25 08:50	06/24/25 10:00
50405484006	EQUIPMENT BLANK	Water	06/19/25 12:00	06/24/25 10:00

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SAMPLE ANALYTE COUNT

Project: L2538805
Pace Project No.: 50405484

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50405484001	MW-4S	EPA 9056	MTW	1
50405484002	MW-4D2	EPA 9056	MTW	1
50405484003	SCDOH-DR	EPA 9056	MTW	1
50405484004	MW-10S	EPA 9056	MTW	1
50405484005	MW-10D	EPA 9056	MTW	1
50405484006	EQUIPMENT BLANK	EPA 9056	MTW	1

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: L2538805
Pace Project No.: 50405484

Sample: MW-4S		Lab ID: 50405484001		Collected: 06/19/25 11:10		Received: 06/24/25 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	0.15	1		06/28/25 23:18		

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ANALYTICAL RESULTS

Project: L2538805
Pace Project No.: 50405484

Sample: MW-4D2		Lab ID: 50405484002		Collected: 06/19/25 11:05		Received: 06/24/25 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	0.15	1		06/28/25 23:38		

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ANALYTICAL RESULTS

Project: L2538805
Pace Project No.: 50405484

Sample: SCDOH-DR		Lab ID: 50405484003		Collected: 06/19/25 10:00		Received: 06/24/25 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	0.15	1		06/28/25 23:57		

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ANALYTICAL RESULTS

Project: L2538805

Pace Project No.: 50405484

Sample: MW-10S		Lab ID: 50405484004		Collected: 06/19/25 08:38		Received: 06/24/25 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/29/25 00:16		

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ANALYTICAL RESULTS

Project: L2538805
Pace Project No.: 50405484

Sample: MW-10D		Lab ID: 50405484005		Collected: 06/19/25 08:50		Received: 06/24/25 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	0.15	1		06/29/25 00:35		

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ANALYTICAL RESULTS

Project: L2538805

Pace Project No.: 50405484

Sample: EQUIPMENT BLANK		Lab ID: 50405484006		Collected: 06/19/25 12:00		Received: 06/24/25 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC									
Analytical Method: EPA 9056									
Pace Analytical Services - Indianapolis									
Iodide	ND	mg/L	0.50	0.15	1		06/29/25 00:55		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: L2538805
Pace Project No.: 50405484

QC Batch:	851349	Analysis Method:	EPA 9056
QC Batch Method:	EPA 9056	Analysis Description:	9056 Iodide by IC
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50405484001, 50405484002, 50405484003, 50405484004, 50405484005, 50405484006

METHOD BLANK:	3899525	Matrix:	Water
---------------	---------	---------	-------

Associated Lab Samples: 50405484001, 50405484002, 50405484003, 50405484004, 50405484005, 50405484006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iodide	mg/L	ND	0.50	0.15	06/29/25 01:14	

LABORATORY CONTROL SAMPLE: 3899526

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodide	mg/L	5	5.1	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3899527 3899528

Parameter	Units	50405253006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iodide	mg/L	ND	5	5	4.6	4.5	91	91	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: L2538805
Pace Project No.: 50405484

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: L2538805
Pace Project No.: 50405484

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50405484001	MW-4S	EPA 9056	851349		
50405484002	MW-4D2	EPA 9056	851349		
50405484003	SCDOH-DR	EPA 9056	851349		
50405484004	MW-10S	EPA 9056	851349		
50405484005	MW-10D	EPA 9056	851349		
50405484006	EQUIPMENT BLANK	EPA 9056	851349		

REPORT OF LABORATORY ANALYSIS

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WO#: 50405484



50405484

Pace Job Number:

L2538805

Page 1

			Subcontract Chain of Custody Pace Analytical (Indianapolis, IN) 7726 Moller Road Indianapolis, IN 46268			Pace Job Number: L2538805		
Client Information			Project Information			Regulatory Requirements/Report Limits		
Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.coupahost.com Phone: 716.427.5228 Email: Jennifer.Byrnes@pacelabs.com			Project Location: NY Project Manager: Jennifer Byrnes			State/Federal Program: Regulatory Criteria:		
			Turnaround & Deliverables Information					
			Due Date: Deliverables: ASP Category B Deliverables (Level 4)			Report to MDL		
Project Specific Requirements and/or Report Requirements								
Reference following Pace Job Number on final report/deliverables: L2538805						Report to include Method and/or Regulatory required batch QC		
Additional Comments: Profile # 11706: needs L4 and EDD 265 NY EQUIS								
Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2538805-01	MW-4S	06-19-25 11:10	WATER	Iodide EPA 9056			1
	L2538805-02	MW-4D2	06-19-25 11:05	WATER	Iodide EPA 9056			1
	L2538805-03	SCDOH-DR	06-19-25 10:00	WATER	Iodide EPA 9056			1
	L2538805-04	MW-10S	06-19-25 08:38	WATER	Iodide EPA 9056			1
	L2538805-05	MW-10D	06-19-25 08:50	WATER	Iodide EPA 9056			1
	L2538805-06	EQUIPMENT BLANK	06-19-25 12:00	Equipment Blank	Iodide EPA 9056			1
Relinquished By:			Date/Time:		Received By:		Date/Time:	
			6/23/25				6/24/25 10:00	
Form No: AL_subcoc								



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: MM 1612 06.24.25

1. <u>Thermometer:</u> 1 2 3 4 5 6 7 8 9 A B C D E F <u>G</u> H I	3. <u>Packing Material:</u> Bubble Wrap None Bubble Bags Other <u>black trash bag</u>
2. <u>Cooler Temperature(s):</u> <u>0.9/0.7</u> (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)	4. <u>Ice Type:</u> Wet Blue None
3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No	5. <u>Courier:</u> <u>Fed Ex</u> UPS Client Pace Now/Jett Other
Cooler temp should be above freezing to 6°C If the PM was contacted in the comments below, please write how they instructed the project to proceed	6. <u>Custody Seal on Cooler/Box Present:</u> <u>Yes</u> No (If yes) Seals Intact: <u>Yes</u> No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		/	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			/
Short Hold Time Analysis (48 hours or less)? Analysis:		/				/
Time 5035A TC placed in Freezer or Short Holds To Lab Time:			Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A
Rush TAT Requested (4 days or less):		/	Residual Chlorine Check (Total/Amenable/Free Cyanide)			/
Custody Signatures Present?	/		Headspace in VOA Vials (>6mm): See Container Count form for details	Present	Absent	No VOA Vials Sent
Containers Intact?:	/		Trip Blank Present?		/	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	/		Trip Blank Custody Seals?:			
Comments:			Extra labels on Terracore Vials? (soils only)			

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers

that are out of conformance **

COC Line Item	WGFLU	WGKU	BG1U	DI	R	DG9H	VG9H	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AMBER GLASS							PLASTIC							OTHER				Matrix																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
												AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F		Syringe Kit																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	NT3U	Non Teflon 250mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4U	125mL unpreserved plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4N	125mL HNO3 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	BP4S	125mL H2SO4 plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac	Miscellaneous	
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic		
VG9T	40mL Na Thio, clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	Syringe Kit	LL Cr+6 sampling kit
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	ZPLC	Ziploc Bag
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	R	Terracore Kit
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	SP5T	120mL Coliform Sodium Thiosulfate
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	GN	General Container
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	U	Summa Can (air sample)
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	WT	Water
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	SL	Solid
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	OL	Oil
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	NAL	Non-aqueous liquid
						WP	Wipe

Laboratory Report

Report prepared for:

Jennifer Byrnes
Pace Analytical Services, LLC
8 Walkup Drive
Westborough, MA 01581

Email: jennifer.byrnes@pacelabs.com, west.subreports@pacelabs.com

Report prepared by:

Debbie S Robertson

Purchase Order:**For further assistance, contact:**

Debbie S Robertson
Report Production Coordinator
2323 Sycamore Dr
Knoxville, TN 37921
(865) 546-1335
debbierobertson@galbraith.com

Sample: L2538805 MW-4S		Received: 2025-06-24			
Lab ID: 2025-W-2102					

Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	213.45 mg	2025-07-02

Sample: L2538805 MW-4D2		Received: 2025-06-24			
Lab ID: 2025-W-2103					

Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.68 mg	2025-07-02

Sample: L2538805 SCDOH-DR		Received: 2025-06-24			
Lab ID: 2025-W-2104					

Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.41 mg	2025-07-02

Sample: L2538805 MW-10S		Received: 2025-06-24			
Lab ID: 2025-W-2105					

Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	211.68 mg	2025-07-02

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Report Number: 161502



Report Date: 2025-07-03

Sample: L2538805 MW-10D		Received: 2025-06-24			
Lab ID: 2025-W-2106					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	213.07 mg	2025-07-02

Sample: L2538805 EQUIPMENT BLANK		Received: 2025-06-24			
Lab ID: 2025-W-2107					
Analysis	Method	Result	Basis	Sample Amount Used	Date (Time)
711: Ammonium					
	GLI Procedure ME-4D	< 5 ppm	As Received	212.46 mg	2025-07-02

Signatures:

Published By: Debbie.S.Robertson
 Created By: Debbie.S.Robertson

2025-07-03T20:07:47.013-04:00
 2025-07-03T20:07:17.873-04:00

- Physical signatures are on file.
- "Published By" signature indicates authorized release of data.

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Second Quarter 2025 Quarterly Groundwater Monitoring Report
416 Miller Place-Yaphank Road, Miller Place, New York

APPENDIX D

Field Notes

6/16/25	Coram Materials	AI
0630	AI at office to pick up materials. (ROUX)	
0700	BW (ROUX) at office	
0730	AI + BW (ROUX) mob to site	
0745	RM (ROUX) on site	
0800	AI + BW on site	
weather:	60-67°, cloudy. wind E @ 5-10 mph. RH= 96%, P= 30.15"	
scope:	gauging + groundwater sampling	

TIME	WELL	DTW
0841	MP-1	49.52
0842	MP-1D	50.63
0848	PZ-6	39.38
0849	MW-6D	42.81
0855	PZ-5	31.36
0854	MW-5D	33.05
0901	MW-8S	36.22
0902	MW-8D	38.69
0910	MW-12S	58.26
0913	MW-12D	60.41
0920	MW-4S	70.58
0921	MW-4D	71.85
0929	SCDOH-DR	46.72
- truck stuck in sand		

6/16/2025	Coram	Materials	AI
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1012	MW-10S	21.73	
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1011	MW-10D	22.25	
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1019	MW-13S	36.21	
------	--------	-------	--

1020	MW-13D	36.12	
------	--------	-------	--

1027	MW-11S	62.15	
------	--------	-------	--

1026	MW-11D	63.78	
------	--------	-------	--

1031	MW-1SR	25.85	
------	--------	-------	--

1032	MW-1DRZ	27.98	
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1035	-mob to site office to pick up equipment		
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	-calibrate horibas - see cal log		
--	----------------------------------	--	--

1100	mob to <u>MW-11S + MW-11D</u>		
------	-------------------------------	--	--

1125	Begin purging MW-11S		
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1132	Begin purging MW-11D		
------	----------------------	--	--

	MW-11S sample @ 1205, BW		
--	--------------------------	--	--

	MW-11D sample @ 1208, RM		
--	--------------------------	--	--

	Equipment blank @ 1230, AI		
--	----------------------------	--	--

1240	Mob to dumpster to dispose of tubing		
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1300	AI offsite		
------	------------	--	--

1305	Mob to <u>MW-1SR + MW-1DRZ</u>		
------	--------------------------------	--	--

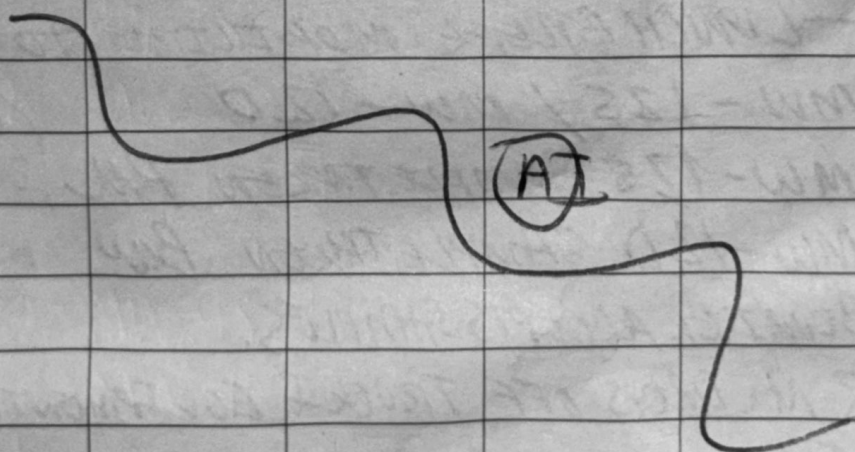
	MW-1DRZ sample @ 1345		
--	-----------------------	--	--

	MW-1SR sample @ 1350		
--	----------------------	--	--

1445	Pace pickup		
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1500	RM + BW offsite		
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6/17/25	Coram Materials	BW
0740	BW + RM (Roux) on site.	
Weather	62-72°F, Cloudy, Wind ESE @ 6 mph H: 93%. P: 30.07" Hg	
0830	Mob to MW-13S/D	
0915	Sample - <u>MW-13S</u> , BW *MS/MSD	
0930	Sample - <u>MW-13D</u> , RM	
	↳ DUP_06172025 @ 1200	
1015	Mob to <u>MP-1S/D</u> , Decon.	
1045	AI delivers tent, extra bottles, and COCs	
1100	MP-1S, AI BW	
1105	<u>MP-1D</u> , RM	
1200	Mob to <u>PZ-6</u> + <u>MW-6D</u> , Decon	
1300	PZ-6, RM	
1305	MW-6D, BW	
1330	Relinquish sampler, ROUX off-site	



00-18-25

CORAM MATERIALS

RM

0630 R.M. ON SITE (NY OFFICES ISLANDIA)
TO PICK UP TRUCK.

0730 RM ON SITE (CORAM).

WEATHER 18-76°F, RAIN/FOGGY, 95% H, 29.96" Hg
SOUTH SOUTHWEST @ 1-5 MPH.

SCOPE GROUNDWATER SAMPLING
CALIBRATED HORTTRAK. ONE OF THE
THREE HAS CAL ISSUE AND WILL NOT
BE USED. PSN-45491 NEEDS REPAIR.

0800 MOBILIZE TO MW-8S, MW-8D, DECON

0900 SAMPLE MW-8S BY RM

0905 SAMPLE MW-8D BY RM

0930 MOBILIZE TO MW-5D, PZ-5

1030 SAMPLE TAKEN @ MW-5D RM

1045 SAMPLE TAKEN @ PZ-5 RM

1130 - OFFLOAD SAMPLES PREP FOR NEXT ROUND

1200 - BW ON SITE FROM TRAINING @ ISLANDIA

1215 - LUNCH BREAK MOBILIZE TO
MW-12S / MW-12D

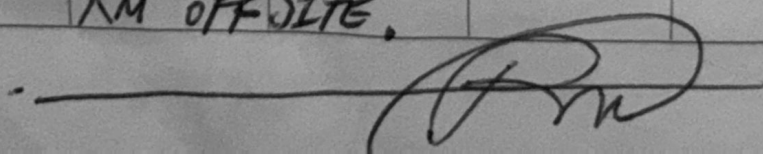
1320 MW-12S SAMPLE TAKEN RM, @ 1200 DWP_061526

1322 MW-12D SAMPLE TAKEN BW, MS/MSD

1445 COURIER ACCEPTS SAMPLES.

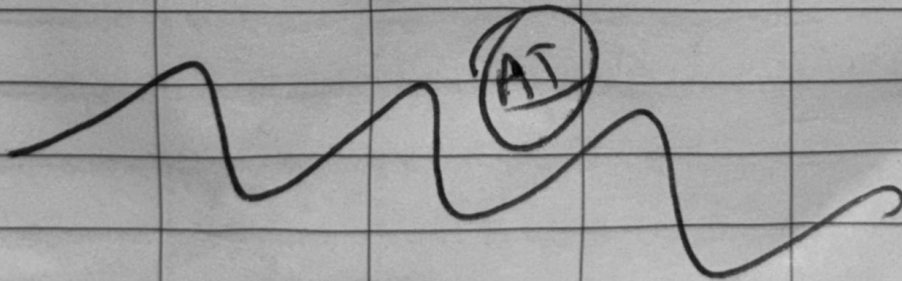
1515 RM DROPS OFF TRUCK & EQUIPMENT @
ISLANDIA OFFICE.

1535 RM OFF SITE.



	Coram Materials	AI
6/19/25		
0730	A. Iorvalino + B. Weintraub on site (ROUX)	
0740	calibrate Horiba - see cal log	
weather:	68-86 sunny, wind SW @ 6-20 mph. P: 29.84, RH: 81%	
scope:	Groundwater sampling	
0745	mobilize to MW-10S + MW-10D	
	decon equipment	
	MW-10S sample @ 8:38	
	MW-10D sample @ 8:50	
0910	Mobilize to dumpster	
0920	Mob to SCDOH-DR, decon equipment	
1000	SCDOH-DR sample @ 10:00	
1005	Mob to MW-4S + MW-4DZ, decon equipment	
	MW-4S sample @ 1110	
	MW-4DZ sample @ 1105	
1115	clean up site	
1200	AI + BVV (ROUX) offsite	

(AI)



Second Quarter 2025 Quarterly Groundwater Monitoring Report
416 Miller Place-Yaphank Road, Miller Place, New York

APPENDIX E

Chains of Custody

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 3		Date Rec'd in Lab 6/17/25		ALPHA Job # 12537655																		
	Project Information Project Name: <u>Coram Materials</u> Project Location: <u>416 Miller Place Yaphank Rd</u> Project # <u>2232-00067</u> (Use Project name as Project #) ☐ Project Manager: <u>Ashley Lervolino</u> ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:				Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☐ EQuIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #																		
	Client Information Client: <u>ROUX</u> Address: <u>209 Shafter St</u> <u>Islandia NY 11749</u> Phone: <u>631 232 2600</u> Fax: Email: <u>alervolino@rouxinc.com</u>				Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:																		
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:						ANALYSIS <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NYTCL-8260</th> <th>NYTCL-8270/GM</th> <th>TAL600/TAL200TS</th> <th>TDS-2540/TSS-2540</th> <th>CI-4500/BR-300</th> <th>NO3-4500</th> <th>NO2-4500</th> <th>TOTAL NITROGEN (KNO3)</th> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> </table>		NYTCL-8260	NYTCL-8270/GM	TAL600/TAL200TS	TDS-2540/TSS-2540	CI-4500/BR-300	NO3-4500	NO2-4500	TOTAL NITROGEN (KNO3)	X	X	X	X	X	X	X	X	Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
NYTCL-8260	NYTCL-8270/GM	TAL600/TAL200TS	TDS-2540/TSS-2540	CI-4500/BR-300	NO3-4500	NO2-4500	TOTAL NITROGEN (KNO3)																		
X	X	X	X	X	X	X	X																		
Please specify Metals or TAL.						Sample Specific Comments		T O T A L B O T T L E																	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials																				
		Date	Time																						
37655-01	MW-11S	6/16/25	1205	W	BW																				
02	MW-11D	6/16/25	1208	W	RM																				
-03	Equipment Blank	6/16/25	1230	W	AT																				
-04	MW-1DRZ	6/16/25	1345	W	BW																				
-05	MW-1SR	6/16/25	1350	W	RM																				
06	Trip ± Trip Blank			W																					
07-08																									
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V A P A P A A A Preservative B A C A A D D D		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																	
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By: <u>Anthony Green</u> Date/Time: <u>6/16/25 1445</u> <u>6/16/25 21:11</u>		Received By: <u>Anthony Green</u> Date/Time: <u>6/16/25 1445</u> <u>6-17 0830</u>		JUN 16 2025		06117125-0625																	

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 3 of 3		Date Rec'd In Lab 6/17/25		ALPHA Job # 125 37655																																																																																																																																																																																																																		
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-04	MW-1DRZ	↓	1345	W	BW	X																																																																																																																																																																																																																				
-05	MW-1SR	↓	1350	W	RM	X																																																																																																																																																																																																																				
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[illegible]

20538013

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Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

NEW YORK CHAIN OF CUSTODY

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers

Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page **XI**

of 1

Date Rec'd
in Lab

ALPHA Job #

Project Information

Project Name: Coram Groundwater Event
Project Location: 416 Miller Place-Yaphank Road
Project #
(Use Project name as Project #) ☐
Project Manager: Ashley Iervolino
ALPHAQuote #: 25147

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQUIS (1 File) ☐ EQUIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of
applicable disposal facilities.

Disposal Facility:

☐ NJ ☐ NY
☐ Other:

Client Information

Client: ROUX Env. Eng. & Geology, DPC
Address: 209 Shafter Street
Islandia, NY 11749-5074
Phone: 631-232-2600
Fax:
Email: aiervolino@Rouxinc.com

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	SUB-Sulfide	ANALYSIS										Total Bottle
		Date	Time														
	MW-135	6/7/25	0915	AQ	BW												1
	MW-130		0930		RM												1
	DUP-0617205		1200		RM												1
	MP-15		1100		BW												1
	MP-10		1105		RM												1
	PZ-6		1300		RM												1
	MW-6D		1305		BW												1
	Frip Blank (BW)																1

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

P

Preservative

C

Relinquished By:

Ben White

Date/Time

6/17/25

Received By:

Date/Time

Please print clearly, legibly
and completely. Samples can
not be logged in and
turnaround time clock will not
start until any ambiguities are
resolved. BY EXECUTING
THIS COC, THE CLIENT
HAS READ AND AGREES
TO BE BOUND BY ALPHA'S
TERMS & CONDITIONS.

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 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 2 of 2		Date Rec'd in Lab 6/19/25		ALPHA Job # L2538382																																																																																																																																																																																							
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 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-698-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 2 of 2		Date Rec'd in Lab <i>6/20/25</i>		ALPHA Job # <i>12538805</i>																																																																																																																																																																																																																	
		Project Information Project Name: Coram Groundwater Event Project Location: 416 Miller Place-Yaphank Road Project # _____ (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO # _____																																																																																																																																																																																																																			
Client Information Client: ROUX Env.Eng.&Geology, DPC Address: 209 Shafter Street Islandia, NY 11749-5074 Phone: 631-232-2600 Fax: _____ Email: aiervolino@Rouxinc.com		Project Manager: Ashley Iervolino ALPHAQuote #: 25147 Turn-Around Time Standard ☒ Due Date: _____ Rush (only if pre approved) ☐ # of Days: _____		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: _____ ☐ NJ ☐ NY ☐ Other: _____																																																																																																																																																																																																																			
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other						Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle						Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>P</td> <td>A</td> <td>P</td> <td>P</td> <td>P</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>D</td> <td>A</td> <td>D</td> <td>A</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		P	A	P	P	P						A	D	A	D	A						Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.																																																																																																																																																																																					
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