2nd Quarter 2024 Groundwater Monitoring Report

416 Miller Place-Yaphank Road
Miller Place, New York

November 4, 2024

Prepared for:

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Table of Contents

Tables

Figures

Appendices

A. Field Instrument Calibration Log

B. Groundwater Low-Flow Purge Logs

C. Laboratory Analytical Reports

D. Field Notes

E. Chains of Custody

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 2024 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 for 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 first quarter of 2024 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).

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 2024.

3.1 Groundwater Gauging

In accordance with the Work Plan, Roux conducted a complete water level gauging round on June 11, 2024, 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 11, 2024, 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 11, 2024, shallow groundwater elevations ranged from 48.89 feet above MSL in monitoring well MW-1SR to 50.93 feet above MSL in monitoring well MW-8S.

3.1.2 Deep Zone

On June 11, 2024, deep groundwater elevations ranged from 45.63 feet above MSL in monitoring well MW-6D to 50.08 feet above MSL in monitoring well MW-12D.

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 11 – 14, 2024. 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 Alpha Analytical, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program-certified laboratory located at 8 Walkup Drive Westborough, Massachusetts (Alpha Analytical).

Following sample collection at each available 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:
    - Ammonium via Method 9056A
    - Chloride via Method SM4500
    - Bromide via Method 300.1
    - Nitrate/Nitrite via Method SM4500
    - Total Nitrogen via USEPA Method TKN EPA 351.2
    - Sulfide via Method SM3500
    - Sulfate via Method 375.2
    - Phosphate via SM4500
    - Iodide via Method 9056A
    - Carbonate via Method 2320B
    - Bi-Carbonate via Method 2320B
    - Fluoride via Method SM4500
- Total Dissolved Solids via Method SM2540C
- Pesticides

- Herbicides
- PCBs

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 6. Category B analytical data packages provided by Alpha Analytical are included as Appendix C.

3.3.1 Volatile Organic Compounds

VOCs were largely undetected in groundwater samples. One VOC, 1,1,1-trichloroethane (TCA) was detected slightly above the AWQSGV (5 micrograms per liter [µg/L]) at a concentration of 7.0 µg/L in MW-12D, an increase from 5.1 µg/L during the first quarter 2024 sampling event.

3.3.2 Semivolatile Organic Compounds

SVOCs were detected in sixteen samples at concentrations exceeding AWQSGVs. A summary of the detections is provided below:

Compound	NYSDEC AWQSGV (ug/L)	Detections above AWQSGV	Range in Concentrations above AWQSGV (ug/L)	Sample with Maximum Concentration
Hexachlorobenzene	0.04	1	0.06 J	MW-10D
Phenol	1	16	1.2 J – 4.2 J	MW-10S

Based on the lack of historic phenol detections in groundwater and a comparison of the equipment blanks for the effected wells, it is believed the detections of phenol are due to laboratory cross-contamination.

3.3.3 Metals

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

Compound		AWQSGV (ug/L)	Detections above AWQSGV	Range in Concentrations above AWQSGV (ug/L)	Sample with Maximum Concentration
Antimony	Total	3	-	-	-
	Dissolved	3	3	13 J – 15.4 J	SCDOH-DR
Iron	Total	300	4	1,610 - 3,440	MW-11D
	Dissolved	300	3	2,500 – 3,170	MW-11D
Sodium	Total	20000	3	20,300 – 27,600	MW-12S
	Dissolved	20000	3	20,100 – 27,000	MW-12S

3.3.4 PCBs

There were no detections of PCBs in any of the samples.

3.3.5 Pesticides and Herbicides

There were no detections of pesticides or herbicides in any of the samples.

3.3.6 General Chemistry

There were no detections of any general chemical compounds with concentrations exceeding AWQSGVs.

4. Conclusions and Schedule for Future Monitoring Activities

The following sections present conclusions from the monitoring activities that occurred in the second quarter of 2024 and a description of the work that is scheduled to occur in the third quarter of 2024.

4.1 Conclusions

The VOC results of this quarterly sampling event identified the exceedance of one VOC, 1,1,1-TCA detected in monitoring well MW-12D, which is consistent with historical results.

The SVOC results showed detections of phenol in several groundwater samples, at concentrations exceeding AWQSGVs. While exceeding the AWQSGVs, all detected phenol concentrations are low (maximum concentration is 4.2 ug/L), and all concentrations reported are estimated values, such that they do not pose toxicity concerns. Based on historic and current site operations, and historic groundwater quality results, we do not believe these phenol detections are representative of groundwater quality at the Site. Based on our review of the data and related information, we have identified some potential explanations for the low-level concentrations of phenol detected in several samples:

- Laboratory cross contamination. Due to the presence of phenol in the equipment blanks as well as groundwater samples, it can be inferred that phenol may be an artifact that resulted from laboratory contamination. The lack of detections of other analytes in the equipment blank that are in fact found in groundwater, indicate that field decontamination procedures are effectively being implemented. Further, as confirmed in previous sampling events, the field equipment itself is not a source of phenol.

- Plants and biodegradation of plant materials. Phenol and its subgroups can be produced by plants and microorganisms, including at very high levels in the invasive plant species Autumn Olives. Autumn Olives are present at the Site near many of the wellheads that are sampled. The proximity of the sampling activities to these plants may have led to the low-level phenol detections.

- Phenol is utilized in many common consumer and household products, including cleaners, detergents, and pesticides, amongst many others. It is possible that very low levels of phenol were inadvertently introduced during the sampling process.

The presence of phenol in groundwater will continue to be monitored in future quarterly sampling events.

The metal concentrations detected are generally lower or consistent with those concentrations detected in historical groundwater sampling events.

4.2 Schedule

The next quarterly groundwater sampling event occurred in September 2024, and was performed in accordance with the Work Plan. A summary report and data deliverable is due to be submitted to the NYSDEC within 45 days of sample collection.

Respectfully submitted,

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

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TABLES

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 Wells	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		
MP-1	PBCs, Pesticides, Herbicide	First two quarters of sampling as part of baseline evaluation[1]
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		
Two hydraulically upgradient and two hydraulically downgradient monitoring wells.	Isotopic Uranium and Thorium, Radium 226/228, Per- and Polyflouroalkyn Substances (PFAS), 1,4-Dioxane	Two consecutive quarters as directed by NYSDEC.

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, June 11, 2024
Coram Materials, 416 Miller Place-Yaphank Road, Miller Place, NY

Well ID	MPE (ft)	June 11, 2024		
		DTB (ft)	DTW (ft)	GWE(ft)
MP-1	97.02	59.25	47.96	49.06
MP-1D	98	216.29	49.38	48.62
MW-1SR	73.59	30.86	24.70	48.89
MW-1DR2	73.51	190.44	26.62	46.89
MW-4S	120.17	76.10	69.38	50.79
MW-4D2	120	234.79	70.56	49.44
MW-5D	79.88	195.66	31.76	48.12
PZ-5	81.58	34.81	31.70	49.88
MW-6D	86.97	200.12	41.34	45.63
PZ-6	87.33	49.37	38.23	49.10
MW-8S	85.83	51.94	34.90	50.93
MW-8D	85.49	196.90	37.27	48.22
MW-10S	70.45	28.31	20.42	50.03
MW-10D	70.79	196.55	20.93	49.86
MW-11S	109.42	67.28	60.52	48.90
MW-11D	111.04	156.47	62.20	48.84
MW-12S	109.26	77.28	59.16	50.10
MW-12D	109.37	228.00	59.29	50.08
MW-13S	83.94	44.52	34.63	49.31
MW-13D	83.89	128.70	34.52	49.37
SCDOH-DR	95.4	136.76	45.66	49.74

Notes:

MPE - measuring point elevation (top of well casing)

DTB - depth to bottom

DTW - depth to water

GWE - groundwater elevation

NM - not measured

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 CACO3/L -	Milligrams per liter of Calcium Carbonate
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

Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	MP-1	MP-1D	MW-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D
Sample Designation:			MP-1	MP-1D	MW-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D
Sample Date:			06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/13/2024	06/13/2024	06/13/2024
Normal Sample or Field Duplicate:			N	N	N	FD	N	N	N	N
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	0.41 J
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	0.89 J
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	5 U	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	0.76 J	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-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D
		Sample Date:	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/13/2024	06/13/2024	06/13/2024
		Normal Sample or Field Duplicate:	N	N	N	FD	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	1.1
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

Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	MW-6D	MW-8D	MW-8S	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D
Sample Designation:			MW-6D	MW-8D	MW-8S	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D
Sample Date:			06/12/2024	06/12/2024	06/12/2024	06/14/2024	06/14/2024	06/11/2024	06/11/2024	06/13/2024
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N
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	**7**
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	2.8
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	3.8
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	5 U	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	1.5 J	1.8 J	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-6D	MW-8D	MW-8S	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D
		Sample Date:	06/12/2024	06/12/2024	06/12/2024	06/14/2024	06/14/2024	06/11/2024	06/11/2024	06/13/2024
		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	0.5 U	0.29 J
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

Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	Sample Designation:	MW-12S	MW-13D	MW-13S	PZ-5	PZ-5	PZ-6	SCDOH-DR	EB_06122024
			Sample Date:	06/13/2024	06/11/2024	06/11/2024	06/13/2024	06/13/2024	06/12/2024	06/14/2024	06/12/2024
			Normal Sample or Field Duplicate:	N	N	N	N	FD	N	N	EB
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	5 U	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	1.8 J	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-13S	PZ-5	PZ-5	PZ-6	SCDOH-DR	EB_06122024
		Sample Date:	06/13/2024	06/11/2024	06/11/2024	06/13/2024	06/13/2024	06/12/2024	06/14/2024	06/12/2024
		Normal Sample or Field Duplicate:	N	N	N	N	FD	N	N	EB
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	0.22 J	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

Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	Sample Designation: EB_06132024	TRIP BLANK_061124	TRIP BLANK_061124_2	TRIP BLANK_061124_3
			Sample Date: 06/13/2024	06/11/2024	06/11/2024	06/11/2024
			Normal Sample or Field Duplicate: EB	TB	TB	TB
1,1,1-Trichloroethane (TCA)	**5**	UG/L	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
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	UG/L	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
1,1-Dichloroethane	5	UG/L	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
1,2,3-Trichlorobenzene	5	UG/L	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
1,2-Dibromo-3-Chloropropane	0.04	UG/L	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
1,2-Dichlorobenzene	3	UG/L	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
1,2-Dichloropropane	1	UG/L	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
1,4-Dichlorobenzene	3	UG/L	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
Acetone	50	UG/L	5 U	5 U	5 U	5 U
Benzene	1	UG/L	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
Bromodichloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	UG/L	2 U	2 U	2 U	2 U
Bromomethane	5	UG/L	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
Carbon Tetrachloride	5	UG/L	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
Chloroethane	5	UG/L	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
Chloromethane	5	UG/L	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
Cis-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	--	UG/L	10 U	10 U	10 U	10 U
Dibromochloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	UG/L	5 U	5 U	5 U	5 U
Ethylbenzene	5	UG/L	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:	EB_06132024	TRIP BLANK_061124	TRIP BLANK_061124_2	TRIP BLANK_061124_3
		Sample Date:	06/13/2024	06/11/2024	06/11/2024	06/11/2024
		Normal Sample or Field Duplicate:	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
m,p-Xylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Acetate	--	UG/L	2 U	2 U	2 U	2 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	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
Methylcyclohexane	--	UG/L	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
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	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
Tert-Butyl Methyl Ether	10	UG/L	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
Toluene	5	UG/L	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
Trans-1,3-Dichloropropene	--	UG/L	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
Trichlorofluoromethane	5	UG/L	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
Xylenes	5	UG/L	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:	TRIP BLANK_061224
		Sample Date:	06/12/2024
		Normal Sample or Field Duplicate:	TB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	
1,1,1-Trichloroethane (TCA)	**5**	UG/L	2.5 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	UG/L	2.5 U
1,1,2-Trichloroethane	1	UG/L	1.5 U
1,1-Dichloroethane	5	UG/L	2.5 U
1,1-Dichloroethene	5	UG/L	0.5 U
1,2,3-Trichlorobenzene	5	UG/L	2.5 U
1,2,4-Trichlorobenzene	5	UG/L	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	UG/L	2 U
1,2-Dichlorobenzene	3	UG/L	2.5 U
1,2-Dichloroethane	0.6	UG/L	0.5 U
1,2-Dichloropropane	1	UG/L	1 U
1,3-Dichlorobenzene	3	UG/L	2.5 U
1,4-Dichlorobenzene	3	UG/L	2.5 U
2-Hexanone	50	UG/L	5 U
Acetone	50	UG/L	5 U
Benzene	1	UG/L	0.5 U
Bromochloromethane	5	UG/L	2.5 U
Bromodichloromethane	50	UG/L	0.5 U
Bromoform	50	UG/L	2 U
Bromomethane	5	UG/L	2.5 U
Carbon Disulfide	60	UG/L	5 U
Carbon Tetrachloride	5	UG/L	0.5 U
Chlorobenzene	5	UG/L	2.5 U
Chloroethane	5	UG/L	2.5 U
Chloroform	7	UG/L	2.5 U
Chloromethane	5	UG/L	2.5 U
Cis-1,2-Dichloroethylene	5	UG/L	2.5 U
Cis-1,3-Dichloropropene	--	UG/L	0.5 U
Cyclohexane	--	UG/L	10 U
Dibromochloromethane	50	UG/L	0.5 U
Dichlorodifluoromethane	5	UG/L	5 U
Ethylbenzene	5	UG/L	2.5 U

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

		Sample Designation:	TRIP BLANK_061224
		Sample Date:	06/12/2024
		Normal Sample or Field Duplicate:	TB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	
Isopropylbenzene (Cumene)	5	UG/L	2.5 U
m,p-Xylene	5	UG/L	2.5 U
Methyl Acetate	--	UG/L	2 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U
Methylcyclohexane	--	UG/L	10 U
Methylene Chloride	5	UG/L	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	2.5 U
Styrene	5	UG/L	2.5 U
Tert-Butyl Methyl Ether	10	UG/L	2.5 U
Tetrachloroethylene (PCE)	5	UG/L	0.5 U
Toluene	5	UG/L	2.5 U
Trans-1,2-Dichloroethene	5	UG/L	2.5 U
Trans-1,3-Dichloropropene	--	UG/L	0.5 U
Trichloroethylene (TCE)	5	UG/L	0.5 U
Trichlorofluoromethane	5	UG/L	2.5 U
Vinyl Chloride	2	UG/L	1 U
Xylenes	5	UG/L	2.5 U

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

Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	MP-1	MP-1D	MW-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D
Sample Designation:			MP-1	MP-1D	MW-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D
Sample Date:			06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/13/2024	06/13/2024	06/13/2024
Normal Sample or Field Duplicate:			N	N	N	FD	N	N	N	N
1,2,4,5-Tetrachlorobenzene	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	3	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
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	0.05 J
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

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-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D
Sample Date:			06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/13/2024	06/13/2024	06/13/2024
Normal Sample or Field Duplicate:			N	N	N	FD	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
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
Benzoic Acid	--	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	--	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
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	1.4 J
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	0.8 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
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	0.03 J	0.1 U	0.1 U	0.09 J
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
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	**3.5 J**	**3.2 J**	**2.4 J**	**3.5 J**	**1.2 J**	**2.2 J**	**1.9 J**

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-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D
		Sample Date:	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/13/2024	06/13/2024	06/13/2024
		Normal Sample or Field Duplicate:	N	N	N	FD	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
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-6D	MW-8D	MW-8S	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D
		Sample Date:	06/12/2024	06/12/2024	06/12/2024	06/14/2024	06/14/2024	06/11/2024	06/11/2024	06/13/2024
		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
1,2,4-Trichlorobenzene	5	UG/L	NA	NA	NA	5 U	5 U	NA	NA	NA
1,2-Dichlorobenzene	3	UG/L	NA	NA	NA	2 U	2 U	NA	NA	NA
1,3-Dichlorobenzene	3	UG/L	NA	NA	NA	2 U	2 U	NA	NA	NA
1,4-Dichlorobenzene	3	UG/L	NA	NA	NA	2 U	2 U	NA	NA	NA
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	0.07 J	0.1 U	0.1 U	0.1 U	0.1 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	0.03 J	0.1 U	0.1 U	0.1 U	0.1 U
Atrazine	7.5	UG/L	10 U	10 U	10 U	NA	NA	10 U	10 U	10 U
Benzaldehyde	--	UG/L	5 U	5 U	5 U	NA	NA	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

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

Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	MW-6D	MW-8D	MW-8S	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D
Sample Designation:			MW-6D	MW-8D	MW-8S	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D
Sample Date:			06/12/2024	06/12/2024	06/12/2024	06/14/2024	06/14/2024	06/11/2024	06/11/2024	06/13/2024
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N
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
Benzoic Acid	--	UG/L	NA	NA	NA	50 U	50 U	NA	NA	NA
Benzyl Alcohol	--	UG/L	NA	NA	NA	2 U	2 U	NA	NA	NA
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	2 U	2 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	1.9 J	10 U	10 U	NA	NA	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	**0.06 J**	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
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	0.04 J	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	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
Phenanthrene	50	UG/L	0.1 U	0.1 U	0.1 U	0.04 J	0.04 J	0.1 U	0.1 U	0.1 U
Phenol	**1**	UG/L	**2.1 J**	5 U	5 U	**1.3 J**	**4.2 J**	5 U	5 U	**1.8 J**

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

		Sample Designation:	MW-6D	MW-8D	MW-8S	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D
		Sample Date:	06/12/2024	06/12/2024	06/12/2024	06/14/2024	06/14/2024	06/11/2024	06/11/2024	06/13/2024
		Normal Sample or Field Duplicate:	N	N	N	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
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

Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	MW-12S	MW-13D	MW-13S	PZ-5	PZ-5	PZ-6	SCDOH-DR	EB_06122024
Sample Designation:			MW-12S	MW-13D	MW-13S	PZ-5	PZ-5	PZ-6	SCDOH-DR	EB_06122024
Sample Date:			06/13/2024	06/11/2024	06/11/2024	06/13/2024	06/13/2024	06/12/2024	06/14/2024	06/12/2024
Normal Sample or Field Duplicate:			N	N	N	N	FD	N	N	EB
1,2,4,5-Tetrachlorobenzene	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	3	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
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	0.08 J	0.1 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

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-13S	PZ-5	PZ-5	PZ-6	SCDOH-DR	EB_06122024
Sample Date:			06/13/2024	06/11/2024	06/11/2024	06/13/2024	06/13/2024	06/12/2024	06/14/2024	06/12/2024
Normal Sample or Field Duplicate:			N	N	N	N	FD	N	N	EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
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
Benzoic Acid	--	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	--	UG/L	NA	NA	NA	NA	NA	NA	NA	NA
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	1.9 J	3 U	3 U	3 U	3 U	3 U	2.3 J	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	2.1 J	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	0.8 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
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	0.07 J	0.1 U	0.1 U	0.1 U	0.07 J	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
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	0.8 J	5 U	**2.2 J**	**2.1 J**	5 U	0.72 J	**1.3 J**	**2 J**

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-13S	PZ-5	PZ-5	PZ-6	SCDOH-DR	EB_06122024
Sample Date:			06/13/2024	06/11/2024	06/11/2024	06/13/2024	06/13/2024	06/12/2024	06/14/2024	06/12/2024
Normal Sample or Field Duplicate:			N	N	N	N	FD	N	N	EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
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:		EB_06132024
	Sample Date:		06/13/2024
	Normal Sample or Field Duplicate:		EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	
1,2,4,5-Tetrachlorobenzene	5	UG/L	10 U
1,2,4-Trichlorobenzene	5	UG/L	NA
1,2-Dichlorobenzene	3	UG/L	NA
1,3-Dichlorobenzene	3	UG/L	NA
1,4-Dichlorobenzene	3	UG/L	NA
2,4,5-Trichlorophenol	--	UG/L	5 U
2,4,6-Trichlorophenol	--	UG/L	5 U
2,4-Dichlorophenol	5	UG/L	5 U
2,4-Dimethylphenol	50	UG/L	5 U
2,4-Dinitrophenol	10	UG/L	20 U
2,4-Dinitrotoluene	5	UG/L	5 U
2,6-Dinitrotoluene	5	UG/L	5 U
2-Chloronaphthalene	10	UG/L	0.2 U
2-Chlorophenol	--	UG/L	2 U
2-Methylnaphthalene	--	UG/L	0.1 U
2-Nitroaniline	5	UG/L	5 U
2-Nitrophenol	--	UG/L	10 U
3,3'-Dichlorobenzidine	5	UG/L	5 U
3-Nitroaniline	5	UG/L	5 U
4,6-Dinitro-2-Methylphenol	--	UG/L	10 U
4-Bromophenyl Phenyl Ether	--	UG/L	2 U
4-Chloro-3-Methylphenol	--	UG/L	2 U
4-Chloroaniline	5	UG/L	5 U
4-Chlorophenyl Phenyl Ether	--	UG/L	2 U
4-Nitroaniline	5	UG/L	5 U
4-Nitrophenol	--	UG/L	10 U
Acenaphthene	20	UG/L	0.1 U
Acenaphthylene	20	UG/L	0.1 U
Acetophenone	--	UG/L	5 U
Anthracene	50	UG/L	0.1 U
Atrazine	7.5	UG/L	10 U
Benzaldehyde	--	UG/L	5 U
Benzo(A)Anthracene	0.002	UG/L	0.1 U
Benzo(A)Pyrene	0	UG/L	0.1 U

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

	Sample Designation:		EB_06132024
	Sample Date:		06/13/2024
	Normal Sample or Field Duplicate:		EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	
Benzo(B)Fluoranthene	0.002	UG/L	0.1 U
Benzo(G,H,I)Perylene	--	UG/L	0.1 U
Benzo(K)Fluoranthene	0.002	UG/L	0.1 U
Benzoic Acid	--	UG/L	NA
Benzyl Alcohol	--	UG/L	NA
Benzyl Butyl Phthalate	50	UG/L	5 U
Biphenyl (Diphenyl)	5	UG/L	2 U
Bis(2-Chloroethoxy) Methane	5	UG/L	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	UG/L	0.1 U
Bis(2-Chloroisopropyl) Ether	5	UG/L	2 U
Bis(2-Ethylhexyl) Phthalate	5	UG/L	3 U
Caprolactam	--	UG/L	10 U
Carbazole	--	UG/L	2 U
Chrysene	0.002	UG/L	0.1 U
Dibenz(A,H)Anthracene	--	UG/L	0.1 U
Dibenzofuran	--	UG/L	2 U
Diethyl Phthalate	50	UG/L	5 U
Dimethyl Phthalate	50	UG/L	5 U
Di-N-Butyl Phthalate	50	UG/L	5 U
Di-N-Octylphthalate	--	UG/L	5 U
Fluoranthene	50	UG/L	0.1 U
Fluorene	50	UG/L	0.1 U
Hexachlorobenzene	**0.04**	UG/L	0.8 U
Hexachlorobutadiene	0.5	UG/L	0.5 U
Hexachlorocyclopentadiene	5	UG/L	20 U
Hexachloroethane	5	UG/L	0.8 U
Indeno(1,2,3-C,D)Pyrene	0.002	UG/L	0.1 U
M+P MethylPhenol	--	UG/L	5 U
Naphthalene	10	UG/L	0.1 U
Nitrobenzene	0.4	UG/L	2 U
N-Nitrosodi-N-Propylamine	--	UG/L	5 U
N-Nitrosodiphenylamine	50	UG/L	2 U
Phenanthrene	50	UG/L	0.1 U
Phenol	**1**	UG/L	**2.4 J**

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

		Sample Designation:	EB_06132024
		Sample Date:	06/13/2024
		Normal Sample or Field Duplicate:	EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	
Pyrene	50	UG/L	0.1 U

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

Sample Designation:			MW-4D2	MW-4D2	MW-4S	MW-4S	MW-5D	MW-5D	MW-6D	MW-6D	MW-8D	MW-8D
Sample Date:			06/13/2024	06/13/2024	06/13/2024	06/13/2024	06/13/2024	06/13/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024
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	54.8 J	100 U	89.3 J	100 U	96.3 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	13.9	15.5	17.9	19.7	55.8	47	11.1	10.3	30.1	29.5
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	11200	11700	8990	9210	15700	16600	11500	10800	12400	12100
Chromium, Total	50	UG/L	3.1 J	2.3 J	10 U	10 U	2.1 J	10 U	3.1 J	2.3 J	4.1 J	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	9.7 J	50 U	50 U	50 U	91.1	50 U	181	50 U	262	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	5540	5460	1370	1330	7070	6840	5500	5200	5780	5590
Manganese	300	UG/L	10 U	10 U	10 U	10 U	2.2 J	10 U	11.8	3.1 J	4.7 J	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	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	940 J	986 J	1330 J	1330 J	1420 J	1370 J	1080 J	1020 J	1210 J	1140 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	9020	8800	8540	8280	**20300**	**20400**	18200	16400	17600	16400
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	5 U	5 U	5 U	5 U	5 U	5 U

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

Sample Designation:			MW-8S	MW-8S	MW-10D	MW-10D	MW-10S	MW-10S	MW-11D	MW-11D	MW-11S	MW-11S
Sample Date:			06/12/2024	06/12/2024	06/14/2024	06/14/2024	06/14/2024	06/14/2024	06/11/2024	06/11/2024	06/11/2024	06/11/2024
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	1110	42.1 J	100 U	100 U	100 U	100 U	67.6 J	100 U	42.2 J	100 U
Antimony	**3**	UG/L	50 U	50 U	50 U	**13.8 J**	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	68.3	55.3	4.9 J	5 J	28.7	29	26.7	26.5	35	33.5
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	9090	8520	20400	17600	6180	5630	15800	15800	37700	35400
Chromium, Total	50	UG/L	2.5 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.4 J	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	4 J	10 U	10 U	10 U	2.6 J	10 U	10 U	10 U	3 J	3.6 J
Iron	**300**	UG/L	**1610**	50 U	95.9	62.6	50 U	50 U	**3440**	**3170**	60.1	25.1 J
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	4240	3690	2750	2310	2100	1800	5920	5870	11700	10800
Manganese	300	UG/L	211	141	28	23.4	4.2 J	3.7 J	47.7	48.4	3.6 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	2.9 J	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium	--	UG/L	1430 J	1060 J	815 J	820 J	984 J	964 J	919 J	821 J	1550 J	1300 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	4820	4220	6150	5680	2860	2650	7650	7550	4490	4330
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	2.4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	UG/L	6.2	5 U	5 U	5 U	5 U	2.3 J	3.1 J	2.3 J	10.2	6.4

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

Sample Designation:			MW-12D	MW-12D	MW-12S	MW-12S	MW-13D	MW-13D	MW-13S	MW-13S	PZ-5	PZ-5
Sample Date:			06/13/2024	06/13/2024	06/13/2024	06/13/2024	06/11/2024	06/11/2024	06/11/2024	06/11/2024	06/13/2024	06/13/2024
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	150	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	2 J
Barium	1000	UG/L	36.2	38.7	52	56.6	27.5	25.7	81.5	79.4	18.9	20.7
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	13600	13900	14400	14900	11700	11200	88900	86800	27500	28200
Chromium, Total	50	UG/L	3.7 J	3.3 J	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	20 U	20 U
Copper	200	UG/L	10 U	10 U	10 U	10 U	10 U	2.5 J	10 U	2.8 J	2.6 J	10 U
Iron	**300**	UG/L	28.5 J	50 U	17.1 J	50 U	146	50 U	38.7 J	32.2 J	9.6 J	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	5590	5520	2980	2910	5490	5300	12400	12100	7110	6960
Manganese	300	UG/L	10 U	10 U	24.2	22.8	3.4 J	10 U	2.3 J	10 U	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	0.2 U	0.2 U
Nickel	100	UG/L	4.1 J	3.7 J	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium	--	UG/L	1120 J	1110 J	1200 J	1200 J	1140 J	956 J	2610	2250 J	755 J	766 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	14300	13800	**27600**	**27000**	14300	13700	2840	2800	3970	3740
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	10.8	9.8	5 U	5 U	3.5 J	2.5 J	5 U	2.1 J	2.6 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	EB_06122024	EB_06122024	EB_06132024
Sample Date:			06/13/2024	06/13/2024	06/12/2024	06/12/2024	06/14/2024	06/14/2024	06/12/2024	06/12/2024	06/13/2024
Normal Sample or Field Duplicate:			FD	FD	N	N	N	N	EB	EB	EB
Total or Dissolved:			Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
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	100 U
Antimony	**3**	UG/L	50 U	50 U	50 U	50 U	50 U	**15.4 J**	50 U	50 U	50 U
Arsenic	25	UG/L	5 U	5 U	5 U	5 U	5 U	3.1 J	5 U	5 U	5 U
Barium	1000	UG/L	18.7	21	69	71.6	15.1	14.8	10 U	10 U	10 U
Beryllium	3	UG/L	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
Calcium	--	UG/L	27700	27700	87300	96500	14800	13600	40.8 J	100 U	41.1 J
Chromium, Total	50	UG/L	10 U	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	20 U
Copper	200	UG/L	2.3 J	2.4 J	3.5 J	4.2 J	10 U	10 U	10 U	10 U	10 U
Iron	**300**	UG/L	17.2 J	50 U	22.2 J	50 U	164	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
Magnesium	35000	UG/L	7200	6830	14600	16200	6510	5760	100 U	100 U	100 U
Manganese	300	UG/L	10 U	10 U	121	109	20.2	10 U	10 U	10 U	10 U
Mercury	0.7	UG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.1 J	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
Potassium	--	UG/L	720 J	789 J	5990	6270	1480 J	1460 J	2500 U	2500 U	2500 U
Selenium	10	UG/L	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
Sodium	**20000**	UG/L	3860	3720	11200	11100	**20700**	**20100**	146 J	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	20 U
Vanadium	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	UG/L	2.8 J	5 U	5 U	5 U	5 U	5 U	10.3	9.4	13.1

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

	Sample Designation:		EB_06132024
	Sample Date:		06/13/2024
	Normal Sample or Field Duplicate:		EB
	Total or Dissolved:		Dissolved
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	
Aluminum	--	UG/L	100 U
Antimony	**3**	UG/L	**13 J**
Arsenic	25	UG/L	5 U
Barium	1000	UG/L	10 U
Beryllium	3	UG/L	5 U
Cadmium	5	UG/L	5 U
Calcium	--	UG/L	38.9 J
Chromium, Total	50	UG/L	10 U
Cobalt	--	UG/L	20 U
Copper	200	UG/L	10 U
Iron	**300**	UG/L	50 U
Lead	25	UG/L	10 U
Magnesium	35000	UG/L	100 U
Manganese	300	UG/L	10 U
Mercury	0.7	UG/L	0.2 U
Nickel	100	UG/L	25 U
Potassium	--	UG/L	2500 U
Selenium	10	UG/L	10 U
Silver	50	UG/L	7 U
Sodium	**20000**	UG/L	2000 U
Thallium	0.5	UG/L	20 U
Vanadium	--	UG/L	10 U
Zinc	2000	UG/L	13

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

Sample Designation:			MP-1	MP-1D	MW-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D	MW-6D
Sample Date:			06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/13/2024	06/13/2024	06/13/2024	06/12/2024
Normal Sample or Field Duplicate:			N	N	N	FD	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units									
PCB-1016 (Aroclor 1016)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1221 (Aroclor 1221)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1232 (Aroclor 1232)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1242 (Aroclor 1242)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1248 (Aroclor 1248)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1254 (Aroclor 1254)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1260 (Aroclor 1260)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1262 (Aroclor 1262)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1268 (Aroclor 1268)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
Polychlorinated Biphenyl (PCBs)	0.09	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U

Table 6. Summary of Polychlorinated Biphenyls 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	MW-13D
Sample Date:			06/12/2024	06/12/2024	06/14/2024	06/14/2024	06/11/2024	06/11/2024	06/13/2024	06/13/2024	06/11/2024
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units									
PCB-1016 (Aroclor 1016)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1221 (Aroclor 1221)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1232 (Aroclor 1232)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1242 (Aroclor 1242)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1248 (Aroclor 1248)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1254 (Aroclor 1254)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1260 (Aroclor 1260)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1262 (Aroclor 1262)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1268 (Aroclor 1268)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
Polychlorinated Biphenyl (PCBs)	0.09	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U

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

Sample Designation:			MW-13S	PZ-5	PZ-5	PZ-6	SCDOH-DR	EB_06122024	EB_06132024
Sample Date:			06/11/2024	06/13/2024	06/13/2024	06/12/2024	06/14/2024	06/12/2024	06/13/2024
Normal Sample or Field Duplicate:			N	N	FD	N	N	EB	EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units							
PCB-1016 (Aroclor 1016)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1221 (Aroclor 1221)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1232 (Aroclor 1232)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1242 (Aroclor 1242)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1248 (Aroclor 1248)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1254 (Aroclor 1254)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1260 (Aroclor 1260)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1262 (Aroclor 1262)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1268 (Aroclor 1268)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
Polychlorinated Biphenyl (PCBs)	0.09	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U

Table 7. Summary of Pesticides and Herbicides in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MP-1	MP-1D	MW-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D
Sample Date:			06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/13/2024	06/13/2024	06/13/2024
Normal Sample or Field Duplicate:			N	N	N	FD	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
2,4-(Dichlorophenoxy)butyric acid	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-D (Dichlorophenoxyacetic Acid)	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetic acid, (2,4,5-trichlorophenoxy)-	35	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Aldrin	0	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Endosulfan	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Endosulfan	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
cis-Chlordane	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Dalapon	50	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Dicamba	44	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichloroprop	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dieldrin	0.004	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Dinoseb	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Endosulfan Sulfate	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin	0	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Aldehyde	5	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Ketone	5	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Gamma Bhc (Lindane)	0.05	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor Epoxide	0.03	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
MCPA	0.44	UG/L	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
Methoxychlor	35	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
P,P'-DDD	0.3	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
P,P'-DDE	0.2	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
P,P'-DDT	0.2	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Silvex (2,4,5-TP)	0.26	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Toxaphene	0.06	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
trans-Chlordane	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U

Table 7. Summary of Pesticides and Herbicides in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	MW-6D	MW-8D	MW-8S	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D
Sample Designation:			MW-6D	MW-8D	MW-8S	MW-10D	MW-10S	MW-11D	MW-11S	MW-12D
Sample Date:			06/12/2024	06/12/2024	06/12/2024	06/14/2024	06/14/2024	06/11/2024	06/11/2024	06/13/2024
Normal Sample or Field Duplicate:			N	N	N	N	N	N	N	N
2,4-(Dichlorophenoxy)butyric acid	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-D (Dichlorophenoxyacetic Acid)	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetic acid, (2,4,5-trichlorophenoxy)-	35	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Aldrin	0	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Endosulfan	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Endosulfan	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
cis-Chlordane	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Dalapon	50	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Dicamba	44	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichloroprop	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dieldrin	0.004	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Dinoseb	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Endosulfan Sulfate	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin	0	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Aldehyde	5	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Ketone	5	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Gamma Bhc (Lindane)	0.05	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor Epoxide	0.03	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
MCPA	0.44	UG/L	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
Methoxychlor	35	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
P,P'-DDD	0.3	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
P,P'-DDE	0.2	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
P,P'-DDT	0.2	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Silvex (2,4,5-TP)	0.26	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Toxaphene	0.06	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
trans-Chlordane	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U

Table 7. Summary of Pesticides and Herbicides in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Sample Designation:			MW-12S	MW-13D	MW-13S	PZ-5	PZ-5	PZ-6	SCDOH-DR	EB_06122024
Sample Date:			06/13/2024	06/11/2024	06/11/2024	06/13/2024	06/13/2024	06/12/2024	06/14/2024	06/12/2024
Normal Sample or Field Duplicate:			N	N	N	N	FD	N	N	EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units								
2,4-(Dichlorophenoxy)butyric acid	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-D (Dichlorophenoxyacetic Acid)	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetic acid, (2,4,5-trichlorophenoxy)-	35	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Aldrin	0	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Endosulfan	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Endosulfan	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
cis-Chlordane	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Dalapon	50	UG/L	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Dicamba	44	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichloroprop	--	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dieldrin	0.004	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Dinoseb	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Endosulfan Sulfate	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin	0	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Aldehyde	5	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Ketone	5	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Gamma Bhc (Lindane)	0.05	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor Epoxide	0.03	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
MCPA	0.44	UG/L	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
Methoxychlor	35	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
P,P'-DDD	0.3	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
P,P'-DDE	0.2	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
P,P'-DDT	0.2	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Silvex (2,4,5-TP)	0.26	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Toxaphene	0.06	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
trans-Chlordane	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U

Table 7. Summary of Pesticides and Herbicides in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

		Sample Designation:	EB_06132024
		Sample Date:	06/13/2024
		Normal Sample or Field Duplicate:	EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	
2,4-(Dichlorophenoxy)butyric acid	--	UG/L	10 U
2,4-D (Dichlorophenoxyacetic Acid)	50	UG/L	10 U
Acetic acid, (2,4,5-trichlorophenoxy)-	35	UG/L	2 U
Aldrin	0	UG/L	0.014 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	UG/L	0.014 U
Alpha Endosulfan	--	UG/L	0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	UG/L	0.014 U
Beta Endosulfan	--	UG/L	0.029 U
cis-Chlordane	--	UG/L	0.014 U
Dalapon	50	UG/L	20 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	UG/L	0.014 U
Dicamba	44	UG/L	1 U
Dichloroprop	--	UG/L	10 U
Dieldrin	0.004	UG/L	0.029 U
Dinoseb	--	UG/L	5 U
Endosulfan Sulfate	--	UG/L	0.029 U
Endrin	0	UG/L	0.029 U
Endrin Aldehyde	5	UG/L	0.029 U
Endrin Ketone	5	UG/L	0.029 U
Gamma Bhc (Lindane)	0.05	UG/L	0.014 U
Heptachlor	0.04	UG/L	0.014 U
Heptachlor Epoxide	0.03	UG/L	0.014 U
MCPA	0.44	UG/L	500 U
Methoxychlor	35	UG/L	0.143 U
P,P'-DDD	0.3	UG/L	0.029 U
P,P'-DDE	0.2	UG/L	0.029 U
P,P'-DDT	0.2	UG/L	0.029 U
Silvex (2,4,5-TP)	0.26	UG/L	2 U
Toxaphene	0.06	UG/L	0.143 U
trans-Chlordane	--	UG/L	0.014 U

Table 8. Summary of General Chemistry 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:	06/12/2024	06/12/2024	06/14/2024	06/14/2024	06/11/2024	06/11/2024	06/13/2024	06/13/2024
		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 CaCO3)	--	MGCACO3/L	62.1	47.2	44.8	22.4	35.9	119	27.8	22.4
Alkalinity, Carbonate (As CaCO3)	--	MGCACO3/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromide	--	MG/L	0.042 J	0.058	0.043 J	0.05 U	0.045 J	0.05 U	0.05 U	0.041 J
Chloride (As Cl)	250	MG/L	20	12	6.7	3.7	12	5.3	17	46
Fluoride	--	MG/L	0.09 J	0.05 J	0.06 J	0.02 J	0.05 J	0.03 J	0.06 J	0.04 J
Nitrogen, Kjeldahl, Total	--	MG/L	0.125 J	0.3 U	0.352	0.3 U	0.167 J	0.121 J	0.3 U	0.3 U
Nitrogen, Nitrate-Nitrite	10	MG/L	1.1	0.92	0.061 J	0.44	0.31	1.1	5.4	2.9
Phosphorus	--	MG/L	0.061	0.068	0.074	0.028 J	0.15	0.031 U	0.031 U	0.015 J
Sulfate (As SO4)	250	MG/L	16	41	19	3.3 J	4.2 J	6.5 J	14	8.1 J
Total Dissolved Solids (Residue, Filterable)	--	MG/L	120	160	79	13 U	94	150	86	130
Total Nitrogen, All Forms, Calculated	--	MG/L	1.1	0.92	0.35	0.44	0.31	1.1	5.4	2.9

Table 8. Summary of General Chemistry in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	MW-13D	MW-13S	MW-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D
Sample Designation:			MW-13D	MW-13S	MW-1DR2	MW-1DR2	MW-1SR	MW-4D2	MW-4S	MW-5D
Sample Date:			06/11/2024	06/11/2024	06/12/2024	06/12/2024	06/12/2024	06/13/2024	06/13/2024	06/13/2024
Normal Sample or Field Duplicate:			N	N	N	FD	N	N	N	N
Alkalinity, Bicarbonate (As CaCO3)	--	MGCACO3/L	19.2	222	32.3	32.5	63.8	27.7	22.7	27.2
Alkalinity, Carbonate (As CaCO3)	--	MGCACO3/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromide	--	MG/L	0.04 J	0.05 U	0.05 U	0.05 U	0.05 U	0.045 J	0.05 U	0.05 U
Chloride (As Cl)	250	MG/L	25	2.9	9.7	9.6	4.6	12	11	29
Fluoride	--	MG/L	0.03 J	0.04 J	0.05 J	0.03 J	0.06 J	0.04 J	0.04 J	0.04 J
Nitrogen, Kjeldahl, Total	--	MG/L	0.072 J	0.617	0.727	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Nitrogen, Nitrate-Nitrite	10	MG/L	2.2	1.8	1.6	1.6	0.81	2.3	0.56	7
Phosphorus	--	MG/L	0.031 U	0.077	0.031 U	0.031 U	0.031 U	0.058	0.022 J	0.015 J
Sulfate (As SO4)	250	MG/L	12	24	16	15	5.4 J	17	6.2 J	16
Total Dissolved Solids (Residue, Filterable)	--	MG/L	100	270	28	80	96	38	13 U	150
Total Nitrogen, All Forms, Calculated	--	MG/L	2.2	2.4	2.3	1.6	0.81	2.3	0.56	7

Table 8. Summary of General Chemistry in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units	Sample Designation: MW-6D	MW-8D	MW-8S	PZ-5	PZ-5	PZ-6	SCDOH-DR
			Sample Date: 06/12/2024	06/12/2024	06/12/2024	06/13/2024	06/13/2024	06/12/2024	06/14/2024
			Normal Sample or Field Duplicate: N	N	N	N	FD	N	N
Alkalinity, Bicarbonate (As CaCO3)	--	MGCACO3/L	40.7	20.1	13.1	64	69.2	245	27.3
Alkalinity, Carbonate (As CaCO3)	--	MGCACO3/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromide	--	MG/L	0.043 J	0.044 J	0.05 U	0.05 U	0.05 U	0.05 U	0.043 J
Chloride (As Cl)	250	MG/L	16	29	5.6	3.6	3.6	11	39
Fluoride	--	MG/L	0.06 J	0.04 J	0.06 J	0.03 J	0.03 J	0.08 J	0.03 J
Nitrogen, Kjeldahl, Total	--	MG/L	0.3 U	0.3 U	0.315	0.3 U	0.3 U	0.187 J	0.3 U
Nitrogen, Nitrate-Nitrite	10	MG/L	2.1	3.9	2	0.77	0.77	1.9	3.4
Phosphorus	--	MG/L	0.043	0.049	0.276	0.04	0.04	0.141	0.018 J
Sulfate (As SO4)	250	MG/L	18	15	16	34	33	52	14
Total Dissolved Solids (Residue, Filterable)	--	MG/L	88	140	45	120	120	360	94
Total Nitrogen, All Forms, Calculated	--	MG/L	2.1	3.9	2.3	0.77	0.77	1.9	3.4

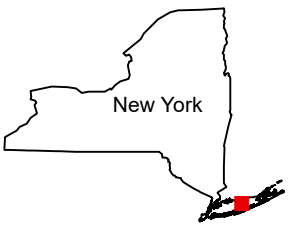
Table 8. Summary of General Chemistry in Groundwater, 416 Miller Place-Yaphank Road, Miller Place, New York

			Sample Designation:	EB_06122024	EB_06132024
			Sample Date:	06/12/2024	06/13/2024
			Normal Sample or Field Duplicate:	EB	EB
Parameter	NYSDEC Ambient Water Quality Standards and Guidance	Units			
Alkalinity, Bicarbonate (As CaCO3)	--	MGCACO3/L		2 U	4.4
Alkalinity, Carbonate (As CaCO3)	--	MGCACO3/L		2 U	2 U
Bromide	--	MG/L		0.05 U	0.05 U
Chloride (As Cl)	250	MG/L		1 U	1 U
Fluoride	--	MG/L		0.03 J	0.2 U
Nitrogen, Kjeldahl, Total	--	MG/L		0.3 U	0.3 U
Nitrogen, Nitrate-Nitrite	10	MG/L		0.1 U	0.1 U
Phosphorus	--	MG/L		0.031 U	0.031 U
Sulfate (As SO4)	250	MG/L		2.2 J	2 J
Total Dissolved Solids (Residue, Filterable)	--	MG/L		10 U	10 U
Total Nitrogen, All Forms, Calculated	--	MG/L		0.3 U	0.3 U

FIGURES

1. Site Location Map
2. Site Plan

QUADRANGLE LOCATION



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2,000 0 2,000'

Title:

SITE LOCATION MAP

416 MILLER PLACE-YAPHANK ROAD
MILLER PLACE, NEW YORK

Prepared for:

CORAM MATERIALS CORP./USC ATLANTIC, INC.

ROUX

Compiled by: V.S.	Date: 12/10/20	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	1
Project Mgr: V.S.	Project: 2232.0006Y003	
File: 2232.0006Y105.1.mxd		

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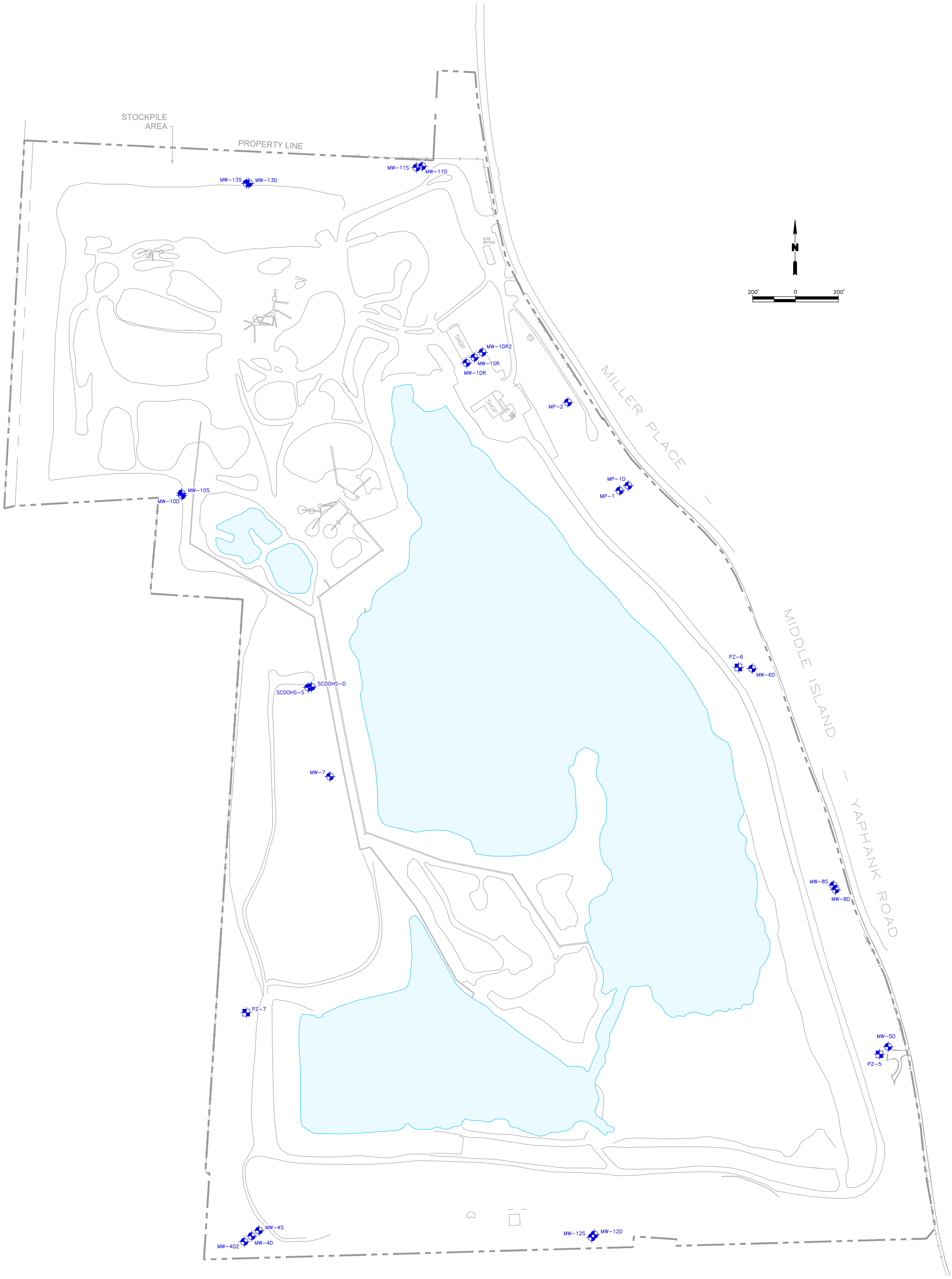


LEGEND

- 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: J.M.	Date: 22JUL24	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	2
Project Mgr: J.M.	Project: 2232.0006Y003	
File: 2232.0006Y127.02.DWG		

V:\CAD\PROJECTS\2232Y\0006Y\127\2232.0006Y127.02.DWG

APPENDICES

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

APPENDIX A

Field Instrument Calibration

Appendix A. 2nd Quarter 2024 Calibration Log
Coram Materials, 416 Miller Place-Yaphank Road, Miller Place, New York,

Calibration Log

Client: Coram Materials Corp./USC Atlantic, Inc. **Project Numbe** 2232.0006Y005

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

Date	Serial No.	Cal Soln. Lot #	Cal Soln. Exp.	pH	Conductivity	Turbidity	D.O.
6/11/2024	J99LEWXF	24007124	2/28/2025	3.99	4.47	0.0	9.12
6/11/2024	45KTS72F	24007124	2/28/2025	3.98	4.49	0.1	9.36
6/12/2024	J99LEWXF	24007124	2/28/2025	4.02	4.45	0.0	9.66
6/12/2024	45KTS72F	24007124	2/28/2025	4.00	4.49	0.0	10.52
6/13/2024	J99LEWXF	24007124	2/28/2025	4.10	4.45	0.0	10.08
6/13/2024	45KTS72F	24007124	2/28/2025	3.97	4.39	0.0	9.53
6/14/2024	J99LEWXF	24007124	2/28/2025	4.00	4.99	0.0	9.41
6/14/2024	45KTS72F	24007124	2/28/2025	3.99	4.48	0.0	8.85

APPENDIX B

Groundwater Low-Flow Purge Logs

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-1SR Weather: 70 F, sunny

Date: 6/12/2024 Purge Water Disposal: NA

Sampled By: PP Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 30.86 Water Column (ft): 6.48

Depth to Water(ft): 24.38 Volume of Water in Well (gal) 1.06

Depth to Product (ft): NA

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: 7:55:00 AM Purge Rate (ml/min): 300

End Purging: 9:10:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 8:30 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
7:55	24.45	300	248	0.152	8.1	6.46	12.73	2.99
8:00	24.45	300	243	0.152	2.3	6.53	12.71	2.31
8:05	24.45	300	229	0.151	0.0	6.60	12.65	1.87
8:10	24.45	300	221	0.151	0.0	6.63	12.64	1.67
8:15	24.45	300	218	0.151	0.0	6.64	12.63	1.62
8:20	24.45	300	215	0.152	0.0	6.66	12.63	1.63
8:25	24.45	300	213	0.152	0.0	6.67	12.63	1.64

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-1DR2 Weather: 70 F, sunny

Date: 6/12/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 190.44 Water Column (ft): 164.05

Depth to Water(ft): 26.39 Volume of Water in Well (gal) 26.77

Depth to Product (ft): NA

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: 7:50:00 AM Purge Rate (ml/min): 350

End Purging: 9:00:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Orange/lightbrown to clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 8:34 DUP_06122024 @ 12:00 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
8:04	26.41	350	176	0.142	190.0	5.89	12.62	7.48
8:14	26.41	350	158	0.144	30.2	6.10	12.26	5.60
8:19	26.41	350	159	0.144	10.3	6.13	12.24	5.51
8:24	26.41	350	160	0.144	6.8	6.13	12.24	5.40
8:29	26.41	350	161	0.143	2.4	6.14	12.22	5.35
8:34	26.41	350	163	0.141	0.0	6.13	12.21	5.37

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MP-1 Weather: 70 F, sunny

Date: 6/12/2024 Purge Water Disposal: NA

Sampled By: PP Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 59.25 Water Column (ft): 11.31

Depth to Water(ft): 47.94 Volume of Water in Well (gal) 1.85

Depth to Product (ft): NA

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: 9:50:00 AM Purge Rate (ml/min): 300

End Purging: 10:35:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 10:30 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
9:55	47.94	300	179	0.223	13.9	7.12	14.25	3.44
10:00	47.94	300	191	0.224	0.0	7.34	14.08	3.90
10:05	47.94	300	202	0.224	0.0	7.37	14.02	3.77
10:10	47.94	300	207	0.224	0.0	7.35	14.01	3.74
10:15	47.94	300	212	0.224	0.0	7.34	13.99	3.73
10:20	47.94	300	215	0.223	0.0	7.34	13.98	3.74
10:25	47.94	300	219	0.222	0.0	7.32	13.98	3.73

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MP-1D Weather: 70 F, sunny

Date: 6/12/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 216.29 Water Column (ft): 167.05

Depth to Water(ft): 49.24 Volume of Water in Well (gal) 27.26

Depth to Product (ft): NA

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: 9:50:00 AM Purge Rate (ml/min): 350

End Purging: 11:00:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Light brown, cloudy, to clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 10:50 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
10:00	49.28	350	88	0.233	886.0	6.29	14.23	0.00
10:05	49.28	350	110	0.235	438.0	6.19	14.21	0.00
10:10	49.28	350	117	0.234	298.0	6.14	14.17	0.00
10:15	49.28	350	125	0.234	197.0	6.10	14.13	0.00
10:20	49.28	350	122	0.235	135.0	6.22	14.23	0.00
10:25	49.28	350	124	0.235	81.3	6.21	14.35	0.00
10:30	49.28	350	128	0.235	52.1	6.21	14.38	0.00
10:35	49.28	350	130	0.235	37.0	6.21	14.39	0.00
10:40	49.28	350	132	0.235	26.8	6.21	14.39	0.00
10:45	49.28	350	135	0.235	18.3	6.21	14.39	0.00

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-4S Weather: 75 F, sunny

Date: 6/13/2024 Purge Water Disposal: NA

Sampled By: PP Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 76.10 Water Column (ft): 6.74

Depth to Water(ft): 69.36 Volume of Water in Well (gal) 1.10

Depth to Product (ft): NA

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: 11:09:00 AM Purge Rate (ml/min): 300

End Purging: 11:52:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 11:45 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
11:10	69.4	300	309	0.095	5.6	6.45	14.4	13.49
11:20	69.4	300	324	0.097	0.0	6.10	13.71	10.38
11:25	69.4	300	331	0.097	0.0	6.06	13.61	10.26
11:30	69.4	300	337	0.097	0.0	6.00	13.58	10.16
11:35	69.4	300	340	0.096	0.0	5.99	13.56	10.07
11:40	69.4	300	343	0.097	0.0	5.96	13.53	10.17

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-4D2 Weather: 75 F, sunny

Date: 6/13/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 234.79 Water Column (ft): 164.36

Depth to Water(ft): 70.43 Volume of Water in Well (gal) 26.83

Depth to Product (ft): NA

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: 11:07:00 AM Purge Rate (ml/min): 350

End Purging: 11:45:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 11:40 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
11:10	70.47	350	230	0.112	0.0	6.25	13.09	11.35
11:20	70.47	350	218	0.140	10.8	6.18	12.8	4.99
11:25	70.47	350	218	0.145	0.0	6.18	12.76	4.63
11:30	70.47	350	216	0.147	0.0	6.25	12.69	4.48
11:35	70.47	350	219	0.148	0.0	6.23	12.65	4.43
11:40	70.47	350	221	0.148	0.0	6.22	12.64	4.41

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: PZ-5 Weather: 75 F, sunny

Date: 6/13/2024 Purge Water Disposal: NA

Sampled By: PP Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 34.81 Water Column (ft): 4.63

Depth to Water(ft): 30.18 Volume of Water in Well (gal) 0.76

Depth to Product (ft): NA

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: 8:12:00 AM Purge Rate (ml/min): 300

End Purging: 9:10:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 8:50 DUP_06132024 @ 11:00 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
8:15	30.2	300	289	0.216	23.3	6.22	13.45	5.71
8:20	30.2	300	274	0.212	9.8	6.27	13.33	4.66
8:25	30.2	300	261	0.211	0.0	6.29	13.28	4.08
8:30	30.2	300	257	0.210	0.0	6.28	13.28	3.85
8:35	30.2	300	253	0.208	0.0	6.27	13.30	3.67
8:40	30.2	300	252	0.208	0.0	6.27	13.3	3.40
8:45	30.2	300	251	0.207	0.0	6.26	13.3	3.34

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-5D Weather: 75 F, sunny

Date: 6/13/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 195.66 Water Column (ft): 163.99

Depth to Water(ft): 31.67 Volume of Water in Well (gal) 26.76

Depth to Product (ft): NA

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: 8:10:00 AM Purge Rate (ml/min): 300

End Purging: 9:10:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Light orange to clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 9:00 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
8:25	31.7	300	310	0.232	263.0	6.08	12.58	9.43
8:30	31.7	300	297	0.234	43.4	6.04	12.34	7.83
8:35	31.7	300	295	0.233	18.1	6.00	12.3	7.59
8:40	31.7	300	295	0.233	12.1	6.00	12.29	7.48
8:45	31.7	300	297	0.233	6.2	6.00	12.28	7.41
8:50	31.7	300	297	0.234	5.5	6.02	12.25	7.38
8:55	31.7	300	298	0.234	3.6	6.03	12.26	7.36
9:00	31.7	300	299	0.234	2.0	6.04	12.27	7.34

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: PZ-6 Weather: 70 F, sunny

Date: 6/12/2024 Purge Water Disposal: NA

Sampled By: PP Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 49.37 Water Column (ft): 11.16

Depth to Water(ft): 38.21 Volume of Water in Well (gal) 1.82

Depth to Product (ft): NA

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: 11:45:00 AM Purge Rate (ml/min): 300

End Purging: 12:25:00 PM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 12:25 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
11:50	38.25	300	215	0.571	183.0	6.67	16.02	0.45
11:55	38.25	300	214	0.565	152.0	6.65	15.90	0.02
12:00	38.25	300	207	0.571	48.0	6.67	15.79	0.00
12:05	38.25	300	200	0.575	12.6	6.67	15.74	0.00
12:10	38.25	300	199	0.582	6.2	6.68	15.73	0.00
12:15	38.25	300	198	0.578	2.8	6.67	15.70	0.00
12:20	38.25	300	196	0.569	1.9	6.68	15.74	0.00

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-6D Weather: 70 F, sunny

Date: 6/12/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 200.12 Water Column (ft): 158.82

Depth to Water(ft): 41.30 Volume of Water in Well (gal) 25.92

Depth to Product (ft): NA

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: 11:45:00 AM Purge Rate (ml/min): 350

End Purging: 12:45:00 PM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Light brown to clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 12:38 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
11:53	41.36	350	249	0.180	378.0	6.99	13.69	5.45
11:58	41.36	350	261	0.181	120.0	6.52	13.61	4.79
12:03	41.36	350	264	0.180	102.0	6.44	13.54	4.72
12:08	41.36	350	266	0.182	67.1	6.37	13.54	4.69
12:18	41.36	350	259	0.180	94.7	6.41	13.38	4.99
12:23	41.36	350	267	0.181	52.5	6.32	13.46	4.79
12:28	41.36	350	270	0.181	16.3	6.28	13.42	4.80
12:33	41.36	350	273	0.182	6.2	6.28	13.39	4.79
12:38	41.36	350	275	0.182	3.8	6.27	13.38	4.78

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-8S Weather: 75 F, sunny

Date: 6/12/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 51.94 Water Column (ft): 17.04

Depth to Water(ft): 34.90 Volume of Water in Well (gal) 2.78

Depth to Product (ft): NA

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: 1:07:00 PM Purge Rate (ml/min): 300

End Purging: 2:00:00 PM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 13:55 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
13:10	34.9	300	349	0.097	155.0	5.23	14.44	6.07
13:15	34.9	300	383	0.097	116.0	4.99	14.21	5.24
13:20	34.9	300	393	0.097	89.6	4.96	14.22	5.16
13:25	34.9	300	399	0.097	76.3	4.91	14.50	5.12
13:30	34.9	300	405	0.098	53.4	4.91	14.17	5.10
13:35	34.9	300	406	0.099	49.9	4.91	14.2	5.09
13:40	34.9	300	408	0.099	42.2	4.9	14.19	5.06
13:45	34.9	300	407	0.100	40.7	4.91	14.21	5.05
13:50	34.9	300	406	0.101	40.9	4.93	14.2	5.04
13:55	34.9	300	407	0.101	39.8	4.92	14.2	5.04

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-8D Weather: 75 F, sunny

Date: 6/12/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 196.90 Water Column (ft): 159.65

Depth to Water(ft): 37.25 Volume of Water in Well (gal) 26.06

Depth to Product (ft): NA

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: 1:04:00 PM Purge Rate (ml/min): 350

End Purging: 2:00:00 PM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 13:56 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
13:11	37.31	350	154	0.207	210.0	6.57	14.32	10.27
13:16	37.31	350	198	0.203	112.0	5.99	14.23	7.29
13:21	37.31	350	203	0.203	86.9	5.97	14.18	7.00
13:26	37.31	350	209	0.202	100.0	5.95	14.13	6.85
13:31	37.31	350	215	0.202	67.0	5.93	14.11	5.93
13:36	37.31	350	218	0.202	73.8	5.94	14.18	6.61
13:41	37.31	350	213	0.202	56.6	5.99	15.09	4.39
13:46	37.31	350	201	0.201	54.6	5.99	15.19	3.54
13:51	37.31	350	202	0.199	46.2	5.99	15.32	3.55
13:56	37.31	350	204	0.198	41.7	5.99	15.83	3.55

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-10S Weather: 75F, Sunny

Date: 6/14/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 28.31 Water Column (ft): 7.93

Depth to Water(ft): 20.38 Volume of Water in Well (gal) 1.29

Depth to Product (ft): NA

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: 9:03:00 AM Purge Rate (ml/min): 350

End Purging: 9:40:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 9:35 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
9:10	20.38	350	278	0.066	0.0	5.41	12.67	9.02
9:15	20.38	350	277	0.061	0.0	5.45	12.64	6.68
9:20	20.38	350	284	0.060	0.0	5.40	12.54	5.85
9:25	20.38	350	284	0.060	0.0	5.43	12.51	5.52
9:30	20.38	350	285	0.060	0.0	5.43	12.53	5.47
9:35	20.38	350	287	0.060	0.0	5.44	12.48	5.43

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-10D Weather: 75 F, sunny

Date: 6/14/2024 Purge Water Disposal: NA

Sampled By: PP Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 196.55 Water Column (ft): 175.67

Depth to Water(ft): 20.88 Volume of Water in Well (gal) 28.67

Depth to Product (ft): NA

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: 9:12:00 AM Purge Rate (ml/min): 350

End Purging: 9:45:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 9:40 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
9:10	20.88	350	173	0.265	0.0	12.02	12.22	0.28
9:15	20.88	350	160	0.212	12.4	11.77	12.12	0.00
9:20	20.88	350	-69	0.158	8.9	8.81	11.96	0.00
9:25	20.88	350	39	0.147	0.0	7.92	11.91	0.00
9:30	20.88	350	40	0.144	0.0	7.46	11.89	0.00
9:35	20.88	350	46	0.143	0.0	7.32	11.87	0.00
9:40	20.88	350	48	0.142	0.0	7.29	11.9	0.00

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-11S Weather: 67 F, sunny

Date: 6/11/2024 Purge Water Disposal: NA

Sampled By: PP Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 67.28 Water Column (ft): 6.76

Depth to Water(ft): 60.52 Volume of Water in Well (gal) 1.10

Depth to Product (ft): NA

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: 10:00:00 AM Purge Rate (ml/min): 350

End Purging: 11:00:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 10:50 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
10:05	60.52	350	264	0.278	12.9	6.51	17.41	7.10
10:10	60.52	350	266	0.278	5.9	6.05	16.71	6.27
10:15	60.52	350	272	0.278	0.2	5.97	16.57	6.11
10:20	60.52	350	276	0.279	0.2	5.94	16.41	6.01
10:25	60.52	350	280	0.280	0.0	5.94	16.43	5.99
10:30	60.52	350	280	0.280	0.0	5.94	16.64	5.94
10:35	60.52	350	280	0.279	0.0	5.95	16.73	5.85
10:40	60.52	350	276	0.279	0.0	5.95	17.2	5.64

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-11D Weather: 70 F, sunny

Date: 6/11/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 156.47 Water Column (ft): 94.27

Depth to Water(ft): 62.20 Volume of Water in Well (gal) 15.39

Depth to Product (ft): NA

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: 9:55:00 AM Purge Rate (ml/min): 350

End Purging: 11:00:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Orange to clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 10:52 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
10:12	62.2	350	45	0.188	173.0	7.00	14.02	0.00
10:17	62.2	350	23	0.187	78.0	6.47	13.7	0.00
10:22	62.2	350	18	0.187	52.4	6.41	13.77	0.00
10:27	62.2	350	15	0.187	30.9	6.36	13.88	0.00
10:32	62.2	350	13	0.187	20.9	6.35	13.88	0.00
10:37	62.2	350	8	0.187	13.2	6.37	13.91	0.00
10:42	62.2	350	6	0.187	12.0	6.39	13.95	0.00
10:47	62.2	350	2	0.186	9.2	6.42	13.93	0.00
10:52	62.2	350	-1	0.186	8.5	6.45	13.93	0.00

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-12S Weather: 75 F, sunny

Date: 6/13/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 77.28 Water Column (ft): 18.14

Depth to Water(ft): 59.14 Volume of Water in Well (gal) 2.96

Depth to Product (ft): NA

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: 10:00:00 AM Purge Rate (ml/min): 300

End Purging: 10:40:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 10:35 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
10:05	59.2	300	317	0.245	42.9	5.99	14.2	9.66
10:10	59.2	300	325	0.244	15.3	5.88	13.37	9.48
10:15	59.2	300	335	0.240	0.2	5.85	13.34	9.40
10:20	59.2	300	344	0.238	0.0	5.82	13.31	9.36
10:25	59.2	300	346	0.235	0.0	5.80	13.47	9.31
10:30	59.2	300	344	0.238	0.0	5.83	13.48	9.28

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-12D Weather: 75 F, sunny

Date: 6/13/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 228.00 Water Column (ft): 168.83

Depth to Water(ft): 59.17 Volume of Water in Well (gal) 27.55

Depth to Product (ft): NA

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: 10:00:00 AM Purge Rate (ml/min): 300

End Purging: 10:35:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 10:30 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
10:05	59.17	300	224	0.184	55.9	6.43	13.42	3.16
10:10	59.17	300	235	0.186	5.6	5.75	12.72	0.00
10:15	59.17	300	236	0.187	0.9	5.74	12.72	0.00
10:20	59.17	300	239	0.186	0.0	5.71	12.77	0.00
10:25	59.17	300	240	0.186	0.0	5.72	12.75	0.00
10:30	59.17	300	237	0.187	0.0	5.79	12.74	0.00

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-13S Weather: 75 F, sunny

Date: 6/11/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 44.52 Water Column (ft): 9.89

Depth to Water(ft): 34.63 Volume of Water in Well (gal) 1.61

Depth to Product (ft): NA

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: 11:53:00 AM Purge Rate (ml/min): 350

End Purging: 12:28:00 PM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 12:23 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
11:58	34.63	350	171	0.493	58.6	6.35	14.29	3.60
12:03	34.63	350	185	0.501	15.5	6.28	13.76	0.37
12:08	34.63	350	189	0.505	9.6	6.27	13.69	0.18
12:13	34.63	350	192	0.502	5.8	6.25	13.66	0.08
12:18	34.63	350	194	0.502	5.4	6.26	13.65	0.10
12:23	34.63	350	194	0.502	6.6	6.27	13.69	0.07

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: MW-13D Weather: 68F, sunny

Date: 6/11/2024 Purge Water Disposal: NA

Sampled By: PP Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 128.70 Water Column (ft): 94.18

Depth to Water(ft): 34.52 Volume of Water in Well (gal) 15.37

Depth to Product (ft): NA

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: 11:55:00 AM Purge Rate (ml/min): 350

End Purging: 12:45:00 PM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 12:35 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
12:00	34.52	350	294	0.184	181.0	6.40	13.64	9.61
12:05	34.52	350	308	0.185	98.6	6.05	13.2	8.44
12:10	34.52	350	324	0.186	62.4	5.70	13.2	7.84
12:15	34.52	350	329	0.186	35.1	5.67	13.17	7.81
12:20	34.52	350	333	0.186	13.1	5.67	13.17	7.81
12:25	34.52	350	334	0.186	8.2	5.66	13.17	7.70
12:30	34.52	350	335	0.186	8.8	5.66	13.14	7.84

ROUX

Well Sampling Data Form

Client: Coram Materials **Project Number:** 2232.0006Y005

Site Location: 416 Miller Place-Yaphank Road, Miller Place, New York

Well No: SCDOH-DR Weather: 70 F, Sunny

Date: 6/14/2024 Purge Water Disposal: NA

Sampled By: JM Well Diameter / Type: 2" Stick-Up/PVC

Depth of Well (ft): 136.76 Water Column (ft): 91.22

Depth to Water(ft): 45.54 Volume of Water in Well (gal) 14.89

Depth to Product (ft): NA

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: 8:03:00 AM Purge Rate (ml/min): 350

End Purging: 8:40:00 AM

Method of Purge: Grundfos Pump Method of Sampling: low flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) VOCs, SVOCs, TAL Metals, Cations, Anions, Pesticides, Herbicides, PCBs

Time: 8:35 Laboratory : Pace

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^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
8:08	45.54	350	329	0.238	75.9	5.66	13.25	10.40
8:13	45.54	350	325	0.230	23.9	5.67	13.11	8.80
8:18	45.54	350	321	0.229	2.9	5.68	13.06	8.21
8:23	45.54	350	321	0.229	0.0	5.69	13.03	8.11
8:28	45.54	350	322	0.229	0.0	5.71	13.05	8.03
8:33	45.54	350	323	0.229	0.0	5.71	13.04	7.99

ROUX

APPENDIX C

Laboratory Analytical Reports

6/11/24 2232.00064.005 JW

0715 P. Perry, J. Michaels (Rowe) onsite

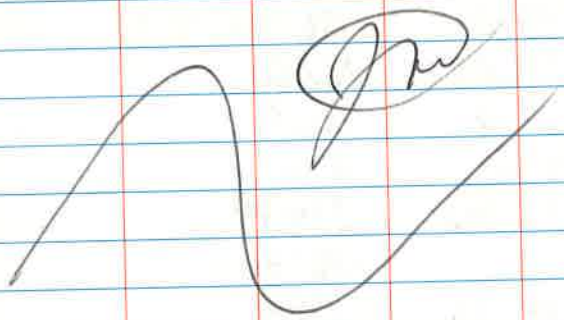
Weather: 57-74°F, sunny, wind NW 6 mph; RH: 75%; Pres: 29.91" Hg

Scope: Gauging; Quarterly GWS

Well ID	DTW	DTB
MW-11D	62.20	156.47
MW-11S	60.52	67.28
MW-12S	34.63	44.52
MW-13D	34.52	128.70
MW-1D2	~~20.62~~	190.44
MW-1SR	24.70	30.86
MW-6D	41.34	~~$~~200.12
PZ-6	38.23	49.37
PZ-5	~~31.70~~ 31.70	34.81
MW-5D	31.76	195.66
MW-8S	34.90	51.94
MW-8D	37.27	196.90
MW-12D	59.29	228.00
MW-12S	59.16	77.28
MW-4S	69.38	76.10
MW-4D2	70.56	234.79
SCDOH-DR	45.66	136.76
MW-10S	20.42	28.31
MW-10D	20.93	196.55
MP-1	47.96	59.25
MP-1D	49.38	216.29

6/11/24 2232.000064005

0900 Finish gauging. Confirm lab dropoff at 1000 w/ Pace
Mob to MW-11S/MW-11D
* See cal sheet for horiba info
0950 Jackie Dressler onsite (NYSDEC)
★ MW-11D @ 1052
★ MW-11S @ 1050
- Decon equipment and demob.
1130 Mob to MW-13S/MW-13D
★ MW-13S @ 1223
★ MW-13D @ 1235
- Decon equipment and demob
1300 clear brush from well clusters
1400 Relinquish samples to couris.
1415 all offsite.



163

6/12/24 2232.000064005

0715 J. Michaels + P. Peny (Rowe) onsite
Weather: 57-77°F, sunny; wind: NNW @ 5mph; RH: 76%; Pres: 30.03" Hg
Scope: Cont'd quarterly GWS
- Calibrate horibas - see cal sheet
- Conduct H+S Tailgate
0730 Mob to MW-1SR/MW-1DR2
★ MW-1SR @ 0830 w/ TRIPLICATE MS/MSD
★ MW-1DR2 @ 0834
★ DUP_06122024 @ 1200
Demob + decon equipment
0930 Collect Equipment Blank
★ EB_06122024 @ 0940
0940 Mob to MP-1 / MP-1D
★ MP-1 @ 1030
★ MP-1D @ 1050
Decon and demob.
1110 Mob to MW-6D/PZ-6
★ PZ-6 @ 1225
★ MW-6D @ 1238
1245 Decon equipment and demob
Mob to MW-8S/MW-8D
★ MW-8S @ 1355
★ MW-8D @ 1356

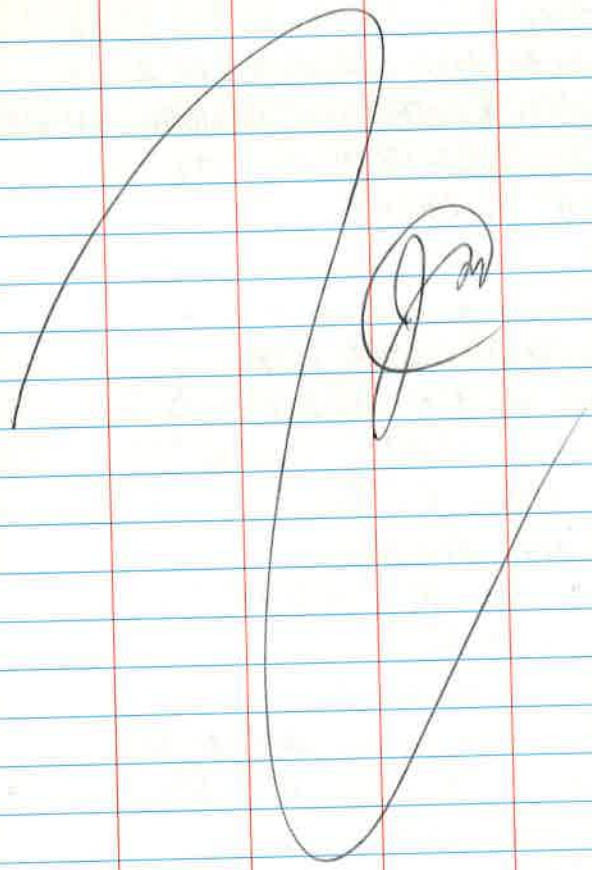
124

6/12/24 2232.00006Y005 (JW)

1430 Decon equipment and demob to on-site office.

1450 Relinquish samples to couriers.

1515 all offsite.



(125)

6/13/24 2232.00006Y005 (JW)

0715 J. Michaels, P. Perry (Rowe) onsite.
Weather: 58-80°, sunny; Wind: WSW @ 4mph; RH: 83%; Pres: 30.04" Hg
Scope: Continued groundwater GWS

0730 Calibrate Horibas - see cal sheet.
Hold H-5 Tailgate.

0800 Mob to MW-6D/PZ-5
★ PZ-5 @ 0850]
★ DUP_06132024]
★ MW-5D @ 0900 MS/MSD

0930 Decon equipment and demob.
Mob to MW-12S/MW-12D
★ MW-12S @ 1035
★ MW-12D @ 1030

1050 Decon equipment and demob.
Mob to MW-4S/MW-4D2
★ MW-4D2 @ 1140
★ MW-4S @ 1145

1215 Decon equipment and demob.

1300 Collect Equipment Blank
★ EB_06132024 @ 1230

1400 Relinquish samples to couriers.
All offsite

(126)

2232.0006Y005

J.Michaels, P. Perry (Roux) onsite.
Weather: 61-79°F, sunny, Wind: SW @ 12mph; RH: 79%; Pres: 29.92" Hg
Scope: Complete quarterly GWS
Calibrate horibas - see cal sheet.
H+S Tailgate.
Mob to SCDOH-DR
★SCDOH-DR @ 0835
Decon and demob. Mob to MW-10S/MW-10D
★MW-10S @ 0935
★MW-10D @ 0940
Decon equipment and demob from Site. Samples to be relinquished at Island i a.

APPENDIX E

Chains of Custody

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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 2

Date Rec'd in Lab: 6/12/24

ALPHA Job #: L2432633

Client Information

Client: ROUX Env.Eng.&Geology, DPC
Address: 209 Shafter Street
Islandia, NY 11749-5074
Phone: 631-232-2600
Fax:
Email: jmichaels@rouxinc.com

Project Information

Project Name: Coram Groundwater Event
Project Location: 416 Miller Place-Yaphank Road
Project #
(Use Project name as Project #)
Project Manager: Julia Michaels
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:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

LAB FILTER DISS. TAL METALS FOR MW-11S & MW-11D

Please specify Metals or TAL.

Sample Filtration

☑ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8270/SIM-LVI	TAL600/TAL-2007S	Br-300	Cl-4500	No3/No2-4500-PPB	TOTALNITROGEN	TDS-2540	Sample Specific Comments	Total Bottles
32633-01	MW-11S	6/11/24	1050	AQ	PP	X	X	X	X	X	X	X	X	LAB FILTER	26
-02	MW-11D	6/11/24	1052	AQ	JM	X	X	X	X	X	X	X	X	LAB FILTER	26
-03	MW-13S	6/11/24	1223	AQ	JM	X	X	X	X	X	X	X	X		26
-04	MW-13D	6/11/24	1235	AQ	PP	X	X	X	X	X	X	X	X		26
-05	TRIP BLANK	6/11/24		AQ	LAB	X									2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	P	P	A	A	P
Preservative	B	A	C	A	A	D	D	A

Relinquished By:	Date/Time	Received By:	Date/Time
	6/11/24 1336		6/11/24 1337
	6/11/24 1950	Anthony Green	JUN 12 2024 0052
Anthony Green	6/12/24 0305		6/12/24 0305

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.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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: 6/13/24

ALPHA Job #: L2433035

Client Information

Client: ROUX Env.Eng.&Geology, DPC
Address: 209 Shafter Street
Islandia, NY 11749-5074
Phone: 631-232-2600
Fax:
Email: jmichaels@rouxinc.com

Project Information

Project Name: Coram Groundwater Event
Project Location: 416 Miller Place-Yaphank Road
Project #
(Use Project name as Project #)
Project Manager: Julia Michaels
ALPHAQuote #: 25147

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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:

ANALYSIS

Sample Filtration
☑ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8270/SIM-LVI	TAL600/TAL-2007S	Br-300	Cl-4500	No3/No2-4500-PPB	TOTALNITROGEN	TDS-2540	Sample Specific Comments	Total # Bottles
33035-01	MW-8S	6/12/24	1355	AQ	PP	X	X	X	X	X	X	X	X		26
02	MW-8D	6/12/24	1356	AQ	JM	X	X	X	X	X	X	X	X		26
03	MW-1SR	6/12/24	0830	AQ	PP	X	X	X	X	X	X	X	X		26
04	MW-2DR2	6/12/24	0834	AQ	JM	X	X	X	X	X	X	X	X	MS/MSD	26
05	MP-1	6/12/24	1030	AQ	PP	X	X	X	X	X	X	X	X		26
06	MP-1D	6/12/24	1050	AQ	JM	X	X	X	X	X	X	X	X		26
07	PZ-6	6/12/24	1225	AQ	PP	X	X	X	X	X	X	X	X		26
08	MW-6D	6/12/24	1238	AQ	JM	X	X	X	X	X	X	X	X		26
09	EB-06122024	6/12/24	0940	AQ	JM	X	X	X	X	X	X	X	X		26
10	DUP-06122024	6/12/24	1200	AQ	JM	X	X	X	X	X	X	X	X		26
	Container Type					V	A	P	P	P	A	A	P		
	Preservative					B	A	C	A	A	D	D	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
	6/12/24 @ 1440	Pace	6/13/24 1440
Pace	6/14/24 2005	Anthony Green	JUN 12 2024 2115
Anthony Green		Pace	6/13/24 0200
Pace	6/13/24 0400		6/13/24 0410

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.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA Analytical

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 2

Date Rec'd in Lab: 06/14/24

ALPHA Job #: L2433375

Client Information

Client: ROUX Env.Eng.&Geology, DPC
Address: 209 Shafter Street
Islandia, NY 11749-5074
Phone: 631-232-2600
Fax:
Email: jmichaels@rouxinc.com

Project Information

Project Name: Coram Groundwater Event
Project Location: 416 Miller Place-Yaphank Road
Project #
(Use Project name as Project #)
Project Manager: Julia Michaels
ALPHAQuote #: 25147

Turn-Around Time

Standard
Rush (only if pre approved)
Due Date:
# of Days:

Deliverables

- [ ] ASP-A
- [x] 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:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
- [x] Done
- [ ] Lab to do

Preservation
- [ ] Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8270/SIM-LVI	TAL600/TAL-2007S	Br-300	Cl-4500	No3/No2-4500-PPB	TOTALNITROGEN	TDS-2540	Sample Specific Comments	Total Bottles
33375-01	EB_06132024	6/13/24	1230	AQ	JM	X	X	X	X	X	X	X	X		26
-02	DUP-06132024	6/13/24	1100	AQ	JM	X	X	X	X	X	X	X	X		26
-03	PZ-5	6/13/24	0850	AQ	~~BP~~ JM	X	X	X	X	X	X	X	X		26
-04	MW-5D	6/13/24	0900	AQ	JM	X	X	X	X	X	X	X	X	MS/MSD	78
-05	MW-12S	6/13/24	1035	AQ	PP	X	X	X	X	X	X	X	X		26
-06	MW-12D	6/13/24	1030	AQ	JM	X	X	X	X	X	X	X	X		26
-07	MW-4S	6/13/24	1145	AQ	PP	X	X	X	X	X	X	X	X		26
-08	MW-4D2	6/13/24	1140	AQ	JM	X	X	X	X	X	X	X	X		26
-09	TRIP BLANK	6/11/24		AQ	LAB	X									2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	P	P	A	A	P
Preservative	B	A	C	A	A	D	D	A

Relinquished By:	Date/Time	Received By:	Date/Time
	6/13/24 13:45	## Pace	6/13/24 13:45
## Pace	6/13/24 15:27	ASE PACE L1	6/13/24 15:27
## Pace	6/13/24 18:30		6/13/24 19:00
	6/13/24		6/13 2200
	6/14 130		6/14/24 0130

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Page 1 of 2

Date Rec'd in Lab: 6/15/24

ALPHA Job #: L2433691

Client Information

Client: ROUX Env.Eng.&Geology, DPC
Address: 209 Shafter Street
Islandia, NY 11749-5074
Phone: 631-232-2600
Fax:
Email: jmichaels@rouxinc.com

Project Information

Project Name: Coram Groundwater Event
Project Location: 416 Miller Place-Yaphank Road
Project #
(Use Project name as Project #) ☐
Project Manager: Julia Michaels
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:

☐ These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

3 COOLERS

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8270/SIM-LVI	TAL600/TAL-2007S	Br-300	Cl-4500	No3/No2-4500-PPB	TOTALNITROGEN	TDS-2540	Total # Bottles
33691-01	SCDOH-DR	6/14/24	0835	AQ	JM	X	X	X	X	X	X	X	X	26
-02	MW-10S	6/14/24	0935	AQ	JM	X	X	X	X	X	X	X	X	26
-03	MW-10D	6/14/24	0940	AQ	PP	X	X	X	X	X	X	X	X	26
-04	TRIP BLANK	6/11/24		AQ	LAB	X								2

Sample Filtration
☑ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
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Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A	P	P	P	A	A	P
Preservative	B	A	C	A	A	D	D	A

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/24	Pace	6/14/24 13:14
Pace	6/14/24 16:50		6/14/24 17:30
	6/14/24 20:30	Anthony Green	JUN 14 2024 2005
Anthony Green	6/15/24 0330		6/15/24 0153

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