

January 31, 2025

Mr. Matthew Conlon
Mined Land Reclamation Specialist
NYSDEC Region 1
Division of Mineral Resources
50 Circle Road
SUNY Stony Brook, New York 11790

Re: Fourth Quarter 2024 Ground Water Monitoring Results
Huntington Ready Mixed Concrete, Inc. Mine, Speonk, New York
NYSDEC DMR File 10034

Dear Mr. Conlon:

This letter report prepared by Alpha Geological Services, D.P.C. (Alpha) transmits the results of the fourth quarter 2024 ground water monitoring event conducted at the Huntington Ready Mixed Concrete, Inc.'s Mine, in Speonk, Town of Southampton, Suffolk County, New York. The quarterly event included collecting ground water samples for laboratory analysis in accordance with the Mined Land Reclamation Permit (MLRP) 1-4736-00004/00003 and the NYSDEC's *Guidance Document for Ground Water Monitoring Sand & Gravel Mines in Region 1*, dated February 6, 2020 and the *Ground Water Monitoring Plan for Huntington Ready Mixed Concrete, Inc. Mine*, dated July 2023. The August 2024 event was the fifth quarterly round that Huntington participated in for the NYSDEC and NYSDOH's Long Island Mines Ground Water Study.

Figure 1 shows the site location and Figure 2 shows the site layout, location of mining activities, and the eight ground water monitoring locations. The work on November 18 and 19, 2024 included documenting current mining activities, measuring water levels, and sampling ground water quality from all eight monitoring wells.

Current Mining Activities

The areas where mining activities were observed during the November 2024 sampling event are annotated on Figure 2. Mining intersected the water table between the events in August 2021 and February 2022. Further mining below the water table resumed in the third quarter 2024 with the testing of the recently completed dredge and conveyor system.

Ground Water Elevations

The static depth to water was measured on November 18, 2024 in each well. The water level measurements were converted to ground water elevations and are provided on Table 1. The ground water elevations calculated for the November 2024 event are within the historic range of measured values. Figure 3 depicts the ground water elevation contours based on the measurements for the six shallow monitoring wells and an estimated lake elevation. The general

ground water flow direction is from the north-northwest to the south-southeast, which is consistent with regional ground water flow. Figure 3 considers the influence of the flattened lake surface on the elevation of the water table around the lake and the direction of ground water flow relative to the lake. The lake elevation (18.3 ft msl) is estimated based on the average ground water elevation and gradient that would be drawn if the lake did not exist. The water table is drawn down slightly at the north end of the lake. This results in radial ground water flow inward toward the lake at the north end. The ground water table is slightly elevated compared to the ground water elevation at the south end of the lake and results in radial outward flow to the west, south, and east at the south end of the mine. This pattern is consistent with the future ground water flow pattern predicted in the May 2021 *Hydrogeologic Assessment* prepared by Alpha.

Ground Water Quality Sampling and Results

Alpha purged and collected samples from the eight monitoring wells using the “Low Flow” purging and sampling method on November 18 & 19, 2024. Purging and sampling was conducted using a peristaltic pump (wells MW-1S, MW-2S, and MW-3S) or a submersible pump (wells MW-4D, MW-5S, MW-6D, MW-7S, and MW-8S). New, dedicated high-density polyethylene (HDPE) tubing was used in each well. The pump intake was set at the approximate center of the wetted-screen in each monitoring well.

The pump discharge was connected to a flow-through cell with a multi-parameter meter to monitor pH, specific conductivity, turbidity, oxidation-reduction potential, and dissolved oxygen. The wells were purged at a rate that minimized drawdown. Purging continued until the measured field parameters stabilized within the criteria described in the USEPA’s “Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells” (September 2017 revision). Drawdown in each well was less than 0.1 feet. Purging and sampling field records and multi-parameter meter calibration forms are included in Appendix A. A summary of the final, stabilized field parameters, which were measured at the end of purging, are included on Table 1.

The laboratory supplied pre-preserved sample containers. The sample containers were filled directly from the pump discharge prior to passing through the flow-through cell. The samples were placed in a cooler on ice and submitted to a NYSDOH-approved laboratory under chain of custody. The samples were analyzed for Huntington’s permit-required analytes including volatile organic compounds (VOCs) by Method 8260, semi-volatile organic compounds (SVOCs) by Method 8270, organochlorine pesticides by Method 8081, polychlorinated biphenyls (PCBs) by Method 8082, and total and dissolved target analyte list (TAL) metals. The sample volume for dissolved metals analysis was field filtered using new, dedicated in-line 0.45 micrometer filters. The samples were also analyzed for herbicides and the general chemistry parameters chloride, fluoride, bromide, iodide, sulfate, sulfide, phosphate, nitrate/nitrite, ammonia, total kjeldahl nitrogen (TKN), alkalinity, total dissolved solids in accordance with the Long Island Ground Water Study. Samples from upgradient wells MW-1S and MW-5S and downgradient wells MW-7S and MW-8S were also submitted for analysis of radionuclides and emergent contaminants as part of the Long Island ground water study. Quality assurance-quality control (QAQC) samples; including one matrix spike/matrix spike duplicate pair (MW-5S), a

field duplicate (MW-7S), trip blank (VOCs only), and a field blank; were submitted with the ground water samples. The laboratory provided category “B” type deliverables. Alpha’s chemist validated the data and prepared a Data Usability Summary Report (DUSR). The DUSR is included in Appendix B. Tables 2 through 5 summarize the results from the November 2024 event.

Acetone (7.3 microgram per liter [$\mu\text{g/L}$] at MW-4D) was the only VOC detected in any of the ground water samples. This low level of acetone is below the NYSDEC Class “GA” water quality standard (NYSGWQS) of 50 $\mu\text{g/L}$.

No SVOCs were detected in monitoring at concentrations that exceed NYSGWQS (Table 2). Trace concentrations of several SVOCs including 2-methylnaphthalene, acenaphthene, anthracene, fluoranthene, fluorene, naphthalene, pentachlorophenol, and phenanthrene were detected below the respective NYSGWQS. All positive results for target compounds by selected ion monitoring were qualified as “rejected, unusable” (R) for samples MW-4D and MW-5S because samples were analyzed with and associated with a method blank that contained detections of all target compounds. There was not enough sample volume to re-analyze the samples from MW-4D and MW-5S. The trace concentrations reported in November 2024 are consistent with historical results.

No PCBs, pesticides, or herbicides were detected in the ground water samples (Table 2).

Total and dissolved iron and manganese were detected at concentrations exceeding their respective water quality standards in MW-1S, MW-6D, and MW-7S. Total and dissolved sodium exceeded the water quality standard at MW-1S, MW-3S, MW-4D, MW-6D, and MW-8S and thallium exceeded the water quality standard at MW-7S. Many of the detected metals were reported at similar concentrations in the dissolved (filtered) samples compared to the total (unfiltered) samples. The similar values and low reported turbidity (Table 1) suggest that the concentrations are representative of dissolved metals.

The general chemistry parameters are summarized on Table 3. The reported concentrations are below the NYSGWQS, except for ammonia. Ammonia was reported at well MW-1S at a 2.68 mg/L. The NYSGWQS for ammonia is 2 mg/L. The results are consistent with previous results.

The November 2024 sampling round included submitting samples from upgradient wells MW-1S and MW-5S and downgradient wells MW-7S and MW-8S for analysis of radionuclides and emergent contaminants. The radionuclides included isotopes of radium (Ra-226 & Ra-228), thorium (Th-228, Th-230, and Th-232) and uranium (U-238) and are summarized on Table 4. Trace levels of the naturally occurring radionuclides RA-226, Ra-228, Th-228, and U-238 were reported at levels well below the NYSGWQS.

The emergent contaminants included 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS) and are summarized on Table 5. A trace level of 1,4-dioxane was detected at MW-1S below the NYSGWQS. Several PFAS including perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were detected in the ground water samples. The maximum

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concentrations of PFOA (65.7 nanograms per Liter [ng/L]) and PFOS (32.4 ng/L) were reported at upgradient well MW-1S. The NYSGWQS for PFOA is 6.7 ng/L and for PFOS is 2.7 ng/L. PFAS have not been manufactured, used, or stored at the site and are not mining related.

The general ground water quality and the reported compounds from the November 2024 monitoring event are consistent with the historical results presented in the May 2021 *Hydrogeologic Assessment* prepared by Alpha and subsequent sampling events.

The analytical data will be submitted electronically to the NYSDEC's environmental data management system under a separate email. The next quarterly ground water monitoring event is anticipated to be conducted in February 2025. Please contact me if you have questions regarding this report.

Sincerely,
Alpha Geoscience



Scott M. Hulseapple, PG
Hydrogeologist

cc: Lou Grausso – Huntington Ready Mixed
Kevin Brown – Brown, Duke, & Fogel
Greg Brown – Brown, Duke, & Fogel
Sam Gowan – Alpha Geoscience
Sarken Dressler – NYSDEC

Attachments:

Table 1 – Ground Water Levels and Field Parameters
Table 2 – Ground Water Analytical Results
Table 3 – General Chemistry Ground Water Analytical Results
Table 4 – Radionuclides in Ground Water Analytical Results
Table 5 – Emerging Contaminants in Ground Water Analytical Results
Figure 1 – Site Location
Figure 2 – Site Layout
Figure 3 – Ground Water Elevations
Appendix A – Field Sampling Forms
Appendix B – Laboratory Summary Report

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TABLE 1
Ground Water Levels and Field Parameters
Fourth Quarter 2024

Huntington Ready Mixed Concrete, Inc., Huntington Mine, Speonk, New York

Well	Measuring Point Elevation (ft msl)	Depth to Water (feet) 11/18/2024	Ground Water Elevations (feet msl) 11/18/2024	Measured Field Parameter						
				Sample Date	Temperature	Specific Conductivity	pH	ORP	Dissolved Oxygen	Turbidity
					°C	µS/cm	SU	mV	mg/L	NTU
MW-1S	39.09	19.92	19.17	11/18/2024	14.1	584	9.05	-362	0.0	0.0
MW-2S	37.54	19.55	17.99	11/18/2024	16.5	349	6.62	184	9.5	0.0
MW-3S	35.40	17.83	17.57	11/18/2024	17.7	771	6.06	159	0.0	0.0
MW-4D	53.94	34.78	19.16	11/19/2024	11.8	582	6.94	198	9.4	1.2
MW-5S	53.59	34.42	19.17	11/19/2024	12.4	56	4.24	337	10.8	0.0
MW-6D	61.94	44.85	17.09	11/18/2024	13.4	864	7.12	192	0.0	0.1
MW-7S	62.02	44.92	17.10	11/18/2024	14.3	633	7.15	199	0.0	0.0
MW-8S	66.47	48.75	17.72	11/18/2024	19.1	433	7.31	162	0.3	0.0

Notes:

-Elevations are in feet relative to mean sea level (msl), North American Vertical Datum of 1988 (NAVD88).

-Measuring point elevation were surveyed by Raynor, Marcks & Carrington Surveying on April 16, 2021.

mg/L - milligrams per liter

°C - degrees celcius

ORP - Oxidation-Reduction Potential in millivolts (mV)

SU - Standard pH units

µS/cm - microsiemens per centimeter

NTU - Nephelometric Turbidity Units

TABLE 2 Ground Water Analytical Results Fourth Quarter 2024 Huntington Ready Mixed Concrete, Inc., Huntington Mine, Speonk, New York													
Analyte	NYSDEC Water Quality (Class GA) Standard	Units	MW-1S	MW-2S	MW-3S	MW-4D	MW-5S	MW-6D	MW-7S	MW-7S (Duplicate)	MW-8S	Field Blank	Trip Blank
			11/18/2025	11/18/2025	11/18/2025	11/19/2025	11/19/2025	11/18/2025	11/18/2025		11/18/2025	11/18/2025	11/18/2025
Volatile Organic Compounds													
1,1,1-Trichloroethane (TCA)	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
1,1,2,2-Tetrachloroethane	5	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
1,1,2-Trichloroethane	1	ug/l	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U
1,1-Dichloroethane	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
1,1-Dichloroethene	5	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
1,2,3-Trichlorobenzene	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
1,2,4-Trichlorobenzene	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
1,2-Dibromo-3-Chloropropane	0.04	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
1,2-Dichlorobenzene	3	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
1,2-Dichloroethane	0.6	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
1,2-Dichloropropane	1	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	3	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
1,4-Dichlorobenzene	3	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
1,4-Dioxane (P-Dioxane)	NS	ug/l	250U	250U	250U	250U	250U	250U	250U	250U	250U	250U	250U
2-Hexanone	50	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Acetone	50	ug/l	5U	5U	5U	7.3	5U	5U	5U	5U	5U	5U	5U
Benzene	1	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Bromochloromethane	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Bromodichloromethane	50	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Bromoform	50	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Bromomethane	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Carbon Disulfide	NS	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Carbon Tetrachloride	5	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Chlorobenzene	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Chloroethane	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Chloroform	7	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Chloromethane (Methyl Chloride)	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
cis-1,2-Dichlorethene	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
cis-1,3-Dichloropropene	0.4	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Cyclohexane	NS	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibromochloromethane	50	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Dichlorodifluoromethane	5	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Ethylbenzene	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Isopropylbenzene (Cumene)	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
m,p-Xylene	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Methyl Acetate	NS	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U
Methyl Ethyl Ketone (2-Butanone)	50	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Methylcyclohexane	NS	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Methylene Chloride	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
o-Xylene (1,2-Dimethylbenzene)	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Styrene	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
tert-Butyl Methyl Ether	10	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Tetrachloroethene (PCE)	5	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Toluene	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
trans-1,2-Dichloroethene	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
trans-1,3-Dichloropropene	0.4	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Trichloroethene (TCE)	5	ug/l	0.5UJ	0.5UJ	0.5UJ	0.5UJ	0.5UJ	0.5UJ	0.5UJ	0.5UJ	0.5UJ	0.5UJ	0.5U
Trichlorofluoromethane	5	ug/l	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
Vinyl Chloride	2	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Semi-Volatile Organic Compounds													
2,4,5-Trichlorophenol	1	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
2,4,6-Trichlorophenol	1	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
2,4-Dichlorophenol	5	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
2,4-Dimethylphenol	50	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
2,4-Dinitrophenol	1	ug/l	20U	20U	20U	R	R	20U	20U	20U	20U	20U	--
2,4-Dinitrotoluene	5	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
2,6-Dinitrotoluene	5	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
2-Chlorophenol	1	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
2-Methylphenol (O-Cresol)	1	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
2-Nitroaniline	5	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
2-Nitrophenol	1	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	--
3,3'-Dichlorobenzidine	5	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
3-Nitroaniline	5	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
4,6-Dinitro-2-Methylphenol	1	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	--
4-Bromophenyl Phenyl Ether	NS	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
4-Chloro-3-Methylphenol	1	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
4-Chloroaniline	NS	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
4-Chlorophenyl Phenyl Ether	NS	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
4-Nitroaniline	5	ug/l	5U	5U	5U	5U	5U	5U	5U</				

TABLE 2 Ground Water Analytical Results Fourth Quarter 2024 Huntington Ready Mixed Concrete, Inc., Huntington Mine, Speonk, New York													
Analyte	NYSDEC Water Quality (Class GA) Standard	Units	MW-1S	MW-2S	MW-3S	MW-4D	MW-5S	MW-6D	MW-7S	MW-7S (Duplicate)	MW-8S	Field Blank	Trip Blank
			11/18/2025	11/18/2025	11/18/2025	11/19/2025	11/19/2025	11/18/2025	11/18/2025	11/18/2025	11/18/2025	11/18/2025	--
Carbazole	NS	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
Dibenzofuran	NS	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
Diethyl Phthalate	NS	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
Dimethyl Phthalate	NS	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
Di-N-Butyl Phthalate	50	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
Di-N-Octylphthalate	50	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
Hexachlorocyclopentadiene	5	ug/l	20UJ	20UJ	20UJ	R	R	20UJ	20UJ	20UJ	20UJ	20UJ	--
Isophorone	50	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
Nitrobenzene	0.4	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
N-Nitrosodi-N-Propylamine	NS	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
N-Nitrosodiphenylamine	50	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
Phenol	1	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	1.4J	--
2-Chloronaphthalene	10	ug/l	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	--
2-Methylnaphthalene	NS	ug/l	0.04J	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Acenaphthene	20	ug/l	0.05J	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Acenaphthylene	NS	ug/l	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Anthracene	50	ug/l	0.05J	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Benzo(a)anthracene	0.002	ug/l	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Benzo(a)pyrene	NS	ug/l	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Benzo(b)fluoranthene	0.002	ug/l	0.1U	0.1U	0.1U	0.1U	R	0.1U	0.1U	0.1U	0.1U	0.1U	--
Benzo(g,h,i)perylene	NS	ug/l	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Benzo(k)fluoranthene	0.002	ug/l	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Chrysene	0.002	ug/l	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Dibenz(a,h)anthracene	NS	ug/l	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Fluoranthene	50	ug/l	0.03J	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Fluorene	50	ug/l	0.06J	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Hexachlorobenzene	0.04	ug/l	0.8U	0.8U	0.8U	0.8U	R	0.8U	0.8U	0.8U	0.8U	0.8U	--
Hexachlorobutadiene	0.5	ug/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	--
Hexachloroethane	5	ug/l	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	--
Indeno(1,2,3-c,d)pyrene	0.002	ug/l	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Naphthalene	10	ug/l	0.12	0.1U	0.1U	R	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Pentachlorophenol	1	ug/l	0.19J	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	--
Phenanthrene	50	ug/l	0.08J	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Pyrene	50	ug/l	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	0.09	ug/l	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	--
PCB-1221 (Aroclor 1221)	0.09	ug/l	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	--
PCB-1232 (Aroclor 1232)	0.09	ug/l	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	--
PCB-1242 (Aroclor 1242)	0.09	ug/l	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	--
PCB-1248 (Aroclor 1248)	0.09	ug/l	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	--
PCB-1254 (Aroclor 1254)	0.09	ug/l	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	--
PCB-1260 (Aroclor 1260)	0.09	ug/l	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	--
PCB-1262 (Aroclor 1262)	0.09	ug/l	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	--
PCB-1268 (Aroclor 1268)	0.09	ug/l	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	0.071U	--
Total PCBs	0.1	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
Pesticides													
Aldrin	NS	ug/l	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	--
alpha-Endosulfan	NS	ug/l	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	--
beta-Endosulfan	NS	ug/l	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	--
cis-Chlordane	0.05	ug/l	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	--
Endosulfan Sulfate	NS	ug/l	0.006J	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	--
alpha-HCH (1,2,3,4,5,6-Hexachlorocyclohexane)	0.01	ug/l	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	--
beta-HCH (1,2,3,4,5,6-Hexachlorocyclohexane)	0.04	ug/l	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	--
delta-HCH (1,2,3,4,5,6-Hexachlorocyclohexane)	0.04	ug/l	0.009J	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	--
gamma-HCH (1,2,3,4,5,6-Hexachlorocyclohexane)	0.05	ug/l	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	--
Dieldrin	0.004	ug/l	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	--
Endrin	ND	ug/l	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	--
Endrin Aldehyde	5	ug/l	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	--
Endrin Ketone	5	ug/l	0.005J	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	--
Heptachlor	0.04	ug/l	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	--
Heptachlor Epoxide	0.03	ug/l	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	--
Methoxychlor	35	ug/l	0.143U	0.143U	0.143U	0.143U	0.143U	0.143U	0.143U	0.143U	0.143U	0.143U	--
P,P'-DDD	0.3	ug/l	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	--
P,P'-DDE	0.2	ug/l	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	--
P,P'-DDT	0.2	ug/l	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	0.029U	--
Toxaphene	0.06	ug/l	0.143U	0.143U	0.143U	0.143U	0.143U	0.143U	0.143U	0.143U	0.143U	0.143U	--
Herbicides													
2,4-D (Dichlorophenoxyacetic Acid)	50	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	--
Acetic acid, (2,4,5-trichlorophenoxy)-	35	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
Silvex (2,4,5-TP)	0.26	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--

TABLE 2 Ground Water Analytical Results Fourth Quarter 2024 Huntington Ready Mixed Concrete, Inc., Huntington Mine, Speonk, New York													
Analyte	NYSDEC Water Quality (Class GA) Standard	Units	MW-1S	MW-2S	MW-3S	MW-4D	MW-5S	MW-6D	MW-7S	MW-7S (Duplicate)	MW-8S	Field Blank	Trip Blank
			11/18/2025	11/18/2025	11/18/2025	11/19/2025	11/19/2025	11/18/2025	11/18/2025	11/18/2025	11/18/2025	11/18/2025	--
Total Metals													
Aluminum	NS	ug/L	384	4.17J	7.97J	18.7	30.6	261	4.07J	10U	5.64J	10U	--
Antimony	3	ug/L	4UJ	4UJ	0.66J-	4UJ	1.25J-	4UJ	4UJ	4UJ	4UJ	4UJ	--
Arsenic	25	ug/L	4.56	0.17J	0.66	0.5U	0.5U	0.59	0.22J	0.21J	0.23J	0.5U	--
Barium	1000	ug/L	16.12	17.48	118.4	71.58	3.44	58.9	95.36	92.66	98.25	0.5U	--
Beryllium	3	ug/L	0.5U	0.5U	0.5U	0.5U	0.15J	0.5U	0.5U	0.5U	0.5U	0.5U	--
Cadmium	5	ug/L	0.2U	0.2U	0.2U	0.2U	0.07J	0.2U	0.2U	0.2U	0.2U	0.2U	--
Calcium	NS	ug/L	43500	52900	103000	19600	3480	86900	97100	94000	40200	100U	--
Chromium, Total	50	ug/L	0.47J	1.47	0.42J	4.53	0.43J	23.08	0.55J	0.55J	1.89	0.36J	--
Cobalt	NS	ug/L	0.5	0.26J	1.15	0.5U	0.5U	0.91	0.32J	0.31J	0.23J	0.5U	--
Copper	200	ug/L	0.79J	1.29J	2.83	1U	1U	4.51	1.61	1.64	2.16	1U	--
Iron	300	ug/L	1180	50U	62.6	51.3	36.1J	869	50U	30J	24.5J	50U	--
Manganese	300	ug/L	932.9J	1U	23.65	4.28	12.71J	2230	688.5	670.9	2.03	1U	--
Iron + Manganese	500	ug/L	2113	ND	76.3	55.6	48.8	3099	688.5	700.9	26.5	ND	--
Lead	25	ug/L	1U	1U	1U	1U	1U	0.6J	1U	1U	1U	1U	--
Magnesium	35000	ug/L	286	4610	9280	11700	813	21200	11100	10900	4350	70U	--
Mercury	0.7	ug/L	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	--
Nickel	100	ug/L	3.36	2U	0.84J	2.11	0.72J	13.19	2U	2U	2.09	2U	--
Potassium	NS	ug/L	25500	8810	31400	1430	733	23100	17600	17200	23100	100U	--
Selenium	10	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	
Silver	50	ug/L	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	--
Sodium	20000	ug/L	50000	5100	30700	79900	4760	35300	18900	18400	31400	500U	--
Thallium	0.5	ug/L	1U	1U	0.33J	1U	1U	1U	0.77J	0.73J	0.26J	1U	--
Vanadium	NS	ug/L	2.9J	5U	2.97J	5U	5U	2.0J	5U	5U	5U	5U	--
Zinc	2000	ug/L	4.75J	10U	10U	10U	10U	10U	10U	10U	10U	10U	--
Dissolved Metals													
Aluminum	NS	ug/L	334	10U	10U	10U	28.5	10U	10U	10U	4.87J	10U	--
Antimony	3	ug/L	4U	0.45J	0.58J	4U	0.66J	4U	4U	4U	4U	0.43J	--
Arsenic	25	ug/L	4.47	0.25J	0.43J	0.5U	0.16J	0.28J	0.29J	0.36J	0.25J	0.5U	--
Barium	1000	ug/L	15.98	16.82	105.2	65.77	3.38	52.92	84.04	87.58	80.92	0.23J	--
Beryllium	3	ug/L	0.5U	0.5U	0.5U	0.5U	0.12J	0.5U	0.5U	0.5U	0.5U	0.5U	--
Cadmium	5	ug/L	0.2U	0.2U	0.2U	0.2U	0.09J	0.2U	0.2U	0.2U	0.2U	0.2U	--
Calcium	NS	ug/L	39500J	56000J	97000J	19300J	3480J	84500J	86100J	89200J	35900J	148J	--
Chromium, Total	50	ug/L	0.4J	1.81	0.3J	1.65	0.41J	0.83J	0.77J	0.37J	0.35J	1U	--
Cobalt	NS	ug/L	0.49J	0.28J	0.62	0.5U	0.5U	0.51	0.27J	0.33J	0.17J	0.5U	--
Copper	200	ug/L	0.52J	1.47J	2.51	1U	0.6J	1.26	1.69	1.47	1.85	1U	--
Iron	300	ug/L	1150J+	50U	50U	50U	40.7J+	50U	50U	50U	50U	50U	--
Manganese	300	ug/L	1124J	0.73J	10.18	0.91J	14.09J	2374	632.1	660.2	1.66	1U	--
Iron + Manganese	500	ug/L	2274	0.73	10.18	0.91	54.8	2374	632.1	660.2	1.66	ND	--
Lead	25	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	--
Magnesium	35000	ug/L	296	4760	8770	12200	884	22200	10700	11200	3980	70U	--
Mercury	0.7	ug/L	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	--
Nickel	100	ug/L	1.58J	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
Potassium	NS	ug/L	26500	9310	31600	1520	728	24400	16800	17400	23100	100U	--
Selenium	10	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
Silver	50	ug/L	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	--
Sodium	20000	ug/L	51300	5030	29000	80500	5060	35500	17000	17500	29100	743	--
Thallium	0.5	ug/L	1U	1U	0.25J	1U	1U	1U	0.66J	0.66J	0.2J	1U	--
Vanadium	NS	ug/L	2.58J	5U	2.73J	5U	5U	5U	5U	5U	5U	5U	--
Zinc	2000	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	--

Notes:

- Concentrations reported in micrograms per liter (µg/L), which is approximately equivalent to parts per billion (ppb) or in milligrams per liter (mg/L), which is approximately equivalent to parts per million (ppm).
- NYS Water Quality Standards and Guidance Values, Class GA, TOGS 1.1.1
- "NS" indicates no ground water standard has been established.
- "U" indicates not detected at the indicated quantitation reportig limit (RL).
- "J" indicates estimated value . "+" or "-" indicate estimate is biased high or low.
- "B" indicates that the analyte was detected in ana associated laboratory blank.
- "R" indicates result was rejected as unreliable by the validator.
- Shaded cells indicate the value exceeds the NYS Water Quality Standard.

TABLE 3
General Chemistry Ground Water Analytical Results
Fourth Quarter 2024

Huntington Ready Mixed Concrete, Inc., Huntington Mine, Speonk, New York

Analyte	NYSDEC Water Quality (Class GA) Standard	Units	MW-1S	MW-2S	MW-3S	MW-4D	MW-5S	MW-6D	MW-7S	MW-7S (Duplicate)	MW-8S
			11/18/2025	11/18/2025	11/18/2025	11/19/2025	11/19/2025	11/18/2025	11/18/2025	11/18/2025	11/18/2025
Volatile Organic Compounds											
Alkalinity, Bicarbonate (As CaCO3)	NS	mgcaco3/l	66.6	136	93.9	48.4	7.32	188	215	211	86.6
Alkalinity, Carbonate (As CaCO3)	NS	mgcaco3/l	18.7	2U	2U	2U	2U	2U	2U	2U	2U
Bromide	2	mg/l	0.353	0.05U	0.094	0.05U	0.05U	0.19	0.101	0.102	0.102
Chloride (As Cl)	250	mg/l	52.8	5.82	34.7	146	8.74	83.2	17.5	17.3	34.7
Fluoride	1.5	mg/l	0.107	0.061	0.05	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U
Iodide (As I)	NS	mg/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Nitrogen, Ammonia (As N)	2	mg/l	2.68	0.076	0.061J	0.075U	0.027J	2.69	0.106	0.152	0.075U
Nitrogen, Kjeldahl, Total	NS	mg/l	3.38	0.275J	0.315	0.073J	0.3U	2.94	0.287J	0.366J	0.235J
Nitrogen, Nitrate-Nitrite	10	mg/l	0.1U	0.98	6.3	0.56	0.98	0.94	2.10	2.1	0.35
Total Nitrogen, All Forms, Calculated	NS	mg/l	3.4	0.98	6.6	0.56	1.0	3.9	2.1	2.5	0.35
Phosphorus	NS	mg/l	0.04	0.015J	0.022J	0.025J	0.031U	0.08	0.031U	0.031U	0.031U
Sulfate (As SO4)	250	mg/l	99.7	25.6	200	10.5	2.92	96	78.9	78.8	61.9
Sulfide	0.05	mg/l	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ
Total Dissolved Solids (Residue, Filtera	NS	mg/l	320	180	480	310	34	450	360	370	240

Notes:

- All concentrations reported in milligrams per liter (mg/L), which is approximately equivalent to parts per million (ppm).
- NYS Water Quality Standards and Guidance Values, Class GA, TOGS 1.1.1
- "NS" indicates no ground water standard has been established.
- "U" indicates not detected at the indicated quantitation reportig limit (RL).
- "J" indicates estimated value . "+" or "-" indicates estimate is biased high or low.
- Shaded cells indicate the value exceeds the NYS Water Quality Standard.

TABLE 4
Radionuclides in Ground Water Analytical Results
Fourth Quarter 2024

Huntington Ready Mixed Concrete, Inc., Huntington Mine, Speonk, New York

Analyte	NYSDEC Water Quality (Class GA) Standard	Units	MW-1S	MW-5S	MW-7S	MW-7S (Duplicate)	MW-8S	Field Blank
			11/18/2025	11/19/2025	11/18/2025	11/18/2025	11/18/2025	11/18/2025
Radium-226	3	pci/l	ND(0.127±0.705)	ND(0.338±0.562)	ND(0.119±0.370)	0.398±0.337	ND(0.383±0.398)	0.543±0.342
Radium-228	3	pci/l	ND(0.171±0.405)	0.818±0.420	1.93±0.599	1.18±0.463	1.25±0.501	ND(0.268±0.342)
Thorium-228	NS	pci/l	0.104±0.102	0.118±0.115	ND(-0.064±0.070)	0.11±0.101	ND(0.097±0.112)	ND(0.025±0.084)
Thorium-230	NS	pci/l	ND(0.034±0.043)	ND(0.004±0.046)	ND(-0.003±0.044)	ND(-0.007±0.047)	ND(0.000±0.047)	ND(0.020±0.035)
Thorium-232	NS	pci/l	ND(0±0.042)	ND(-0.007±0.046)	ND(-0.008±0.044)	ND(-0.015±0.047)	ND(-0.007±0.047)	ND(-0.006±0.035)
Uranium-238	20	ug/l	1U	1U	0.369J	0.328J	1U	1U

Notes:

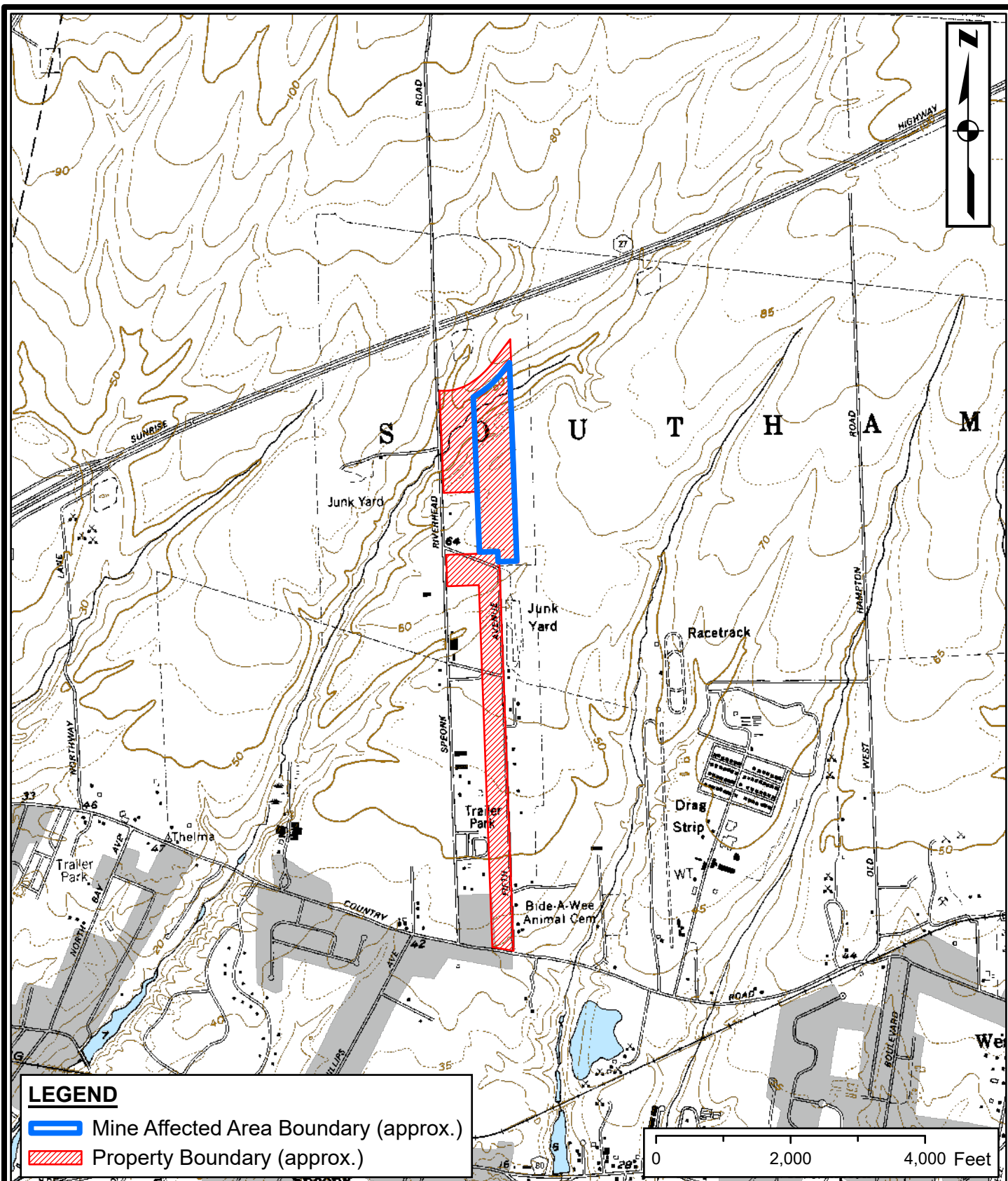
- Concentration for uranium is reported in micrograms per liter (µg/L), which is approximately equivalent to parts per billion (ppb). Concentrations for radium and thorium isotopes are reported in picocuries per liter (pci/L), which is a measure of the rate of radioactive decay.
- NYS Water Quality Standards and Guidance Values, Class GA, TOGS 1.1.1. The standard for Radium 226/228 is 3 pci/L, individually, or 5 pci/L combined.
- "NS" indicates no ground water standard has been established for thorium isotopes. The guidance value for total gross alpha is 15 pci/L
- ± indicates the reported expanded uncertainty (aka Combined Standard Uncertainty, CSU), reported at the 95% confidence interval using a coverage factor of 1.96.
- "ND" indicates that analyte was not detected at a level significantly greater than 95% confidence interval.
- **Bold** values indicate analyte was detected above MDL or MDC
- "U" indicates not detected at the indicated quantitation reportig limit (RL).

TABLE 5
Emerging Contaminants in Ground Water Analytical Results
Fourth Quarter 2024
Huntington Ready Mixed Concrete, Inc., Huntington Mine, Speonk, New York

Analyte	NYSDEC Water Quality (Class GA) Standard	Units	MW-1S	MW-5S	MW-7S	MW-7S (Duplicate)	MW-8S	Field Blank
			11/18/2025	11/19/2025	11/18/2025	11/18/2025	11/18/2025	11/18/2025
1,4-Dioxane								
1,4-Dioxane	0.35	ug/L	0.0106J	0.163U	0.150U	0.150U	0.144U	0.139U
Per- and Polyfluoroalkyl Substances (PFAS)								
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11CI-PF30UDs)	NS	ng/l	6.13U	6.29UJ	6.07U	5.72U	6.19U	7.01U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NS	ng/l	6.13U	6.29U	6.07U	5.72U	6.19U	7.01U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NS	ng/l	6.13U	6.29U	6.07U	5.72U	6.19U	7.01U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2Fts)	NS	ng/l	6.13U	6.29U	6.07U	5.72U	6.19U	7.01U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NS	ng/l	38.3U	39.3U	37.9U	35.8U	38.7U	43.8U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NS	ng/l	38.3U	39.3U	37.9U	35.8U	38.7U	3.78J
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NS	ng/l	7.66U	7.86U	7.59U	7.16U	7.74U	8.77U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	ng/l	6.13U	6.29U	6.07U	5.72U	6.19U	7.01U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9CI-PF3ONS)	NS	ng/l	6.13U	6.29U	6.07U	5.72U	6.19U	7.01U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NS	ng/l	6.13U	6.29U	6.07U	5.72U	6.19U	7.01U
N-ethyl perfluorooctanesulfonamide (NETFOSA)	NS	ng/l	1.53U	1.57UJ	1.52U	1.43U	1.55U	1.75U
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	NS	ng/l	1.16J	1.57U	1.52U	1.43U	1.55U	1.75U
N-ethyl perfluorooctanesulfonamidoethanol (NETFOSE)	NS	ng/l	15.3U	15.7UJ	15.2U	14.3U	15.5U	17.5U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NS	ng/l	1.53U	1.57UJ	1.52U	1.43U	1.55U	1.75U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	ng/l	0.942J	1.57U	1.52U	1.43U	1.55U	1.75U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NS	ng/l	15.3U	15.7UJ	15.2U	14.3U	15.5U	17.5U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	ng/l	3.06U	3.14U	3.04U	2.86U	3.09U	3.51U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NS	ng/l	3.06U	3.14U	3.04U	2.86U	3.09U	3.51U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	ng/l	3.06U	3.14U	3.04U	2.86U	3.09U	3.51U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	ng/l	3.06U	3.14U	3.04U	2.86U	3.09U	3.51U
Perfluorobutanesulfonic acid (PFBS)	NS	ng/l	2.93	1.57U	2.60	2.38	2.66	1.75U
Perfluorobutanoic Acid	NS	ng/l	12.4	0.542J	7.74	7.16	7.26	7.01U
Perfluorodecanesulfonic acid (PFDS)	NS	ng/l	1.53U	1.57UJ	1.52U	1.43U	1.55U	1.75U
Perfluorodecanoic acid (PFDA)	NS	ng/l	2.74	1.57U	1.52U	1.43U	2.45	1.75U
Perfluorododecanesulfonic acid (PFDoS)	NS	ng/l	1.53U	1.57UJ	1.52U	1.43U	1.55U	1.75U
Perfluorododecanoic acid (PFDoA)	NS	ng/l	1.53U	1.57UJ	1.52U	1.43U	1.55U	1.75U
Perfluoroheptanesulfonic acid (PFHpS)	NS	ng/l	0.774J	1.57U	1.52U	1.43U	0.425J	1.75U
Perfluoroheptanoic acid (PFHpA)	NS	ng/l	8.57	1.57U	7.88	7.00	5.42	1.75U
Perfluorohexanesulfonic acid (PFHxS)	NS	ng/l	9.01	0.754J	7.03	6.65	5.15	1.75U
Perfluorohexanoic acid (PFHxA)	NS	ng/l	14.3	0.346J	9.46	9.84	11.0	1.75U
Perfluorononanesulfonic acid (PFNS)	NS	ng/l	1.53U	1.57UJ	1.52U	1.43U	1.55U	1.75U
Perfluorononanoic acid (PFNA)	NS	ng/l	5.86	1.57U	1.02J	0.88J	3.29	1.75U
Perfluorooctane Sulfonamide (PFOSA)	NS	ng/l	1.49J	1.57UJ	1.52U	1.43U	1.33J	1.75U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/l	32.4	1.4J	3.78	3.7	18.1	1.75U
Perfluorooctanoic acid (PFOA)	6.7	ng/l	65.7	1.26J	19.5	19.2	29.6	1.75U
Perfluoropentanesulfonic Acid (PFPeS)	NS	ng/l	1.16J	1.57U	1.18J	1.18J	0.65J	1.75U
Perfluoropentanoic Acid (PFPeA)	NS	ng/l	13.9	3.14U	9.82	9.44	11.6	3.51U
Perfluorotetradecanoic acid (PFTeDA)	NS	ng/l	1.53U	1.57UJ	1.52U	1.43U	1.55U	1.75U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NS	ng/l	1.53U	1.57UJ	1.52U	1.43U	1.55U	1.75U
Perfluoroundecanoic Acid (PFUnA)	NS	ng/l	1.53U	1.57UJ	1.52U	1.43U	1.55U	1.75U

Notes:

- Concentrations reported in micrograms per liter (µg/L), which is approximately equivalent to parts per billion (ppb) or in nanograms per liter (ng/L), which is approximately equivalent to parts per trillion (ppt).
- NYS Water Quality Standards and Guidance Values, Class GA, TOGS 1.1.1
- "NS" indicates no ground water standard has been established.
- "U" indicates not detected at the indicated quantitation reporting limit (RL).
- Shaded cells indicate the value exceeds the NYS Water Quality Standard.



Source:
 -NYSDOT 7.5-minute topographic map (Eastport quadrangle).
 -Elevations are shown in feet above mean sea level.
 -Contour interval is 10 feet.

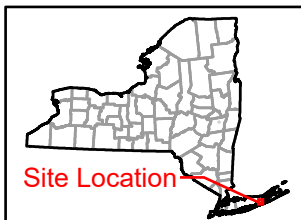
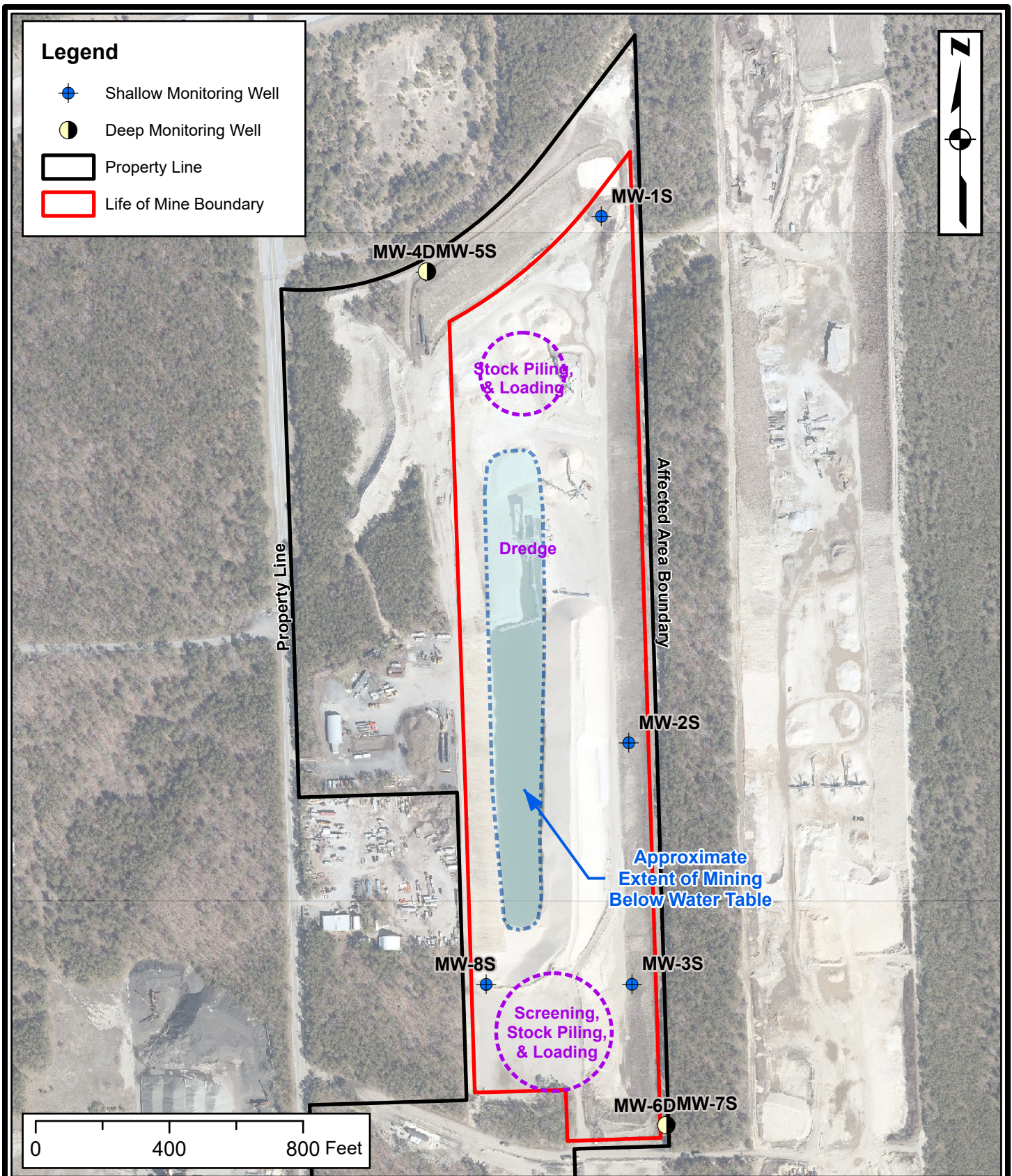


FIGURE 1
 Site Location Map

Huntington Ready Mixed Concrete, Inc.
 Town of Southampton,
 Suffolk County, New York

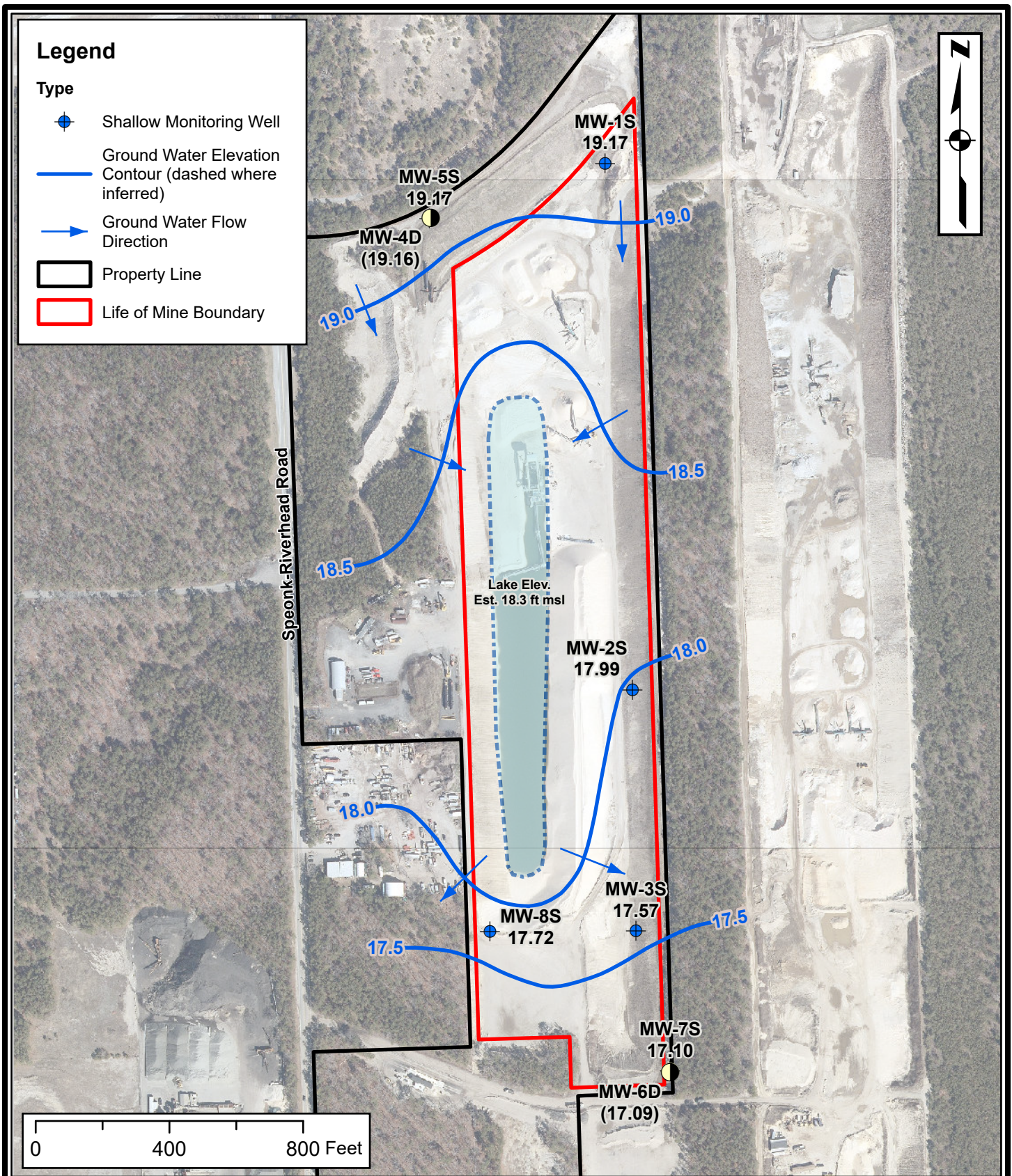


Notes:

- Monitoring well survey completed by Raynor, Marcks & Carrington Surveying April, 2021
- Mining activities based on field observations during 8/19-20/2024 quarterly ground water monitoring event. Locations are approximate.
- Basemap: Orthoimagery provided by NYS Statewide Orthoimagery Program (gis.ny.gov). Image date: March-April 2023.



FIGURE 2
Site Layout and
November 18-19, 2024
Mining Activities
 Huntington Ready Mixed Concrete, Inc.
 Town of South Hampton,
 Suffolk County, New York



Notes:

- Monitoring well survey completed by Raynor, Marcks & Carrington Surveying April, 2021
- Elevations are in reference to the 1988 North American Vertical Datum (NAVD88).
- Basemap: Orthoimagery provided by NYS Statewide Orthoimagery Program (gis.ny.gov). Image date: March-April 2023.



FIGURE 3
Ground Water Elevation
Contour Map
November 18, 2024

Huntington Ready Mixed Concrete, Inc.
Town of South Hampton,
Suffolk County, New York

APPENDIX A

Field Sampling Forms



LOW-FLOW GROUND WATER SAMPLING RECORD

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065

PROJECT NAME Huntington Ready Mixed
PROJECT NUMBER 20116
SITE LOCATION Speonk, New York

WELL ID MW-38/15
DATE 11/16/24

Page 1 of 1

GENERAL

Weather Conditions Sunny 60S
Site Access/Conditions good
Physical Condition of Well good

PURGING INFORMATION (Based on Average Water Level)

Total well depth (from top of casing):
Depth to water surface before purging (from top of casing): (Avg)
Height of water column: (DTW (5/2024))
Screen length

25.6 feet
16.3 feet
(a) 9.3 feet
(b) 10.0 feet
Lesser of a and b 9.3 feet
 $d^2 \times 0.0408$ 0.16 gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft.
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

Well diameter (d): 2 inches

One wetted screen volume before purging (1 gallon = 3.785 liters):
Volume of water equal to five wetted screen volumes:

1.5 gallons or 5.7 liters
7.6 gallons or 28.7 liters

Pump Type: Peristaltic

WQ Meter Type: Horiba (Pine Rental)

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet)	SC (mmhos/cm or umhos/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 3%	+/- 0.2 °C	+/- 0.1 SU	+/- 10% or <0.5	+/- 10 mV	+/- 10% or <5
15:08	Start	19.93	0.848	15.92	10.44	3.09	-24	0.0
15:14	1.1 g	19.97	0.663	14.46	9.80	0.0	-242	0.0
15:19	1.8 g	19.97	0.630	14.50	9.56	0.0	-331	0.0
15:24	2.5	19.97	0.616	14.32	9.41	0.0	-358	0.0
15:29	3.8	19.97	0.599	14.25	9.23	0.0	-366	0.0
15:34	4.4 g	19.97	0.592	14.30	9.18	0.0	-367	0.0
15:37	4.7 g	19.97	0.590	14.32	9.20	0.0	-367	0.0
15:40	5.0 g	19.97	0.584	14.29	9.07	0.0	-361	0.0
15:43	5.3 g	19.97	0.584	14.20	9.03	0.0	-358	0.0
15:46	5.7 g	19.97	0.584	14.11	9.05	0.0	-362	0.0

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: _____ gallons/liters
Depth of pump intake: 21.0 feet btoc

OBSERVATIONS

Color clear Odor none
Turbidity low Sheen none
Presence of NAPL none Other _____
Remarks _____

SAMPLING INFORMATION

Field Personnel _____
Sampling Method Low-Flow
Sample Date 11/16/24 Time 15:46
Sample Description _____
Analysis VOCs, SVOCs, total metals and dissolved (field filtered), PCBs, Pesticides, Anions, TDS + PFAS/RAD



LOW-FLOW GROUND WATER SAMPLING RECORD

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065

PROJECT NAME Huntington Ready Mixed
PROJECT NUMBER 20116
SITE LOCATION Speonk, New York

WELL ID MW-2S
DATE 11/18/24
Page 1 of 1

GENERAL

Weather Conditions Sunny 60s
Site Access/Conditions good
Physical Condition of Well good

PURGING INFORMATION (Based on Average Water Level)

Total well depth (from top of casing): 25.3 feet
Depth to water surface before purging (from top of casing): (Avg) 18.2 feet
Height of water column: (DTW (5/2024)) (a) 7.0 feet
Screen length (b) 10.0 feet
Lesser of a and b 7.0 feet
 $d^2 \times 0.0408$ 0.16 gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

Well diameter (d): 2 inches

One wetted screen volume before purging (1 gallon = 3.785 liters): 1.1 gallons or 4.3 liters
Volume of water equal to five wetted screen volumes: 5.7 gallons or 21.7 liters

Pump Type: Peristaltic

WQ Meter Type: Horiba (Pine Rental)

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet)	SC (mmhos/cm or umhos/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 3%	+/- 0.2 °C	+/- 0.1 SU	+/- 10% or <0.5	+/- 10 mV	+/- 10% or <5
14:02	Start	19.56	0.360	17.58	6.62	14.31	149	0.0
14:07	0.9g	19.57	0.342	16.93	6.62	12.00	164	0.0
14:12	1.5g	19.57	0.339	16.91	6.61	11.83	170	0.0
14:17	2.2g	19.57	0.336	16.89	6.62	11.69	174	0.0
14:22	3.3g	19.56	0.342	16.89	6.60	11.68	179	0.0
14:27	4.0g	19.57	0.345	16.99	6.63	9.84	181	0.0
14:30	4.3g	19.57	0.344	16.50	6.63	9.62	182	0.0
14:33	4.6g	19.57	0.349	16.50	6.62	9.54	184	0.0

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 4.6 gallons/liters
Depth of pump intake: 21.7 feet btoc

OBSERVATIONS

Color Clear Odor None
Turbidity low - clear Sheen none
Presence of NAPL none Other _____
Remarks _____

SAMPLING INFORMATION

Field Personnel ER & NS
Sampling Method Low-Flow
Sample Date 11/18/24 Time 14:33
Sample Description _____
Analysis VOCs, SVOCs, total metals and dissolved (field filtered), PCBs, Pesticides, Anions, TDS



LOW-FLOW GROUND WATER SAMPLING RECORD

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065

PROJECT NAME Huntington Ready Mixed
PROJECT NUMBER 20116
SITE LOCATION Speonk, New York

WELL ID MW-15-35
DATE 11/18/24
Page 1 of 1

GENERAL

Weather Conditions Sunny 60s
Site Access/Conditions Good
Physical Condition of Well Good

PURGING INFORMATION (Based on Average Water Level)

Total well depth (from top of casing): 25.3 feet
Depth to water surface before purging (from top of casing): (Avg) 19.0 feet
Height of water column: (DTW (5/2024)) (a) 6.3 feet
Screen length (b) 10.0 feet
Lesser of a and b 6.3 feet
 $d^2 \times 0.0408$ 0.16 gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

Well diameter (d): 2 inches

One wetted screen volume before purging (1 gallon = 3.785 liters): 1.0 gallons or 3.9 liters
Volume of water equal to five wetted screen volumes: 5.1 gallons or 19.4 liters

Pump Type: Peristaltic

WQ Meter Type: Horiba (Pine Rental)

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet)	SC (mmhos/cm or umhos/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 3%	+/- 0.2 °C	+/- 0.1 SU	+/- 10% or <0.5	+/- 10 mV	+/- 10% or <5
13:01	Start	17.83	0.827	20.02	7.37	7.18	104	0.0
13:06	0.3g	17.85	0.790	17.82	6.77	0.79	106	0.0
~~13:11~~ 13:11	1.4g	17.88	0.783	17.79	6.72	0.17	112	0.0
13:16	2.2g	17.85	0.777	17.74	6.13	0.0	147	0.0
13:21	3.0g	17.85	0.775	17.75	6.10	0.0	152	0.0
13:26	4.8g	17.85	0.772	17.74	6.08	0.0	156	0.0
13:31	5.5g	17.85	0.771	77.67	6.06	0.0	159	0.0

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 22.2 gallons/liters
Depth of pump intake: 22.2 feet btoc

OBSERVATIONS

Color Clear Odor None
Turbidity low - Clear Sheen none
Presence of NAPL none Other
Remarks

SAMPLING INFORMATION

Field Personnel ER & NS
Sampling Method Low-Flow
Sample Date 11/18/24 Time 13:31
Sample Description
Analysis VOCs, SVOCs, total metals and dissolved (field filtered), PCBs, Pesticides, Anions, TDS PFAS & RAD



LOW-FLOW GROUND WATER SAMPLING RECORD

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065

PROJECT NAME Huntington Ready Mixed
PROJECT NUMBER 20116
SITE LOCATION Speonk, New York

WELL ID MW-4D

DATE 11/19/24

Page 1 of 1

GENERAL

Weather Conditions Sunny breezy 50s
Site Access/Conditions Good
Physical Condition of Well Good

PURGING INFORMATION (Based on Average Water Level)

Total well depth (from top of casing): 131.0 feet
Depth to water surface before purging (from top of casing): (Avg) 33.8 feet
Height of water column: (DTW (5/2024)) (a) 97.2 feet
Screen length (b) 20.0 feet
Lesser of a and b 20.0 feet
Well diameter (d): 2 inches $d^2 \times 0.0408$ 0.16 gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): 3.3 gallons or 12.4 liters
Volume of water equal to five wetted screen volumes: 16.3 gallons or 61.8 liters

Pump Type: Submersible

WQ Meter Type: Horiba (Pine Rental) FA0378/

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet)	SC (mmhos/cm or umhos/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 3%	+/- 0.2 °C	+/- 0.1 SU	+/- 10% or <0.5	+/- 10 mV	+/- 10% or <5
Pump on 8:59		34.79	0.555	11.81	6.71	9.66	1200	76.0
910	5	34.81	0.555	11.81	6.71	9.66	200	76.0
915	8	34.82	0.570	11.82	6.85	9.57	196	20.6
920	10	34.82	0.573	11.82	6.90	9.47	195	10.8
925	13	34.82	0.578	11.80	6.92	9.50	196	5.03
930	15	34.82	0.583	11.81	6.94	9.41	197	2.0
935	17	34.82	0.582	11.81	6.96	9.33	198	1.2

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 16.3 gallons/liters
Depth of pump intake: 121.0 feet btoc

OBSERVATIONS

Color brown then clear Odor none
Turbidity cleared up Sheen none
Presence of NAPL none Other none
Remarks cleared up after ~ 7-8 gallons

SAMPLING INFORMATION

Field Personnel S. Hulsapple
Sampling Method Low-Flow
Sample Date 11/19/24 Time 935 - 940
Sample Description
Analysis VOCs, SVOCs, total metals and dissolved (field filtered), PCBs, Pesticides, Anions, TDS



LOW-FLOW GROUND WATER SAMPLING RECORD

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065

PROJECT NAME Huntington Ready Mixed
PROJECT NUMBER 20116
SITE LOCATION Speonk, New York

WELL ID MW-5S / ms2msd
DATE 11/19/24
Page 1 of 1

GENERAL

Weather Conditions _____
Site Access/Conditions _____
Physical Condition of Well _____

PURGING INFORMATION (Based on Average Water Level)

Total well depth (from top of casing): 43.9 feet
Depth to water surface before purging (from top of casing): (Avg) 33.5 feet
Height of water column: (DTW (5/2024)) (a) 10.4 feet
Screen length (b) 10.0 feet
Lesser of a and b 10.0 feet
 $d^2 \times 0.0408$ 0.16 gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

Well diameter (d): 2 inches

One wetted screen volume before purging (1 gallon = 3.785 liters): 1.6 gallons or 6.2 liters
Volume of water equal to five wetted screen volumes: 8.2 gallons or 30.9 liters

Pump Type: Submersible

WQ Meter Type: Horiba (Pine Rental) FA02LL6

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet) TOC	SC (mmhos/cm or umhos/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 3%	+/- 0.2 °C	+/- 0.1 SU	+/- 10% or <0.5	+/- 10 mV	+/- 10% or <5
733	pump on	35.24						
740	4.0			12.50	4.26	11.0		0.7
750	10.0	35.24	0.054	12.38	4.20	11.3	303	0.0
755	13	35.24	0.055	12.39	4.20	10.98	323	0.0
800	15	35.24	0.055	12.40	4.21	10.88	333	0.0
805	18	35.24	0.056	12.41	4.22	10.84	337	0.0
810	21	35.24	0.056	12.41	4.24	10.81	337	0.0

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 21 gallons/liters
Depth of pump intake: 38.9 feet btoc

OBSERVATIONS

Color clear Odor None
Turbidity none Sheen none
Presence of NAPL none Other _____
Remarks _____

SAMPLING INFORMATION

Field Personnel _____
Sampling Method Low-Flow
Sample Date 11/19/24 Time 810
Sample Description _____
Analysis VOCs, SVOCs, total metals and dissolved (field filtered), PCBs, Pesticides, Anions, TDS



LOW-FLOW GROUND WATER SAMPLING RECORD

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065

PROJECT NAME Huntington Ready Mixed
PROJECT NUMBER 20116
SITE LOCATION Speonk, New York

WELL ID MW-6D
DATE 11/18/24

Page 1 of 1

GENERAL

Weather Conditions Sunny 60s, Wind
Site Access/Conditions Good
Physical Condition of Well Good

PURGING INFORMATION (Based on Average Water Level)

Total well depth (from top of casing): 132.6 feet
Depth to water surface before purging (from top of casing): (Avg) 43.3 feet
Height of water column: (DTW (5/2024)) (a) 89.2 feet
Screen length (b) 20.0 feet
Lesser of a and b 20.0 feet
 $d^2 \times 0.0408$ 0.16 gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

Well diameter (d): 2 inches

One wetted screen volume before purging (1 gallon = 3.785 liters): 3.3 gallons or 12.4 liters
Volume of water equal to five wetted screen volumes: 16.3 gallons or 61.8 liters

Pump Type: Submersible

WQ Meter Type: Horiba (Pine Rental) FA 03781

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet)	SC (mmhos/cm or umhos/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 3%	+/- 0.2 °C	+/- 0.1 SU	+/- 10% or <0.5	+/- 10 mV	+/- 10% or <5
15:00		44.85					1185	
15:10	5.0	44.89	0.869	13.51	7.16	0.0	1185	136
15:15	8.0	44.90	0.865	13.46	7.15	0.0	1186	70.7
15:20	12.0	44.90	0.859	13.43	7.15	0.0	1188	41.2
15:25	15.0	44.90	0.860	13.42	7.15	0.0	1189	13.8
15:30	17.0	44.90	0.861	13.39	7.14	0.0	1190	8.0
15:35	20.0	44.91	0.852	13.36	7.11	0.0	1191	0.8
15:40	23.0	44.91	0.864	13.35	7.12		1192	0.1

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 23 gallons/liters
Depth of pump intake: 122.6 feet btoc

OBSERVATIONS

Color clear (tan at first) Odor none
Turbidity turbid at first then clear Sheen
Presence of NAPL Other
Remarks

SAMPLING INFORMATION

Field Personnel S. Hulseapple
Sampling Method Low-Flow
Sample Date 11/18/24 Time 15:40 (Bottles labeled 15:35 #)
Sample Description
Analysis VOCs, SVOCs, total metals and dissolved (field filtered), PCBs, Pesticides, Anions, TDS



LOW-FLOW GROUND WATER SAMPLING RECORD

Alpha Geoscience
679 Plank Road
Clifton Park, New York 12065

DUP

PROJECT NAME Huntington Ready Mixed
PROJECT NUMBER 20116
SITE LOCATION Speonk, New York

WELL ID MW-7S
DATE 11/18/24
Page 1 of 1

GENERAL

Weather Conditions Windy 60s Sunny
Site Access/Conditions Good
Physical Condition of Well Good

PURGING INFORMATION (Based on Average Water Level)

Total well depth (from top of casing): 54.1 feet
Depth to water surface before purging (from top of casing): (Avg) 43.4 feet
Height of water column: (DTW (5/2024)) (a) 10.7 feet
Screen length (b) 10.0 feet
Lesser of a and b 10.0 feet
Well diameter (d): 2 inches $d^2 \times 0.0408$ 0.16 gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): 1.6 gallons or 6.2 liters
Volume of water equal to five wetted screen volumes: 8.2 gallons or 30.9 liters

Pump Type: Submersible

WQ Meter Type: Horiba (Pine Rental) FAD3781

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet)	SC (mmhos/cm or umhos/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 3%	+/- 0.2 °C	+/- 0.1 SU	+/- 10% or <0.5	+/- 10 mV	+/- 10% or <5
13:30	900 mL/m	44.92						
13:40	4.5 gal	44.94	0.619	14.60	7.15	0.0	176	0.0
13:45	5.5 gal	44.94	0.622	14.55	7.15	0.0	182	0.0
13:50	8.0 gal	44.94	0.625	14.52	7.15	0.0	186	0.0
13:55	9.5	44.94	0.626	14.47	7.14	0.0	190	0.0
14:00	11.0	44.94	0.627	14.37	7.14	0.0	193	0.0
14:05	13.5	44.94	0.630	14.36	7.14	0.0	195	0.0
14:10	15.0	44.95	0.631	14.36	7.15	0.0	197	0.0
14:15	17.0	44.95	0.633	14.34	7.15	0.0	199	0.0

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 17 gallons/liters
Depth of pump intake: 49.1 feet btoc

OBSERVATIONS

Color Clear Odor None
Turbidity None Sheen None
Presence of NAPL None Other _____
Remarks _____

SAMPLING INFORMATION

Field Personnel S. Hulseapple W. Babas
Sampling Method Low-Flow
Sample Date 11/18/24 Time 1415
Sample Description _____
Analysis VOCs, SVOCs, total metals and dissolved (field filtered), PCBs, Pesticides, Anions, TDS

Herbicides
PFAS, Rds, 14 dioxane



ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065
DAILY FIELD LOG

Page ____ of ____

Project No: 20116 Day: Monday Date: 11/18/24
Project Name: Huntington Work Period: _____
Weather: Sunny 60s Completed by: S. Hulseapple
Alpha Personnel On Site: S. Hulseapple, W. Barboza, N. Stapley, E. Rafferty
Contractor On Site: _____
Others On Site: S. Dressler (DEC)

Description of Activities:

11:00 SH on-site; check in at office & off to MW-1 area
Calibrate Horiba's. Calibrated DO to zero D.O. + saturated water
(see calibration forms)

12:00 ER/NS/WB on-site

NS+ER to sample MW-3S, 2S, 1S

1S to be last & using new HDPE tubing. Rest
using dedicated LDPE

SH/WB to well G/7 cluster

1330-1415 Purge MW-7S (HDPE) -SD(DEC) on-site for ~30 mins
w/ ER/NS at MW-3S

1415-1445 Sample MW-7S & Duplicate

1500-1540 Purge MW-6D

1540 Sample MW-6D

Cleanup + move to MW-8S; NS/ER just finishing MW-1S

1610 SH/WB at MW-8S ^{HDPE} set up / NS/ER join

1620-1645 Purge MW-8S; ~~SH~~ Collected field blank at MW-8S area
Lab did not provide enough water for field & equipment blanks. Did both
last time. Prepared field blank this time

1645 Sample MW-8S

1710 finished clean up + all off-site

Static WL

MW-1	19.92	12:00
MW-4	30.78	12:50
MW-5	34.42	12:48
MW-6	44.85	12:55
MW-7	44.92	12:55
MW-8	49.75	11:40

Alpha Equipment On-site: Submersible pump (1); Rental Horiba's (2) & 1 Rental peristaltic

Contractor Equipment On-site: _____

Signature: [Signature]

Date: 11/18/24



ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065
DAILY FIELD LOG

Page 6 of 1

Project No: 20116

Day: Tuesday Date: 11/19/24

Project Name: Huntington

Work Period _____

Weather: Sunny, breezy 50's

Completed by: S. Hulseapple

Alpha Personnel On Site: S. Hulseapple, N. Stapley

Contractor On Site: _____

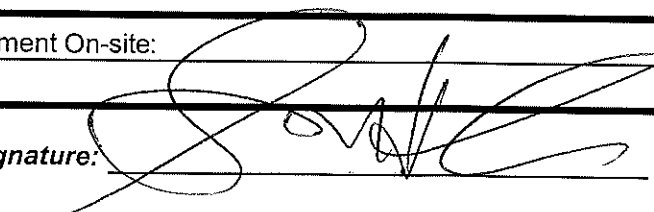
Others On Site: _____

Description of Activities:

720 SH/NS on-site; check in at office
730 At well 4/5 cluster; SH calibrates both Horiba's (see calibration sheet)
NS/SH set up on mw-55 (HDPE tubing)
735-810 purge; stable parameters; pH is low (~4.2) double check using second Horiba
and result is same conductivity is low too
810-840 sample; collect PFAs, radionuclides, & other parameters; MS/MSD here
0900 Set up on mw-4D & start purging
0935 sample 4D
1000 cleaned up & leaving well site
1010 checked out at office & left site
Courier to pick up samples at Ranco at ~12:30

Alpha Equipment On-site: 1 Submersible pump

Contractor Equipment On-site: _____

Signature: 

Date: 11/19/24



Horiba Field Calibration Record

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065

MW-1 19.92 12.10

Project Name: Huntington Ready Mixed

Project No. 20116

Date: 11/18/24

Field Personnel: S. Hulseapple

Equipment ID: FA02666

Model No.: 452

Last Lab Calibration Date: 11/14/24

Air Temperature (deg C): 58 F 14.4 C

Barometric Pressure (mmHg): 29.8" 757 mm

Temp (°C)	DO (mg/L)	Temp (°C)	DO (mg/L)	Temp (°C)
0	14.60	11	11.01	22
1	14.19	12	10.76	23
2	13.81	13	10.52	24
3	13.44	14	10.29	25
4	13.09	15	10.07	26
5	12.75	16	9.85	27
6	12.43	17	9.65	28
7	12.12	18	9.45	29
8	11.83	19	9.26	30
9	11.55	20	9.07	31
10	11.27	21	8.90	32

Barometric correction factor

CF = Barometric Pressure in mmHg/760

Date: 11/18/24

Time: 1200 p

Field Auto Calibration Check

Parameter	Units	Standard Value	Pre-Calibrated Value	Post-Calibrated Value	Pass (Y/N)	Notes
pH (+/- 0.1)	SU	4.0	4.63	4.00	Y	
Conductivity (+/- 0.2)	mS/cm	4.49	4.81	4.49	Y	
Turbidity (<0.1)	NTU	0	0	0.0	Y	
D.O. Sat* (+/- 0.2)	ppm	10.29	9.86	10.29	Y	
D.O. Zero (<0.1)	ppm	0	0.51	0.0	Y	

* To moist sat air

Equipment ID: FA03781

Model No.: 452

Last Lab Calibration Date: 11/14/24

Air Temperature (deg C):

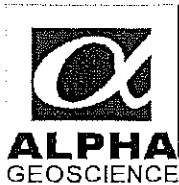
Barometric Pressure (mmHg):

Date: 11/18/24

Time: 1200 p

Field Auto Calibration Check

Parameter	Units	Standard Value	Pre-Calibrated Value	Post-Calibrated Value	Pass (Y/N)	Notes
pH	SU	4.0	5.34	4.00	Y	
Conductivity	mS/cm	4.49	4.52	4.51	Y	
Turbidity	NTU	0	0	0.0	Y	
D.O. Sat*	ppm		11.28			
D.O. Zero	ppm	0		0		



Horiba Field Calibration Record

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065

Project Name: Huntington Ready Mixed & Ready

Project No. 20116 12123

Date: 11/19/24

Field Personnel: S. Hu/seeple

Equipment ID: FA03781

Model No.: U52

Last Lab Calibration Date: 11/14/24

Air Temperature (deg C): 46°F

Barometric Pressure (mmHg): 29.9"

Temp (°C)	DO (mg/L)	Temp (°C)	DO (mg/L)	Temp (°C)
0	14.60	11	11.01	22
1	14.19	12	10.76	23
2	13.81	13	10.52	24
3	13.44	14	10.29	25
4	13.09	15	10.07	26
5	12.75	16	9.85	27
6	12.43	17	9.65	28
7	12.12	18	9.45	29
8	11.83	19	9.26	30
9	11.55	20	9.07	31
10	11.27	21	8.90	32

Barometric correction factor
CF = Barometric Pressure in mmHg/760

Date: 11/19/24

Time: 7:20

Field Auto Calibration Check

Parameter	Units	Standard Value	Pre-Calibrated Value	Post-Calibrated Value	Pass (Y/N)	Notes
pH (+/- 0.1)	SU	4.0	4.04	3.96	Y	
Conductivity (+/- 0.2)	mS/cm	4.49	4.60	4.59	Y	
Turbidity (<0.1)	NTU	0	0.0	0.0	Y	
D.O. Sat* (+/- 0.2)	ppm	11.83	11.16	11.16	Y	
D.O. Zero (<0.1)	ppm	0	0	0	Y	

Equipment ID: FA02666

Model No.: U52

Last Lab Calibration Date: 11/14/24

Air Temperature (deg C): 46°F / 8°C

Barometric Pressure (mmHg): 29.9" 759 mm

Date: 11/19/24

Time: 7:20

Field Auto Calibration Check

changed batteries before calib

Parameter	Units	Standard Value	Pre-Calibrated Value	Post-Calibrated Value	Pass (Y/N)	Notes
pH	SU	4.0	~~3.96~~ 3.96	4.00	Y	
Conductivity	mS/cm	4.49	~~4.60~~ 4.64	4.56	Y	
Turbidity	NTU	0	0	0	Y	
D.O. Sat*	ppm	11.83	11.24	12.2	Y	
D.O. Zero	ppm	0	0	0	Y	

APPENDIX B
Data Usability Summary Report

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Polyfluorinated Alkyl Substances (PFAS) Acronyms

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTriA or PFTrDA	Perfluorotridecanoic acid
PFTeA or PFTA	Perfluorotetradecanoic acid
PFBS	Perfluorobutanesulfonic acid
PFPeS	Perfluoropentanesulfonic acid
PFHxS	Perfluorohexanesulfonic acid
PFHpS	Perfluoroheptanesulfonic acid
PFOS	Perfluorooctanesulfonic acid
PFNS	Perfluorononanesulfonic acid
PFDS	Perfluorodecanesulfonic acid
FOSA	Perfluorooctane Sulfonamide
NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid
4:2 FTS or 4:2	1H, 1H, 2H, 2H-perfluorohexanesulfonic acid
6:2 FTS or 6:2	1H, 1H, 2H, 2H-perfluorooctanesulfonic acid or 6:2 Fluorotelomersulfonate
8:2 FTS or 8:2	1H, 1H, 2H, 2H-perfluorodecanesulfonic acid or 8:2 Fluorotelomersulfonate



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report
for Alpha Analytical Labs
SDG Number: L2467934**

**8 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile analyses for 8 ground water samples, 1 field duplicate, 1 field blank, and 1 trip blank; the results of semi-volatiles, SIM semi-volatiles, pesticides, herbicides, PCBs, and TAL metals for 8 ground water samples, 1 field duplicate, and 1 field blank; the results of general chemistries for 8 ground water samples and 1 field duplicate; and the results of uranium, PFAS, and 1,4-dioxane for four ground water samples, 1 field duplicate, and 1 field blank.

The overall performances of the analyses are acceptable. Alpha Analytical Labs did fulfill the requirements of the analytical methods except for SIM semi-volatile analyses.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The “not detected” volatile results for 1,2-dichloropropane, cis-1,3-dichloropropene, trichloroethene, and cyclohexane were qualified as “estimated” (UJ) for all 8 ground water samples, field duplicate, field blank, and trip blank because the 1 of 2 percent recoveries for 1,2-dichloropropane, cis-1,3-dichloropropene, trichloroethane, and cyclohexane were below QC limits, but not below 30% in the associated aqueous LCS/LCSD.
- The “not detected” semi-volatile results for hexachlorocyclopentadiene were qualified as “estimated” (UJ) for the following samples because 2 of 2 percent recoveries for hexachlorocyclopentadiene were below QC limits, but not below 30% for the associated aqueous LCS/LCSD.

MW-1S
MW-7S

MW-2S
MW-8S

MW-3S
FIELD BLANK

MW-6D
DUP

- The “not detected” semi-volatile results for hexachlorocyclopentadiene and 2,4-dinitrophenol were qualified as “rejected, unusable” (R) for samples MW-4D and MW-5S because 2 of 2 percent recoveries for hexachlorocyclopentadiene and 2,4-dinitrophenol were below QC limits and below 30% in the aqueous MS/MSD sample.
- All SIM semi-volatile results for target compounds were qualified as “rejected, unusable” (R) for samples MW-4D and MW-5S because samples were associated with a method blank containing detections of all target compounds and 7 above the RLs.
- The “not detected” PFAS results for 13 PFAS were qualified as “estimated” (UJ) for sample MW-5S because 1 of 2 percent recoveries for these 13 PFAS were below QC limits, but not below 30% for the aqueous MS/MSD sample.
- The “not detected” total metal results for antimony were qualified as “estimated” (UJ) for the following samples because 2 of 2 percent recoveries for antimony were below QC limits, but not below 30% for the associated aqueous total spike sample.

MW-1S	MW-2S	MW-4D	MW-6D
MW-7S	MW-8S	FIELD BLANK	DUP

- The positive total metal results for antimony were qualified as “estimated, biased low” (J-) for samples MW-3S and MW-5S because 2 of 2 percent recoveries for antimony were below QC limits, but not below 30% for the associated aqueous total spike sample.
- The positive dissolved metal results for iron were qualified as “estimated, biased high” (J+) for samples MW-1S and MW-5S because 1 of 2 percent recoveries for iron was above QC limits for the associated aqueous dissolved spike sample.
- The positive dissolved metal results for calcium were qualified as “estimated” (J) for all 8 ground water samples, field duplicate, and field blank because the %D for calcium was above the allowable maximum in the associated aqueous dissolved serial dilution sample and results above the RLs.
- The positive dissolved and total metal results for manganese were qualified as “estimated” (J) for samples MW-1S and MW-5S because the dissolved concentrations were greater than the total concentrations plus 10%.

- The positive dissolved and total metal results for copper were qualified as “estimated” (J) for sample MW-2S because the dissolved concentration was greater than the total concentrations plus 10%.
- The general chemistry results for total kjeldahl nitrogen (TKN) and ammonia were qualified as estimated (J) for samples MW-7S and DUP because the relative percent differences for TKN and ammonia were above the allowable maximum for the aqueous field duplicate pair MW-7S/DUP.
- The “not detected” general chemistry results for sulfide were qualified as estimated (UJ) for all 8 ground water samples and the field duplicate because the samples were analyzed beyond USEPA SW-846 holding times.

All data that are not qualified rejected (R) are considered usable with estimated (J-, J, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 12:43
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 12:43
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 12:43
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:05
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:05
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:05
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:26
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:26
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Alpha Geoscience	Lab Number	: L2467934
Project Name	: HUNTINGTON READY MIXED	Project Number	: 20116
Lab ID	: L2467934-03	Date Collected	: 11/18/24 13:31
Client ID	: MW-3S	Date Received	: 11/19/24
Sample Location	: SPEONK, NY	Date Analyzed	: 11/24/24 13:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V30241124A10	Instrument ID	: VOA130
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:48
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:48
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	7.3	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:48
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 14:10
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 14:10
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 14:10
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 14:32
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 14:32
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 14:32
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 14:54
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 14:54
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 14:54
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 15:16
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 15:16
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Alpha Geoscience	Lab Number	: L2467934
Project Name	: HUNTINGTON READY MIXED	Project Number	: 20116
Lab ID	: L2467934-08	Date Collected	: 11/18/24 16:45
Client ID	: MW-8S	Date Received	: 11/19/24
Sample Location	: SPEONK, NY	Date Analyzed	: 11/24/24 15:16
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V30241124A15	Instrument ID	: VOA130
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 16:21
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 16:21
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Alpha Geoscience	Lab Number	: L2467934
Project Name	: HUNTINGTON READY MIXED	Project Number	: 20116
Lab ID	: L2467934-09	Date Collected	: 11/18/24 00:00
Client ID	: DUP	Date Received	: 11/19/24
Sample Location	: SPEONK, NY	Date Analyzed	: 11/24/24 16:21
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V30241124A18	Instrument ID	: VOA130
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 15:37
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 15:37
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Alpha Geoscience	Lab Number	: L2467934
Project Name	: HUNTINGTON READY MIXED	Project Number	: 20116
Lab ID	: L2467934-10	Date Collected	: 11/18/24 16:30
Client ID	: FIELD BLANK	Date Received	: 11/19/24
Sample Location	: SPEONK, NY	Date Analyzed	: 11/24/24 15:37
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V30241124A16	Instrument ID	: VOA130
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-11
 Client ID : TRIP BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 15:59
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U UJ
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U UJ
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-11
 Client ID : TRIP BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V30241124A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 15:59
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA130
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U UJ
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U UJ
123-91-1	1,4-Dioxane	ND	250	61.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: Alpha Geoscience	Lab Number	: L2467934
Project Name	: HUNTINGTON READY MIXED	Project Number	: 20116
Lab ID	: L2467934-11	Date Collected	: 11/19/24 00:00
Client ID	: TRIP BLANK	Date Received	: 11/19/24
Sample Location	: SPEONK, NY	Date Analyzed	: 11/24/24 15:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V30241124A17	Instrument ID	: VOA130
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 17:42
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U UJ
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 17:42
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	2.3	5.0	0.92	J
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 17:42
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 21:56
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U UJ
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 21:56
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 21:56
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 22:18
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U UJ
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 22:18
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 22:18
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/25/24 23:30
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U R
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/25/24 23:30
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/25/24 23:30
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 00:37
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U R
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 00:37
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U R
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 00:37
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-06
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 22:41
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U UJ
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-06
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 22:41
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-06
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 22:41
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-07
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:03
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U UJ
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-07
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:03
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-07
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:03
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-08
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:26
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U UJ
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-08
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:26
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-08
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:26
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-09
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:48
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U UJ
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-09
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:48
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-09
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:48
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-10
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 00:11
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U UJ
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-10
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 00:11
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	1.4	5.0	0.35	J
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 67934-10
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 00:11
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : DAKOTA
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 67934-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 21:52
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	0.05	0.10	0.02	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.03	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.12	0.10	0.02	
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.05	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.06	0.10	0.03	J
85-01-8	Phenanthrene	0.08	0.10	0.04	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	0.04	0.10	0.03	J
87-86-5	Pentachlorophenol	0.19	0.80	0.06	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 67934-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 22:40
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 67934-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 22:56
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 67934-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 16:38
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : KMH
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier	
		Results	RL	MDL		
83-32-9	Acenaphthene	ND	0.10	0.02	U	R
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	R
206-44-0	Fluoranthene	ND	0.10	0.03	U	R
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	R
91-20-3	Naphthalene	0.03	0.10	0.02	JB	R
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U	R
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	R
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	R
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	R
218-01-9	Chrysene	ND	0.10	0.03	U	R
208-96-8	Acenaphthylene	ND	0.10	0.02	U	R
120-12-7	Anthracene	ND	0.10	0.02	U	R
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	R
86-73-7	Fluorene	ND	0.10	0.03	U	R
85-01-8	Phenanthrene	ND	0.10	0.04	U	R
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	R
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	R
129-00-0	Pyrene	ND	0.10	0.04	U	R
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	R
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	R
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	R
67-72-1	Hexachloroethane	ND	0.80	0.02	U	R



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 67934-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 16:54
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : KMH
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier	
		Results	RL	MDL		
83-32-9	Acenaphthene	ND	0.10	0.02	U	R
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	R
206-44-0	Fluoranthene	ND	0.10	0.03	U	R
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	R
91-20-3	Naphthalene	ND	0.10	0.02	U	R
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U	R
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	R
205-99-2	Benzo(b)fluoranthene	0.03	0.10	0.03	J	R
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	R
218-01-9	Chrysene	ND	0.10	0.03	U	R
208-96-8	Acenaphthylene	ND	0.10	0.02	U	R
120-12-7	Anthracene	ND	0.10	0.02	U	R
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	R
86-73-7	Fluorene	ND	0.10	0.03	U	R
85-01-8	Phenanthrene	ND	0.10	0.04	U	R
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	R
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	R
129-00-0	Pyrene	ND	0.10	0.04	U	R
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	R
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	R
118-74-1	Hexachlorobenzene	0.01	0.80	0.01	J	R
67-72-1	Hexachloroethane	ND	0.80	0.02	U	R



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 67934-06
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:13
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 67934-07
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:29
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 67934-08
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 23:45
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 67934-09
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 00:01
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 67934-10
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 00:17
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F2311252432
Sample Amount : 2580 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:46
Date Received : 11/19/24
Date Analyzed : 11/25/24 23:38
Date Extracted : 11/22/24
Dilution Factor : 1
Analyst : CSP
Instrument ID : PAH23
GC Column : RTX-5
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	10.6	14.5	3.28	J



Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F2311252433
Sample Amount : 230 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 08:10
Date Received : 11/19/24
Date Analyzed : 11/26/24 00:04
Date Extracted : 11/22/24
Dilution Factor : 1
Analyst : CSP
Instrument ID : PAH23
GC Column : RTX-5
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	163	36.8	U



Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F2311252436
Sample Amount : 250 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:15
Date Received : 11/19/24
Date Analyzed : 11/26/24 01:18
Date Extracted : 11/22/24
Dilution Factor : 1
Analyst : CSP
Instrument ID : PAH23
GC Column : RTX-5
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	150	33.9	U



Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F2311252437
Sample Amount : 250 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 16:45
Date Received : 11/19/24
Date Analyzed : 11/26/24 01:42
Date Extracted : 11/22/24
Dilution Factor : 1
Analyst : CSP
Instrument ID : PAH23
GC Column : RTX-5
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	150	33.9	U



Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F2311252438
Sample Amount : 260 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 00:00
Date Received : 11/19/24
Date Analyzed : 11/26/24 02:06
Date Extracted : 11/22/24
Dilution Factor : 1
Analyst : CSP
Instrument ID : PAH23
GC Column : RTX-5
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	144	32.6	U



Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-10
Client ID : FIELD BLANK
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F2311252439
Sample Amount : 270 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 16:30
Date Received : 11/19/24
Date Analyzed : 11/26/24 02:31
Date Extracted : 11/22/24
Dilution Factor : 1
Analyst : CSP
Instrument ID : PAH23
GC Column : RTX-5
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	139	31.4	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8151A
Lab File ID : 17241121a-82
Sample Amount : 1000 ml
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:46
Date Received : 11/19/24
Date Analyzed : 11/23/24 12:19
Date Extracted : 11/21/24
Dilution Factor : 1
Analyst : EJL
Instrument ID : PEST17
GC Column : STX-CLP1
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8151A
Lab File ID : 17241121a-83
Sample Amount : 1000 ml
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:33
Date Received : 11/19/24
Date Analyzed : 11/23/24 12:38
Date Extracted : 11/21/24
Dilution Factor : 1
Analyst : EJL
Instrument ID : PEST17
GC Column : STX-CLP1
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17241121a-84
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 12:56
 Date Extracted : 11/21/24
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8151A
Lab File ID : 17241121a-85
Sample Amount : 1000 ml
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 09:35
Date Received : 11/19/24
Date Analyzed : 11/23/24 13:14
Date Extracted : 11/21/24
Dilution Factor : 1
Analyst : EJL
Instrument ID : PEST17
GC Column : STX-CLP1
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17241121a-86
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 13:33
 Date Extracted : 11/21/24
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17241121a-89
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 14:28
 Date Extracted : 11/21/24
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8151A
Lab File ID : 17241121a-90
Sample Amount : 1000 ml
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:15
Date Received : 11/19/24
Date Analyzed : 11/23/24 14:46
Date Extracted : 11/21/24
Dilution Factor : 1
Analyst : EJL
Instrument ID : PEST17
GC Column : STX-CLP1
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17241121a-91
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 15:05
 Date Extracted : 11/21/24
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17241121a-92
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 15:23
 Date Extracted : 11/21/24
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17241121a-93
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 15:42
 Date Extracted : 11/21/24
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-18
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 12:23
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-19
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 12:33
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-20
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 12:42
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-21
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 12:52
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-22
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:01
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-25
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:29
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-26
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 13:39
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-32
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 16:48
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-32
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 16:48
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-PesticideII
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-33
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 16:57
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2241124a-34
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/24/24 17:07
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-43
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 03:34
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	0.009	0.014	0.003	J
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	0.005	0.029	0.003	J
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	0.006	0.029	0.003	J
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-43
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 03:34
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.033	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-44
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 03:46
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-44
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 03:46
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.033	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-45
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 03:58
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U



Results Summary
Form 1
Organochlorine Pesticides by GC

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8081B
Lab File ID : 18241125b-45
Sample Amount : 140 ml
Extraction Method : EPA 3510C
Extract Volume : 1000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 13:31
Date Received : 11/19/24
Date Analyzed : 11/26/24 03:58
Date Extracted : 11/23/24
Dilution Factor : 1
Analyst : AKM
Instrument ID : PEST18
GC Column : CLPPesticides
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.033	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-46
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 04:10
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-46
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 04:10
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.033	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-47
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 04:22
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-47
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 04:22
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.033	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-50
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 04:58
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-50
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 04:58
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.033	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-51
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 05:11
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-51
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 05:11
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.033	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-52
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 05:23
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-52
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 05:23
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.033	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-53
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 05:35
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-53
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 05:35
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.033	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-54
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 05:47
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.003	U
58-89-9	Lindane	ND	0.014	0.003	U
319-84-6	Alpha-BHC	ND	0.014	0.003	U
319-85-7	Beta-BHC	ND	0.014	0.004	U
76-44-8	Heptachlor	ND	0.014	0.002	U
309-00-2	Aldrin	ND	0.014	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.003	U
72-20-8	Endrin	ND	0.029	0.003	U
7421-93-4	Endrin aldehyde	ND	0.029	0.006	U
53494-70-5	Endrin ketone	ND	0.029	0.003	U
60-57-1	Dieldrin	ND	0.029	0.003	U
72-55-9	4,4'-DDE	ND	0.029	0.003	U
72-54-8	4,4'-DDD	ND	0.029	0.003	U
50-29-3	4,4'-DDT	ND	0.029	0.003	U
959-98-8	Endosulfan I	ND	0.014	0.002	U
33213-65-9	Endosulfan II	ND	0.029	0.004	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.003	U
72-43-5	Methoxychlor	ND	0.143	0.005	U
8001-35-2	Toxaphene	ND	0.143	0.045	U
5103-71-9	cis-Chlordane	ND	0.014	0.005	U
5103-74-2	trans-Chlordane	ND	0.014	0.004	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18241125b-54
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 05:47
 Date Extracted : 11/23/24
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.033	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_22
 Sample Amount : 522.04 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 22:48
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	12.4	6.13	0.506	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	13.9	3.06	0.345	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.93	1.53	0.383	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.13	0.873	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	14.3	1.53	0.238	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	1.16	1.53	0.199	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	8.57	1.53	0.230	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	9.01	1.53	0.130	
335-67-1	Perfluorooctanoic Acid (PFOA)	65.7	1.53	0.253	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.13	4.61	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.774	1.53	0.192	J
375-95-1	Perfluorononanoic Acid (PFNA)	5.86	1.53	0.253	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	32.4	1.53	0.253	
335-76-2	Perfluorodecanoic Acid (PFDA)	2.74	1.53	0.199	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.13	1.17	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.53	0.192	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	0.942	1.53	0.460	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.53	0.168	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_22
 Sample Amount : 522.04 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 22:48
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.53	0.130	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	1.49	1.53	0.092	JF
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.16	1.53	0.460	J
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.53	0.207	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.53	0.176	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.53	0.153	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.13	1.53	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.13	0.360	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.53	0.230	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.13	0.421	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.13	0.429	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.53	0.214	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.53	0.337	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.3	1.25	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_22
 Sample Amount : 522.04 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 22:48
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	15.3	1.06	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.06	0.238	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.06	0.345	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.06	0.314	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.06	0.521	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.66	0.513	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	38.3	4.08	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	38.3	3.05	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_23
 Sample Amount : 508.92 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 22:57
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.542	6.29	0.519	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	3.14	0.354	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.57	0.393	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.29	0.896	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.346	1.57	0.244	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.57	0.204	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.57	0.236	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.754	1.57	0.134	J
335-67-1	Perfluorooctanoic Acid (PFOA)	1.26	1.57	0.259	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.29	4.73	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.57	0.196	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.57	0.259	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.40	1.57	0.259	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.57	0.204	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.29	1.20	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.57	0.196	U UJ
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.57	0.472	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.57	0.173	U UJ



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_23
 Sample Amount : 508.92 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 22:57
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier	
		Results	RL	MDL		
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.57	0.134	U	UJ
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.57	0.094	U	UJ
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.57	0.472	U	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.57	0.212	U	UJ
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.57	0.181	U	UJ
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.57	0.157	U	UJ
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.29	1.57	U	
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.29	0.369	U	
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.57	0.236	U	UJ
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.29	0.432	U	
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.29	0.440	U	UJ
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.57	0.220	U	UJ
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.57	0.346	U	UJ
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.7	1.28	U	UJ



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_23
 Sample Amount : 508.92 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 22:57
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier	
		Results	RL	MDL		
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	15.7	1.08	U	UJ
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.14	0.244	U	
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.14	0.354	U	
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.14	0.322	U	
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.14	0.534	U	
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.86	0.527	U	
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	39.3	4.18	U	
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	39.3	3.13	U	



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_26
 Sample Amount : 527.13 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:23
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	7.74	6.07	0.501	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	9.82	3.04	0.341	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.60	1.52	0.379	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.07	0.865	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	9.46	1.52	0.235	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	1.18	1.52	0.197	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	7.88	1.52	0.228	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	7.03	1.52	0.129	
335-67-1	Perfluorooctanoic Acid (PFOA)	19.5	1.52	0.250	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.07	4.57	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.52	0.190	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.02	1.52	0.250	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	3.78	1.52	0.250	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.52	0.197	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.07	1.16	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.52	0.190	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.52	0.455	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.52	0.167	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_26
 Sample Amount : 527.13 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:23
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.52	0.129	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.52	0.091	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.52	0.455	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.52	0.205	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.52	0.174	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.52	0.152	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.07	1.52	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.07	0.357	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.52	0.228	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.07	0.417	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.07	0.425	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.52	0.212	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.52	0.334	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.2	1.24	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_26
 Sample Amount : 527.13 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:23
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	15.2	1.05	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.04	0.235	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.04	0.341	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.04	0.311	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.04	0.516	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.59	0.508	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	37.9	4.04	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	37.9	3.02	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_27
 Sample Amount : 517.07 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:32
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	7.26	6.19	0.510	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	11.6	3.09	0.348	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.66	1.55	0.387	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.19	0.882	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	11.0	1.55	0.240	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	0.650	1.55	0.201	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	5.42	1.55	0.232	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	5.15	1.55	0.132	
335-67-1	Perfluorooctanoic Acid (PFOA)	29.6	1.55	0.255	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.19	4.66	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.425	1.55	0.193	J
375-95-1	Perfluorononanoic Acid (PFNA)	3.29	1.55	0.255	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	18.1	1.55	0.255	
335-76-2	Perfluorodecanoic Acid (PFDA)	2.45	1.55	0.201	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.19	1.18	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.55	0.193	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.55	0.464	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.55	0.170	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_27
 Sample Amount : 517.07 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:32
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.55	0.132	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	1.33	1.55	0.093	JF
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.55	0.464	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.55	0.209	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.55	0.178	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.55	0.155	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.19	1.55	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.19	0.364	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.55	0.232	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.19	0.425	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.19	0.433	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.55	0.217	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.55	0.340	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.5	1.26	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_27
 Sample Amount : 517.07 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:32
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	15.5	1.07	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.09	0.240	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.09	0.348	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.09	0.317	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.09	0.526	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.74	0.518	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	38.7	4.12	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	38.7	3.08	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_28
 Sample Amount : 558.92 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:41
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	7.16	5.72	0.472	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	9.44	2.86	0.322	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.38	1.43	0.358	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.72	0.816	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	9.84	1.43	0.222	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	1.18	1.43	0.186	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	7.00	1.43	0.215	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	6.65	1.43	0.122	
335-67-1	Perfluorooctanoic Acid (PFOA)	19.2	1.43	0.236	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.72	4.31	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.43	0.179	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.880	1.43	0.236	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	3.70	1.43	0.236	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.43	0.186	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.72	1.09	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.43	0.179	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.43	0.429	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.43	0.157	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_28
 Sample Amount : 558.92 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:41
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.43	0.122	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.43	0.086	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.43	0.429	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.43	0.193	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.43	0.165	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.43	0.143	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.72	1.43	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.72	0.336	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.43	0.215	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.72	0.394	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.72	0.401	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.43	0.200	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.43	0.315	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.3	1.17	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_28
 Sample Amount : 558.92 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:41
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.3	0.988	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.86	0.222	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.86	0.322	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	2.86	0.293	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.86	0.487	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.16	0.479	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	35.8	3.81	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	35.8	2.85	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_29
 Sample Amount : 456.21 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:50
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	7.01	0.579	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	3.51	0.394	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.75	0.438	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.01	1.00	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.75	0.272	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.75	0.228	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.75	0.263	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.75	0.149	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.75	0.289	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.01	5.28	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.219	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.75	0.289	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.75	0.289	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.75	0.228	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.01	1.34	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.75	0.219	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.75	0.526	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.193	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_29
 Sample Amount : 456.21 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:50
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.149	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.75	0.105	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.75	0.526	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.237	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.202	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.75	0.175	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.01	1.75	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.01	0.412	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.75	0.263	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.01	0.482	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.01	0.491	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.75	0.246	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.75	0.386	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	17.5	1.43	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI09_241223_29
 Sample Amount : 456.21 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 12/23/24 23:50
 Date Extracted : 12/23/24
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS09
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	17.5	1.21	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.51	0.272	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.51	0.394	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.51	0.359	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.51	0.596	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	8.77	0.587	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	43.8	4.66	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	3.78	43.8	3.49	J



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2002362.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 08:10
Date Received : 11/19/24
Date Analyzed : 11/26/24 18:00
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.0306	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00125	0.00400	0.00042	J J-
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00344	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00015	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00007	0.00020	0.00005	J
7440-47-3	Chromium, Total	0.00043	0.00100	0.00017	J
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	0.0361	0.0500	0.0191	J
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	0.813	0.0700	0.0242	
7439-96-5	Manganese, Total	0.01271	0.00100	0.00044	J
7440-02-0	Nickel, Total	0.00072	0.00200	0.00055	J
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	4.76	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2003903.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:46
Date Received : 11/19/24
Date Analyzed : 12/02/24 19:09
Dilution Factor : 1
Analyst : WKP
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	0.384	0.0100	0.00327		
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	UJ
7440-38-2	Arsenic, Total	0.00456	0.00050	0.00016		
7440-39-3	Barium, Total	0.01612	0.00050	0.00017		
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	43.5	0.100	0.0394		
7440-47-3	Chromium, Total	0.00047	0.00100	0.00017	J	
7440-48-4	Cobalt, Total	0.00050	0.00050	0.00016		
7440-50-8	Copper, Total	0.00079	0.00100	0.00038	J	
7439-89-6	Iron, Total	1.18	0.0500	0.0191		
7439-92-1	Lead, Total	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Total	0.286	0.0700	0.0242		
7439-96-5	Manganese, Total	0.9329	0.00100	0.00044		J
7440-02-0	Nickel, Total	0.00336	0.00200	0.00055		
7440-09-7	Potassium, Total	25.5	0.100	0.0309		
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Total	50.0	0.500	0.0293		
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U	
7440-62-2	Vanadium, Total	0.00290	0.00500	0.00157	J	
7440-66-6	Zinc, Total	0.00475	0.01000	0.00341	J	



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2003903.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:33
Date Received : 11/19/24
Date Analyzed : 12/02/24 19:48
Dilution Factor : 1
Analyst : WKP
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00417	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U UJ
7440-38-2	Arsenic, Total	0.00017	0.00050	0.00016	J
7440-39-3	Barium, Total	0.01748	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	52.9	0.100	0.0394	
7440-47-3	Chromium, Total	0.00147	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00026	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00129	0.00100	0.00038	J
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	4.61	0.0700	0.0242	
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	8.81	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	5.10	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2003903.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 13:31
Date Received : 11/19/24
Date Analyzed : 12/02/24 19:52
Dilution Factor : 1
Analyst : WKP
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00797	0.0100	0.00327	J
7440-36-0	Antimony, Total	0.00066	0.00400	0.00042	J J-
7440-38-2	Arsenic, Total	0.00066	0.00050	0.00016	
7440-39-3	Barium, Total	0.1184	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	103.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00042	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00115	0.00050	0.00016	
7440-50-8	Copper, Total	0.00283	0.00100	0.00038	
7439-89-6	Iron, Total	0.0626	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	9.28	0.0700	0.0242	
7439-96-5	Manganese, Total	0.02365	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00084	0.00200	0.00055	J
7440-09-7	Potassium, Total	31.4	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	30.7	0.500	0.0293	
7440-28-0	Thallium, Total	0.00033	0.00100	0.00014	J
7440-62-2	Vanadium, Total	0.00297	0.00500	0.00157	J
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2003903.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 09:35
Date Received : 11/19/24
Date Analyzed : 12/02/24 19:57
Dilution Factor : 1
Analyst : WKP
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	0.0187	0.0100	0.00327		
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	UJ
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U	
7440-39-3	Barium, Total	0.07158	0.00050	0.00017		
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	19.6	0.100	0.0394		
7440-47-3	Chromium, Total	0.00453	0.00100	0.00017		
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U	
7440-50-8	Copper, Total	ND	0.00100	0.00038	U	
7439-89-6	Iron, Total	0.0513	0.0500	0.0191		
7439-92-1	Lead, Total	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Total	11.7	0.0700	0.0242		
7439-96-5	Manganese, Total	0.00428	0.00100	0.00044		
7440-02-0	Nickel, Total	0.00211	0.00200	0.00055		
7440-09-7	Potassium, Total	1.43	0.100	0.0309		
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Total	79.9	0.500	0.0293		
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U	
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U	



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2003903.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 08:10
Date Received : 11/19/24
Date Analyzed : 12/02/24 18:31
Dilution Factor : 1
Analyst : WKP
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-70-2	Calcium, Total	3.48	0.100	0.0394	
7440-09-7	Potassium, Total	0.733	0.100	0.0309	



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2003903.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:40
Date Received : 11/19/24
Date Analyzed : 12/02/24 20:02
Dilution Factor : 1
Analyst : WKP
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier	
		Results	RL	MDL		
7429-90-5	Aluminum, Total	0.261	0.0100	0.00327		
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	UJ
7440-38-2	Arsenic, Total	0.00059	0.00050	0.00016		
7440-39-3	Barium, Total	0.05890	0.00050	0.00017		
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	86.9	0.100	0.0394		
7440-47-3	Chromium, Total	0.02308	0.00100	0.00017		
7440-48-4	Cobalt, Total	0.00091	0.00050	0.00016		
7440-50-8	Copper, Total	0.00451	0.00100	0.00038		
7439-89-6	Iron, Total	0.869	0.0500	0.0191		
7439-92-1	Lead, Total	0.00060	0.00100	0.00034	J	
7439-95-4	Magnesium, Total	21.2	0.0700	0.0242		
7439-96-5	Manganese, Total	2.230	0.00100	0.00044		
7440-02-0	Nickel, Total	0.01319	0.00200	0.00055		
7440-09-7	Potassium, Total	23.1	0.100	0.0309		
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Total	35.3	0.500	0.0293		
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U	
7440-62-2	Vanadium, Total	0.00200	0.00500	0.00157	J	
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U	



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2003903.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:15
Date Received : 11/19/24
Date Analyzed : 12/02/24 20:06
Dilution Factor : 1
Analyst : WKP
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00407	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U UJ
7440-38-2	Arsenic, Total	0.00022	0.00050	0.00016	J
7440-39-3	Barium, Total	0.09536	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	97.1	0.100	0.0394	
7440-47-3	Chromium, Total	0.00055	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00032	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00161	0.00100	0.00038	
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	11.1	0.0700	0.0242	
7439-96-5	Manganese, Total	0.6885	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	17.6	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	18.9	0.500	0.0293	
7440-28-0	Thallium, Total	0.00077	0.00100	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2003903.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 16:45
Date Received : 11/19/24
Date Analyzed : 12/02/24 20:11
Dilution Factor : 1
Analyst : WKP
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00564	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U UJ
7440-38-2	Arsenic, Total	0.00023	0.00050	0.00016	J
7440-39-3	Barium, Total	0.09825	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	40.2	0.100	0.0394	
7440-47-3	Chromium, Total	0.00189	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00023	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00216	0.00100	0.00038	
7439-89-6	Iron, Total	0.0245	0.0500	0.0191	J
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	4.35	0.0700	0.0242	
7439-96-5	Manganese, Total	0.00203	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00209	0.00200	0.00055	
7440-09-7	Potassium, Total	23.1	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	31.4	0.500	0.0293	
7440-28-0	Thallium, Total	0.00026	0.00100	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2003903.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 00:00
Date Received : 11/19/24
Date Analyzed : 12/02/24 20:16
Dilution Factor : 1
Analyst : WKP
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U UJ
7440-38-2	Arsenic, Total	0.00021	0.00050	0.00016	J
7440-39-3	Barium, Total	0.09266	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	94.0	0.100	0.0394	
7440-47-3	Chromium, Total	0.00055	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00031	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00164	0.00100	0.00038	
7439-89-6	Iron, Total	0.0300	0.0500	0.0191	J
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	10.9	0.0700	0.0242	
7439-96-5	Manganese, Total	0.6709	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	17.2	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	18.4	0.500	0.0293	
7440-28-0	Thallium, Total	0.00073	0.00100	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-10
Client ID : FIELD BLANK
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2003903.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 16:30
Date Received : 11/19/24
Date Analyzed : 12/02/24 19:43
Dilution Factor : 1
Analyst : WKP
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U UJ
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	0.00036	0.00100	0.00017	J
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.500	0.0293	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2004359.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:46
Date Received : 11/19/24
Date Analyzed : 12/03/24 20:17
Dilution Factor : 1
Analyst : MRC
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	0.334	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00447	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.01598	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	39.5	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	0.00040	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00049	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00052	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	1.15	0.0500	0.0191	J+
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	0.296	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	1.124	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	0.00158	0.00200	0.00055	J
7440-09-7	Potassium, Dissolved	26.5	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	51.3	0.500	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	0.00258	0.00500	0.00157	J
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2004359.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:33
Date Received : 11/19/24
Date Analyzed : 12/03/24 20:21
Dilution Factor : 1
Analyst : MRC
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	0.00045	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00025	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.01682	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	56.0	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	0.00181	0.00100	0.00017	
7440-48-4	Cobalt, Dissolved	0.00028	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00147	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	4.76	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.00073	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	9.31	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	5.03	0.500	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2004359.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 13:31
Date Received : 11/19/24
Date Analyzed : 12/03/24 20:26
Dilution Factor : 1
Analyst : MRC
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	0.00058	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00043	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.1052	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	97.0	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	0.00030	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00062	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00251	0.00100	0.00038	
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	8.77	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.01018	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	31.6	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	29.0	0.500	0.0293	
7440-28-0	Thallium, Dissolved	0.00025	0.00100	0.00014	J
7440-62-2	Vanadium, Dissolved	0.00273	0.00500	0.00157	J
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1

METALS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG2004359.pdf
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 12/03/24 20:30
 Dilution Factor : 1
 Analyst : MRC
 Instrument ID : ICPMSQ2
 %Solids : N/A
 Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.06577	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	19.3	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	0.00165	0.00100	0.00017	
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	12.2	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.00091	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	1.52	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	80.5	0.500	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1

METALS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG2004359.pdf
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 12/03/24 19:10
 Dilution Factor : 1
 Analyst : MRC
 Instrument ID : ICPMSQ2
 %Solids : N/A
 Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	0.0285	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00066	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00016	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.00338	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	0.00012	0.00050	0.00010	J
7440-43-9	Cadmium, Dissolved	0.00009	0.00020	0.00005	J
7440-70-2	Calcium, Dissolved	3.48	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	0.00041	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	0.00060	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.0407	0.0500	0.0191	J J+
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	0.884	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.01409	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	0.728	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	5.06	0.500	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1

METALS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG2004359.pdf
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 12/03/24 20:35
 Dilution Factor : 1
 Analyst : MRC
 Instrument ID : ICPMSQ2
 %Solids : N/A
 Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00028	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.05292	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	84.5	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	0.00083	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00051	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00126	0.00100	0.00038	
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	22.2	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	2.374	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	24.4	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	35.5	0.500	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2004359.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:15
Date Received : 11/19/24
Date Analyzed : 12/03/24 20:53
Dilution Factor : 1
Analyst : MRC
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00029	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.08404	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	86.1	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	0.00077	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00027	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00169	0.00100	0.00038	
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	10.7	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.6321	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	16.8	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	17.0	0.500	0.0293	
7440-28-0	Thallium, Dissolved	0.00066	0.00100	0.00014	J
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2004359.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 16:45
Date Received : 11/19/24
Date Analyzed : 12/03/24 20:57
Dilution Factor : 1
Analyst : MRC
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	0.00487	0.0100	0.00327	J
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00025	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.08092	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	35.9	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	0.00035	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00017	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00185	0.00100	0.00038	
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	3.98	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.00166	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	23.1	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	29.1	0.500	0.0293	
7440-28-0	Thallium, Dissolved	0.00020	0.00100	0.00014	J
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2004359.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 00:00
Date Received : 11/19/24
Date Analyzed : 12/03/24 21:02
Dilution Factor : 1
Analyst : MRC
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00036	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.08758	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	89.2	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	0.00037	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00033	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00147	0.00100	0.00038	
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	11.2	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.6602	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	17.4	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	17.5	0.500	0.0293	
7440-28-0	Thallium, Dissolved	0.00066	0.00100	0.00014	J
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-10
Client ID : FIELD BLANK
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2004359.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 16:30
Date Received : 11/19/24
Date Analyzed : 12/03/24 20:48
Dilution Factor : 1
Analyst : MRC
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	0.00043	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	0.00023	0.00050	0.00017	J
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	0.148	0.100	0.0394	J
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	ND	0.0700	0.0242	U
7439-96-5	Manganese, Dissolved	ND	0.00100	0.00044	U
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	ND	0.100	0.0309	U
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	0.743	0.500	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1

METALS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG2003107.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 11:27
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC4
 %Solids : N/A
 Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003107.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:33
Date Received : 11/19/24
Date Analyzed : 11/27/24 11:31
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC4
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003107.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 13:31
Date Received : 11/19/24
Date Analyzed : 11/27/24 11:34
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC4
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003107.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 09:35
Date Received : 11/19/24
Date Analyzed : 11/27/24 11:37
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC4
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003107.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 08:10
Date Received : 11/19/24
Date Analyzed : 11/27/24 11:18
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC4
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003107.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:40
Date Received : 11/19/24
Date Analyzed : 11/27/24 11:41
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC4
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003107.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:15
Date Received : 11/19/24
Date Analyzed : 11/27/24 11:51
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC4
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003107.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 16:45
Date Received : 11/19/24
Date Analyzed : 11/27/24 11:54
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC4
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003107.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 00:00
Date Received : 11/19/24
Date Analyzed : 11/27/24 11:57
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC4
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-10
Client ID : FIELD BLANK
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003107.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 16:30
Date Received : 11/19/24
Date Analyzed : 11/27/24 12:01
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC4
%Solids : N/A
Date Digested : 11/25/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003119.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:46
Date Received : 11/19/24
Date Analyzed : 11/27/24 20:59
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC3
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG2003119.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 21:02
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003119.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 13:31
Date Received : 11/19/24
Date Analyzed : 11/27/24 21:06
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC3
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003119.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 09:35
Date Received : 11/19/24
Date Analyzed : 11/27/24 21:16
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC3
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG2003119.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 20:43
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003119.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:40
Date Received : 11/19/24
Date Analyzed : 11/27/24 21:19
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC3
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG2003119.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 21:22
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003119.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 16:45
Date Received : 11/19/24
Date Analyzed : 11/27/24 21:26
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC3
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2003119.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 00:00
Date Received : 11/19/24
Date Analyzed : 11/27/24 21:29
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC3
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG2003119.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:30
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 21:32
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320241127-B
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 13:04
 Dilution Factor : 1
 Analyst : KEM
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 11/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	3.38	0.300	0.066	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320241127-B
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 13:05
 Dilution Factor : 1
 Analyst : KEM
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 11/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.275	0.300	0.066	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320241127-B
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 13:06
 Dilution Factor : 1
 Analyst : KEM
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 11/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.315	0.300	0.066	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320241127-B
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 13:07
 Dilution Factor : 1
 Analyst : KEM
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 11/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.073	0.300	0.066	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320241127-B
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 13:08
 Dilution Factor : 1
 Analyst : KEM
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 11/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	ND	0.300	0.066	U



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320241127-B
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 13:09
 Dilution Factor : 1
 Analyst : KEM
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 11/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	2.94	0.300	0.066	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320241127-B
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 13:10
 Dilution Factor : 1
 Analyst : KEM
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 11/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.366	0.300	0.066	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320241127-B
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/27/24 13:14
 Dilution Factor : 1
 Analyst : KEM
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 11/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.235	0.300	0.066	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500NH3-H
Lab File ID : NH320241127-B
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 00:00
Date Received : 11/19/24
Date Analyzed : 11/27/24 13:15
Dilution Factor : 1
Analyst : KEM
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 11/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.287	0.300	0.066	J J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,350.1
Lab File ID : NH320241126-J
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:46
Date Received : 11/19/24
Date Analyzed : 11/26/24 20:25
Dilution Factor : 1
Analyst : AT
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	2.68	0.075	0.024	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,350.1
Lab File ID : NH320241126-J
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:33
Date Received : 11/19/24
Date Analyzed : 11/26/24 20:26
Dilution Factor : 1
Analyst : AT
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.076	0.075	0.024	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,350.1
Lab File ID : NH320241126-J
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 13:31
Date Received : 11/19/24
Date Analyzed : 11/26/24 20:27
Dilution Factor : 1
Analyst : AT
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.061	0.075	0.024	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,350.1
Lab File ID : NH320241126-J
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 09:35
Date Received : 11/19/24
Date Analyzed : 11/26/24 20:30
Dilution Factor : 1
Analyst : AT
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	ND	0.075	0.024	U



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,350.1
Lab File ID : NH320241126-J
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 08:10
Date Received : 11/19/24
Date Analyzed : 11/26/24 20:39
Dilution Factor : 1
Analyst : AT
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.027	0.075	0.024	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,350.1
Lab File ID : NH320241126-J
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:40
Date Received : 11/19/24
Date Analyzed : 11/26/24 20:46
Dilution Factor : 1
Analyst : AT
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	2.69	0.075	0.024	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,350.1
 Lab File ID : NH320241126-J
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 20:47
 Dilution Factor : 1
 Analyst : AT
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.152	0.075	0.024	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,350.1
 Lab File ID : NH320241126-J
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 20:48
 Dilution Factor : 1
 Analyst : AT
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	ND	0.075	0.024	U



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,350.1
Lab File ID : NH320241126-J
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 00:00
Date Received : 11/19/24
Date Analyzed : 11/26/24 20:49
Dilution Factor : 1
Analyst : AT
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 11/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.106	0.075	0.024	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3241126-C1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 09:25
 Dilution Factor : 1
 Analyst : KAF
 Instrument ID : FIA1
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Nitrate/Nitrite	ND	0.10	0.046	U



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3241126-C1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 09:26
 Dilution Factor : 1
 Analyst : KAF
 Instrument ID : FIA1
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Nitrate/Nitrite	0.98	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3241126-C1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 09:30
 Dilution Factor : 1
 Analyst : KAF
 Instrument ID : FIA1
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Nitrate/Nitrite	6.3	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3241126-C1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 09:32
 Dilution Factor : 1
 Analyst : KAF
 Instrument ID : FIA1
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Nitrate/Nitrite	0.56	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500NO3-F
Lab File ID : NO3241126-C1
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 08:10
Date Received : 11/19/24
Date Analyzed : 11/26/24 09:33
Dilution Factor : 1
Analyst : KAF
Instrument ID : FIA1
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Nitrate/Nitrite	0.98	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3241126-C1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 09:34
 Dilution Factor : 1
 Analyst : KAF
 Instrument ID : FIA1
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Nitrate/Nitrite	0.94	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3241126-C1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 09:35
 Dilution Factor : 1
 Analyst : KAF
 Instrument ID : FIA1
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Nitrate/Nitrite	2.1	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500NO3-F
Lab File ID : NO3241126-C1
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 16:45
Date Received : 11/19/24
Date Analyzed : 11/26/24 09:36
Dilution Factor : 1
Analyst : KAF
Instrument ID : FIA1
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Nitrate/Nitrite	0.35	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3241126-C1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/26/24 09:37
 Dilution Factor : 1
 Analyst : KAF
 Instrument ID : FIA1
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Nitrate/Nitrite	2.1	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG2000844.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 03:25
 Dilution Factor : 1.3
 Analyst : DEW
 Instrument ID : BALANCE#22
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Solids, Total Dissolved	320	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG2000844.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 03:25
 Dilution Factor : 1.3
 Analyst : DEW
 Instrument ID : BALANCE#22
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Solids, Total Dissolved	180	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG2000844.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 03:25
 Dilution Factor : 1.3
 Analyst : DEW
 Instrument ID : BALANCE#22
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Solids, Total Dissolved	480	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG2000844.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 03:25
 Dilution Factor : 1.3
 Analyst : DEW
 Instrument ID : BALANCE#22
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Solids, Total Dissolved	310	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG2000844.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 03:25
 Dilution Factor : 1.3
 Analyst : DEW
 Instrument ID : BALANCE#22
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Solids, Total Dissolved	34.	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG2000844.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 03:25
 Dilution Factor : 1.3
 Analyst : DEW
 Instrument ID : BALANCE#22
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Solids, Total Dissolved	450	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG2000844.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 03:25
 Dilution Factor : 1.3
 Analyst : DEW
 Instrument ID : BALANCE#22
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Solids, Total Dissolved	370	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG2000844.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 03:25
 Dilution Factor : 1.3
 Analyst : DEW
 Instrument ID : BALANCE#22
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Solids, Total Dissolved	240	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG2000844.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 03:25
 Dilution Factor : 1.3
 Analyst : DEW
 Instrument ID : BALANCE#22
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Solids, Total Dissolved	360	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 241122-1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 21:03
 Dilution Factor : 1
 Analyst : MKT
 Instrument ID : TITR5
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg CaCO3/L			Qualifier
		Results	RL	MDL	
3812-32-6	Alkalinity, Carbonate	ND	2.00	NA	U
71-52-3	Alkalinity, Bicarbonate	136.	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 241122-1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 21:07
 Dilution Factor : 1
 Analyst : MKT
 Instrument ID : TITR5
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg CaCO ₃ /L			Qualifier
		Results	RL	MDL	
3812-32-6	Alkalinity, Carbonate	ND	2.00	NA	U
71-52-3	Alkalinity, Bicarbonate	93.9	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 241122-1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 21:10
 Dilution Factor : 1
 Analyst : MKT
 Instrument ID : TITR5
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg CaCO ₃ /L			Qualifier
		Results	RL	MDL	
3812-32-6	Alkalinity, Carbonate	ND	2.00	NA	U
71-52-3	Alkalinity, Bicarbonate	48.4	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 241122-1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 21:15
 Dilution Factor : 1
 Analyst : MKT
 Instrument ID : TITR5
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg CaCO ₃ /L			Qualifier
		Results	RL	MDL	
3812-32-6	Alkalinity, Carbonate	ND	2.00	NA	U
71-52-3	Alkalinity, Bicarbonate	7.32	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 241122-1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 21:16
 Dilution Factor : 1
 Analyst : MKT
 Instrument ID : TITR5
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg CaCO ₃ /L			Qualifier
		Results	RL	MDL	
3812-32-6	Alkalinity, Carbonate	ND	2.00	NA	U
71-52-3	Alkalinity, Bicarbonate	188.	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 241122-1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 21:21
 Dilution Factor : 1
 Analyst : MKT
 Instrument ID : TITR5
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg CaCO3/L			Qualifier
		Results	RL	MDL	
3812-32-6	Alkalinity, Carbonate	ND	2.00	NA	U
71-52-3	Alkalinity, Bicarbonate	211.	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 241122-1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 21:27
 Dilution Factor : 1
 Analyst : MKT
 Instrument ID : TITR5
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg CaCO ₃ /L			Qualifier
		Results	RL	MDL	
3812-32-6	Alkalinity, Carbonate	ND	2.00	NA	U
71-52-3	Alkalinity, Bicarbonate	86.6	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 241122-1
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 21:30
 Dilution Factor : 1
 Analyst : MKT
 Instrument ID : TITR5
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg CaCO3/L			Qualifier
		Results	RL	MDL	
3812-32-6	Alkalinity, Carbonate	ND	2.00	NA	U
71-52-3	Alkalinity, Bicarbonate	215.	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : WG2001324.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 20:59
 Dilution Factor : 1
 Analyst : MRM
 Instrument ID :
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg CaCO ₃ /L			Qualifier
		Results	RL	MDL	
3812-32-6	Alkalinity, Carbonate	18.7	2.00	NA	



Form 1
WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500P-E(M)
Lab File ID : PHOS112124-WG2000294.csv
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:46
Date Received : 11/19/24
Date Analyzed : 11/21/24 13:13
Dilution Factor : 1
Analyst : EYA
Instrument ID : SEAL2
%Solids : N/A
Date Digested : 11/21/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.040	0.031	0.012	



Form 1
WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500P-E(M)
Lab File ID : PHOS112124-WG2000294.csv
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:33
Date Received : 11/19/24
Date Analyzed : 11/21/24 13:14
Dilution Factor : 1
Analyst : EYA
Instrument ID : SEAL2
%Solids : N/A
Date Digested : 11/21/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.015	0.031	0.012	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500P-E(M)
Lab File ID : PHOS112124-WG2000294.csv
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 13:31
Date Received : 11/19/24
Date Analyzed : 11/21/24 13:15
Dilution Factor : 1
Analyst : EYA
Instrument ID : SEAL2
%Solids : N/A
Date Digested : 11/21/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.022	0.031	0.012	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500P-E(M)
Lab File ID : PHOS112124-WG2000294.csv
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 09:35
Date Received : 11/19/24
Date Analyzed : 11/21/24 13:16
Dilution Factor : 1
Analyst : EYA
Instrument ID : SEAL2
%Solids : N/A
Date Digested : 11/21/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.025	0.031	0.012	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500P-E(M)
Lab File ID : PHOS112124-WG2000294.csv
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 08:10
Date Received : 11/19/24
Date Analyzed : 11/21/24 13:17
Dilution Factor : 1
Analyst : EYA
Instrument ID : SEAL2
%Solids : N/A
Date Digested : 11/21/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	ND	0.031	0.012	U



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500P-E(M)
 Lab File ID : PHOS112124-WG2000294.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:40
 Date Received : 11/19/24
 Date Analyzed : 11/21/24 13:18
 Dilution Factor : 1
 Analyst : EYA
 Instrument ID : SEAL2
 %Solids : N/A
 Date Digested : 11/21/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.080	0.031	0.012	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500P-E(M)
Lab File ID : PHOS112124-WG2000294.csv
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 14:15
Date Received : 11/19/24
Date Analyzed : 11/21/24 13:20
Dilution Factor : 1
Analyst : EYA
Instrument ID : SEAL2
%Solids : N/A
Date Digested : 11/21/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	ND	0.031	0.012	U



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500P-E(M)
 Lab File ID : PHOS112124-WG2000294.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/21/24 13:21
 Dilution Factor : 1
 Analyst : EYA
 Instrument ID : SEAL2
 %Solids : N/A
 Date Digested : 11/21/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	ND	0.031	0.012	U



Form 1
WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500P-E(M)
Lab File ID : PHOS112124-WG2000294.csv
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 00:00
Date Received : 11/19/24
Date Analyzed : 11/21/24 13:22
Dilution Factor : 1
Analyst : EYA
Instrument ID : SEAL2
%Solids : N/A
Date Digested : 11/21/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	ND	0.031	0.012	U



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG2000807-808
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 15:46
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 04:38
 Dilution Factor : 5
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
24959-67-9	Bromide	0.353	0.250	0.066	
16887-00-6	Chloride	52.8	2.50	0.420	
14808-79-8	Sulfate	99.7	5.00	2.27	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,300.0
Lab File ID : WG20001300
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:46
Date Received : 11/19/24
Date Analyzed : 11/23/24 05:23
Dilution Factor : 1
Analyst : CVN,
Instrument ID : IC3
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16984-48-8	Fluoride	0.107	0.050	0.037	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG20001300
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 06:39
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16984-48-8	Fluoride	0.061	0.050	0.037	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG2000807-808
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:33
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 03:38
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
24959-67-9	Bromide	ND	0.050	0.013	U
16887-00-6	Chloride	5.82	0.500	0.083	
14808-79-8	Sulfate	25.6	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG20001300
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 05:34
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16984-48-8	Fluoride	0.050	0.050	0.037	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG2000807-808
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 13:31
 Date Received : 11/19/24
 Date Analyzed : 11/21/24 23:45
 Dilution Factor : 10
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
14808-79-8	Sulfate	200.	10.0	4.54	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,300.0
Lab File ID : WG2000807-808
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 13:31
Date Received : 11/19/24
Date Analyzed : 11/22/24 04:14
Dilution Factor : 1
Analyst : CVN,
Instrument ID : IC3
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
24959-67-9	Bromide	0.094	0.050	0.013	
16887-00-6	Chloride	34.7	0.500	0.083	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,300.0
Lab File ID : WG20001300
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 09:35
Date Received : 11/19/24
Date Analyzed : 11/23/24 05:44
Dilution Factor : 1
Analyst : CVN,
Instrument ID : IC3
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16984-48-8	Fluoride	ND	0.050	0.037	U



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG2000807-808
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 09:35
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 04:26
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
24959-67-9	Bromide	ND	0.050	0.013	U
14808-79-8	Sulfate	10.5	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,300.0
Lab File ID : WG2000807-808
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 09:35
Date Received : 11/19/24
Date Analyzed : 11/21/24 23:57
Dilution Factor : 10
Analyst : CVN,
Instrument ID : IC3
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16887-00-6	Chloride	146.	5.00	0.839	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG2000807-808
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/19/24 08:10
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 04:50
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
24959-67-9	Bromide	ND	0.050	0.013	U
16887-00-6	Chloride	8.74	0.500	0.083	
14808-79-8	Sulfate	2.92	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,300.0
Lab File ID : WG20001300
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/19/24 08:10
Date Received : 11/19/24
Date Analyzed : 11/23/24 05:55
Dilution Factor : 1
Analyst : CVN,
Instrument ID : IC3
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16984-48-8	Fluoride	ND	0.050	0.037	U



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,300.0
Lab File ID : WG2000807-808
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:40
Date Received : 11/19/24
Date Analyzed : 11/22/24 00:21
Dilution Factor : 10
Analyst : CVN,
Instrument ID : IC3
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16887-00-6	Chloride	83.2	5.00	0.839	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,300.0
Lab File ID : WG2000807-808
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:40
Date Received : 11/19/24
Date Analyzed : 11/22/24 05:02
Dilution Factor : 1
Analyst : CVN,
Instrument ID : IC3
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
24959-67-9	Bromide	0.190	0.050	0.013	
14808-79-8	Sulfate	96.0	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Lab ID : L2467934-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,300.0
Lab File ID : WG20001300
Sample Amount :
Digestion Method :

Lab Number : L2467934
Project Number : 20116
Date Collected : 11/18/24 15:40
Date Received : 11/19/24
Date Analyzed : 11/23/24 06:06
Dilution Factor : 1
Analyst : CVN,
Instrument ID : IC3
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16984-48-8	Fluoride	ND	0.050	0.037	U



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG2000807-808
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 05:14
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
24959-67-9	Bromide	0.102	0.050	0.013	
16887-00-6	Chloride	17.3	0.500	0.083	
14808-79-8	Sulfate	78.8	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG20001300
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 14:15
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 07:12
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16984-48-8	Fluoride	ND	0.050	0.037	U



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG20001300
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 07:23
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16984-48-8	Fluoride	ND	0.050	0.037	U



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG2000807-808
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 16:45
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 05:27
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
24959-67-9	Bromide	0.102	0.050	0.013	
16887-00-6	Chloride	34.7	0.500	0.083	
14808-79-8	Sulfate	61.9	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG2000807-808
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/22/24 05:39
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
24959-67-9	Bromide	0.101	0.050	0.013	
16887-00-6	Chloride	17.5	0.500	0.083	
14808-79-8	Sulfate	78.9	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : L2467934-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG20001300
 Sample Amount :
 Digestion Method :

Lab Number : L2467934
 Project Number : 20116
 Date Collected : 11/18/24 00:00
 Date Received : 11/19/24
 Date Analyzed : 11/23/24 07:34
 Dilution Factor : 1
 Analyst : CVN,
 Instrument ID : IC3
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
16984-48-8	Fluoride	ND	0.050	0.037	U



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2467934

Sample Description:

Work Order: 24K1826

Date Received: 11/21/2024

Sampled: 11/18/2024 15:46

Field Sample #: MW-1S

Sample ID: 24K1826-01

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1	UJ	SM21-23 4500S-F	11/27/24	11/27/24 13:00	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2467934

Sample Description:

Work Order: 24K1826

Date Received: 11/21/2024

Sampled: 11/18/2024 14:33

Field Sample #: MW-2S

Sample ID: 24K1826-02

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1	UJ	SM21-23 4500S-F	11/27/24	11/27/24 13:00	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2467934

Sample Description:

Work Order: 24K1826

Date Received: 11/21/2024

Sampled: 11/18/2024 13:31

Field Sample #: MW-3S

Sample ID: 24K1826-03

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1	UJ	SM21-23 4500S-F	11/27/24	11/27/24 13:00	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2467934

Sample Description:

Work Order: 24K1826

Date Received: 11/21/2024

Sampled: 11/19/2024 09:35

Field Sample #: MW-4D

Sample ID: 24K1826-04

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1	UJ	SM21-23 4500S-F	11/27/24	11/27/24 13:00	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2467934

Sample Description:

Work Order: 24K1826

Date Received: 11/21/2024

Sampled: 11/19/2024 08:10

Field Sample #: MW-5S

Sample ID: 24K1826-05

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1	UJ	SM21-23 4500S-F	11/27/24	11/27/24 13:00	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2467934

Sample Description:

Work Order: 24K1826

Date Received: 11/21/2024

Sampled: 11/18/2024 15:40

Field Sample #: MW-6D

Sample ID: 24K1826-06

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1	UJ	SM21-23 4500S-F	11/27/24	11/27/24 13:00	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2467934

Sample Description:

Work Order: 24K1826

Date Received: 11/21/2024

Sampled: 11/18/2024 14:15

Field Sample #: MW-7S

Sample ID: 24K1826-07

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1	UJ	SM21-23 4500S-F	11/27/24	11/27/24 13:00	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2467934

Sample Description:

Work Order: 24K1826

Date Received: 11/21/2024

Sampled: 11/18/2024 16:45

Field Sample #: MW-8S

Sample ID: 24K1826-08

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1	UJ	SM21-23 4500S-F	11/27/24	11/27/24 13:00	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2467934

Sample Description:

Work Order: 24K1826

Date Received: 11/21/2024

Sampled: 11/18/2024 00:00

Field Sample #: DUP

Sample ID: 24K1826-09

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Sulfide	ND	2.0	1.8	mg/L	1	UJ	SM21-23 4500S-F	11/27/24	11/27/24 13:00	DET



ANALYTICAL RESULTS

Project L2467934
Pace Project No.: 50388689

Sample: MW-1S		Lab ID: 50388689001		Collected: 11/18/24 15:46		Received: 11/22/24 08:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	1			12/04/24 14:31		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project L2467934
Pace Project No.: 50388689

Sample: MW-2S		Lab ID: 50388689002		Collected: 11/18/24 14:33		Received: 11/22/24 08:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	1			12/04/24 14:52		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project L2467934
Pace Project No.: 50388689

Sample: MW-3S		Lab ID: 50388689003		Collected: 11/18/24 13:31		Received: 11/22/24 08:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	1			12/04/24 15:14		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project L2467934
Pace Project No.: 50388689

Sample: MW-4D		Lab ID: 50388689004		Collected: 11/19/24 09:35		Received: 11/22/24 08:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	1		12/04/24 15:35			

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project L2467934
Pace Project No.: 50388689

Sample: MW-5S		Lab ID: 50388689005		Collected: 11/19/24 08:10		Received: 11/22/24 08:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	1			12/04/24 15:56		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project L2467934
Pace Project No.: 50388689

Sample: MW-6D		Lab ID: 50388689006		Collected: 11/18/24 15:40		Received: 11/22/24 08:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	1			12/04/24 16:18		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project L2467934
Pace Project No.: 50388689

Sample: MW-7S		Lab ID: 50388689007		Collected: 11/18/24 14:15		Received: 11/22/24 08:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	1		12/04/24 18:04			

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project L2467934
Pace Project No.: 50388689

Sample: MW-8S		Lab ID: 50388689008		Collected: 11/18/24 16:45		Received: 11/22/24 08:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	1			12/04/24 18:25		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project L2467934
Pace Project No.: 50388689

Sample: DUP		Lab ID: 50388689009		Collected: 11/18/24 00:00		Received: 11/22/24 08:50		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
9056 Iodide by IC		Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis							
Iodide	ND	mg/L	0.50	1		12/06/24 11:19			

REPORT OF LABORATORY ANALYSIS

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Uranium	U		0.0850	1.00	1	12/04/2024 02:51	WG2409778

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Uranium	U		0.0850	1.00	1	12/04/2024 01:47	WG2409778

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Uranium	0.369	J	0.0850	1.00	1	12/04/2024 02:55	WG2409778

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Metals (ICPMS) by Method 200.8

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Uranium	U		0.0850	1.00	1	12/04/2024 02:58	WG2409778

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Metals (ICPMS) by Method 200.8

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Uranium	0.328	J	0.0850	1.00	1	12/04/2024 03:01	WG2409778

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Metals (ICPMS) by Method 200.8

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Uranium	U		0.0850	1.00	1	12/06/2024 18:14	WG2409782

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

VOC Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method 8260D Volatiles Data
for Alpha Analytical, SDG Number: L2467934**

**8 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Trip Blank
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for 6 compounds (highlighted yellow on attached Form 6) were below the method minimums, but not below 0.010 for VOA130 on 11-12-24. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The average RRFs for 6 compounds (highlighted yellow on attached Form 7) were below the method minimums, but not below 0.010 on 11-24-24 (V30241124A02). The %Ds for 9 compounds (highlighted yellow on attached Form 7) were above the method maximum on 12-24-24 (V30241124A02). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for 9 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 12-24-24 (V30241124A01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method, trip, and field blanks reported target compounds as not detected.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples, field blank, and trip blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-5S.

Laboratory Control Sample: The relative percent differences for chloromethane, bromomethane, vinyl chloride, and dichlorodifluoromethane were above the allowable maximum for aqueous samples WG2001917-3/4. Positive results for these compounds should be considered estimated (J) in associated aqueous samples.

One of two percent recoveries for 1,2-dichloropropane, cis-1,3-dichloropropene, trichloroethane, and cyclohexane were below QC limits, but not below 30% for aqueous samples WG2001917-3/4. Positive results for these compounds should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated aqueous samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-7S/DUP reported target compounds as either not detected or below the lowest standard; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary

Form 3

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG2001917-3** Analysis Date : 11/24/24 09:12 File ID : V30241124A02
 LCSD Sample ID : **WG2001917-4** Analysis Date : 11/24/24 09:34 File ID : V30241124A03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	10	100	10	8.7	87	14	70-130	20
1,1-Dichloroethane	10	10	100	10	8.6	86	15	70-130	20
Chloroform	10	10	100	10	8.9	89	12	70-130	20
Carbon tetrachloride	10	8.2	82	10	7.0	70	16	63-132	20
1,2-Dichloropropane	10	7.9	79	10	6.9	69 Q	14	70-130	20
Dibromochloromethane	10	7.8	78	10	7.3	73	7	63-130	20
1,1,2-Trichloroethane	10	8.7	87	10	8.1	81	7	70-130	20
Tetrachloroethene	10	9.0	90	10	7.6	76	17	70-130	20
Chlorobenzene	10	9.2	92	10	8.0	80	14	75-130	20
Trichlorofluoromethane	10	10	100	10	8.4	84	17	62-150	20
1,2-Dichloroethane	10	9.6	96	10	8.6	86	11	70-130	20
1,1,1-Trichloroethane	10	9.0	90	10	7.6	76	17	67-130	20
Bromodichloromethane	10	8.4	84	10	7.4	74	13	67-130	20
trans-1,3-Dichloropropene	10	7.9	79	10	7.1	71	11	70-130	20
cis-1,3-Dichloropropene	10	7.7	77	10	6.8	68 Q	12	70-130	20
Bromoform	10	7.8	78	10	7.2	72	8	54-136	20
1,1,2,2-Tetrachloroethane	10	9.4	94	10	8.7	87	8	67-130	20
Benzene	10	8.9	89	10	7.7	77	14	70-130	20
Toluene	10	9.1	91	10	7.9	79	14	70-130	20
Ethylbenzene	10	9.0	90	10	7.8	78	14	70-130	20
Chloromethane	10	10	100	10	8.1	81	21 Q	64-130	20
Bromomethane	10	7.4	74	10	5.8	58	24 Q	39-139	20
Vinyl chloride	10	10	100	10	8.0	80	22 Q	55-140	20
Chloroethane	10	10	100	10	8.9	89	12	55-138	20
1,1-Dichloroethene	10	9.9	99	10	8.3	83	18	61-145	20
trans-1,2-Dichloroethene	10	9.8	98	10	8.3	83	17	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG2001917-3** Analysis Date : 11/24/24 09:12 File ID : V30241124A02
 LCSD Sample ID : **WG2001917-4** Analysis Date : 11/24/24 09:34 File ID : V30241124A03

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Trichloroethene	10	8.0	80	10	6.8	68 Q	16	70-130	20
1,2-Dichlorobenzene	10	9.2	92	10	8.0	80	14	70-130	20
1,3-Dichlorobenzene	10	9.1	91	10	7.9	79	14	70-130	20
1,4-Dichlorobenzene	10	9.1	91	10	7.9	79	14	70-130	20
Methyl tert butyl ether	10	7.0	70	10	6.5	65	7	63-130	20
p/m-Xylene	20	19	95	20	16	80	17	70-130	20
o-Xylene	20	19	95	20	16	80	17	70-130	20
cis-1,2-Dichloroethene	10	9.8	98	10	8.4	84	15	70-130	20
Styrene	20	20	100	20	17	85	16	70-130	20
Dichlorodifluoromethane	10	12	120	10	9.0	90	29 Q	36-147	20
Acetone	10	11	110	10	10	100	10	58-148	20
Carbon disulfide	10	10	100	10	8.6	86	15	51-130	20
2-Butanone	10	8.8	88	10	9.1	91	3	63-138	20
4-Methyl-2-pentanone	10	8.3	83	10	8.0	80	4	59-130	20
2-Hexanone	10	8.4	84	10	7.9	79	6	57-130	20
Bromochloromethane	10	10	100	10	8.8	88	13	70-130	20
1,2-Dibromoethane	10	8.8	88	10	8.0	80	10	70-130	20
1,2-Dibromo-3-chloropropane	10	9.6	96	10	9.3	93	3	41-144	20
Isopropylbenzene	10	8.4	84	10	7.1	71	17	70-130	20
1,2,3-Trichlorobenzene	10	9.0	90	10	8.0	80	12	70-130	20
1,2,4-Trichlorobenzene	10	8.5	85	10	7.6	76	11	70-130	20
Methyl Acetate	10	10	100	10	9.6	96	4	70-130	20
Cyclohexane	10	7.7	77	10	6.5	65 Q	17	70-130	20
1,4-Dioxane	500	620	124	500	550	110	12	56-162	20
Freon-113	10	9.6	96	10	8.1	81	17	70-130	20
Methyl cyclohexane	10	8.0	80	10	7.0	70	13	70-130	20



Initial Calibration Summary

Form 6

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : VOA130
 Calibration dates : 11/12/24 15:35 11/12/24 18:51

Lab Number : L2467934
 Project Number : 20116
 Ical Ref : ICAL21702

Calibration Files

L11 =V30241112N03.D L1 =V30241112N05.D L2 =V30241112N06.D L3 =V30241112N08.D L4 =V30241112N09.D
 L6 =V30241112N10.D L8 =V30241112N11.D L10 =V30241112N12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.259	0.282	0.250	0.245	0.245	0.218	0.192	0.242	12.07
3) TP Chloromethane		0.356	0.354	0.307	0.283	0.282	0.258	0.223	0.295	16.58
4) TP Vinyl chloride	0.304	0.331	0.339	0.298	0.281	0.281	0.255	0.226	0.290	12.99
5) TP Bromomethane		0.187	0.185	0.160	0.148	0.154	0.140	0.125	0.157	14.46
6) TP Chloroethane		0.212	0.216	0.183	0.170	0.170	0.155	0.134	0.177	16.69
7) TP Trichlorofluor		0.360	0.375	0.337	0.328	0.326	0.290	0.255	0.324	12.55
8) TP Ethyl ether		0.076	0.077	0.081	0.090	0.091	0.087	0.079	0.083	7.37
10) TP 1,1-Dichloroet		0.227	0.235	0.215	0.208	0.210	0.192	0.170	0.208	10.54
11) TP Carbon disulfide		0.758	0.725	0.638	0.606	0.609	0.561	0.492	0.627	14.60
12) TP Freon-113		0.184	0.206	0.203	0.215	0.214	0.193	0.169	0.198	8.44
13) TP Iodomethane		0.145	0.159	0.160	0.172	0.193	0.185	0.163	0.168	9.85
14) TP Acrolein		0.020	0.023	0.020	0.019	0.018	0.018	0.018	0.019	8.97
15) TP Methylene chlo		0.322	0.305	0.264	0.244	0.241	0.226	0.198	0.257	17.00
17) TP Acetone			0.059	0.042	0.038	0.035	0.034	0.033	*L	0.9986
18) TP trans-1,2-Dich		0.258	0.251	0.228	0.219	0.222	0.207	0.181	0.224	11.61
19) TP Methyl acetate			0.109	0.097	0.094	0.089	0.087	0.086	0.094	9.04
21) TP Methyl tert butyl ether		0.261	0.259	0.288	0.374	0.429	0.424		*Q	0.9975
22) TP tert-Butyl alc		0.006	0.006	0.007	0.008	0.008	0.008	0.008	0.007#	10.81
24) TP Diisopropyl ether		0.455	0.449	0.509	0.543	0.572	0.546	0.490	0.509	9.31
25) TP 1,1-Dichloroet		0.544	0.551	0.484	0.453	0.451	0.417	0.357	0.465	14.76
26) TP Halothane		0.128	0.143	0.145	0.164	0.170	0.157	0.138	0.149	9.92
27) TP Acrylonitrile		0.051	0.051	0.052	0.050	0.045	0.044	0.043	0.048	8.01
28) TP Ethyl tert-but		0.325	0.337	0.398	0.442	0.490	0.487	0.460	0.420	16.27
29) TP Vinyl acetate		0.301	0.271	0.283	0.340	0.375	0.370	0.352	0.327	12.94
30) TP cis-1,2-Dichlo		0.293	0.295	0.258	0.247	0.249	0.234	0.204	0.254	12.62
31) TP 2,2-Dichloropr		0.281	0.305	0.309	0.332	0.340	0.310	0.270	0.307	8.20
33) TP Bromochloromet		0.134	0.130	0.119	0.112	0.109	0.103	0.092	0.114	12.85
34) TP Cyclohexane		0.267	0.287	0.308	0.388	0.414	0.373	0.332	0.338	16.23
35) TP Chloroform		0.495	0.510	0.444	0.417	0.414	0.385	0.333	0.428	14.32
36) TP Ethyl acetate		0.118	0.100	0.100	0.112	0.117	0.115	0.115	0.111	7.13
37) TP Carbon tetrachloride		0.191	0.211	0.231	0.282	0.306	0.284	0.253	0.251	16.77
38) TP Tetrahydrofuran		0.032	0.038	0.034	0.036	0.035	0.035	0.034	0.035	5.46
39) S Dibromofluoromethane	0.387	0.397	0.382	0.349	0.325	0.305	0.303	0.301	0.344	11.75
40) TP 1,1,1-Trichlor		0.253	0.285	0.303	0.341	0.353	0.324	0.285	0.306	11.55
42) TP 2-Butanone			0.041	0.042	0.049	0.051	0.050	0.050	0.047	9.45



Initial Calibration Summary

Form 6

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : VOA130
 Calibration dates : 11/12/24 15:35 11/12/24 18:51

Lab Number : L2467934
 Project Number : 20116
 Ical Ref : ICAL21702

Calibration Files

L11 =V30241112N03.D L1 =V30241112N05.D L2 =V30241112N06.D L3 =V30241112N08.D L4 =V30241112N09.D
 L6 =V30241112N10.D L8 =V30241112N11.D L10 =V30241112N12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
43) TP 1,1-Dichloropr	0.196	0.206	0.215	0.268	0.310	0.289	0.258	0.249	17.75	
45) TP Benzene	0.652	0.738	0.760	0.733	0.769	0.832	0.789	0.695	0.746	7.44
46) TP Tertiary-Amyl Methyl Ether	0.279	0.283	0.325	0.358	0.370	0.365	0.346	0.332	11.48	
47) S 1,2-Dichloroethane-d4	0.356	0.361	0.359	0.365	0.344	0.316	0.323	0.329	0.344	5.54
48) TP 1,2-Dichloroet	0.284	0.275	0.267	0.269	0.266	0.253	0.228	0.263	6.89	
51) TP Methyl cyclohe	0.209	0.233	0.258	0.289	0.313	0.290	0.264	0.265	13.55	
52) TP Trichloroethene	0.150	0.159	0.165	0.167	0.194	0.222	0.210	0.188	0.182#	14.20
54) TP Dibromomethane	0.134	0.129	0.121	0.119	0.117	0.113	0.105	0.120	8.07	
55) TP 1,2-Dichloropr	0.163	0.175	0.175	0.204	0.233	0.223	0.199	0.196#	13.49	
57) TP 2-Chloroethyl	0.061	0.067	0.084	0.093	0.088	0.087	0.083	0.080	14.67	
58) TP Bromodichlorom	0.229	0.234	0.244	0.289	0.310	0.295	0.263	0.266#	12.07	
61) TP 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	13.19	
62) TP cis-1,3-Dichloropropene	0.210	0.229	0.237	0.285	0.330	0.322	0.294	0.273#	17.32	
63) I Chlorobenzene-d5	-----ISTD-----									
64) S Toluene-d8	1.328	1.333	1.321	1.371	1.368	1.350	1.348	1.312	1.341	1.61
65) TP Toluene	0.576	0.619	0.626	0.635	0.664	0.621	0.536	0.611	6.87	
66) TP 4-Methyl-2-pen	0.030	0.044	0.050	0.050	0.049	0.046	0.045	17.68		
67) TP Tetrachloroethene	0.197	0.210	0.221	0.235	0.249	0.233	0.206	0.222	8.37	
69) TP trans-1,3-Dichloropropene	0.188	0.207	0.253	0.301	0.350	0.349	*Q	0.9983		
71) TP Ethyl methacry	0.155	0.161	0.183	0.200	0.200	0.193	0.178	0.181	9.93	
72) TP 1,1,2-Trichlor	0.096	0.111	0.128	0.144	0.160	0.160	0.153	0.136#	18.37	
73) TP Chlorodibromom	0.131	0.140	0.164	0.200	0.236	0.239	*Q	0.9984		
74) TP 1,3-Dichloropr	0.234	0.248	0.282	0.314	0.347	0.344	0.327	0.299	15.23	
75) TP 1,2-Dibromoethane	0.113	0.120	0.138	0.151	0.164	0.165	0.160	0.144#	14.74	
77) TP 2-Hexanone	0.085	0.077	0.081	0.086	0.085	0.082	0.079	0.082	4.07	
78) T Chlorobenzene	0.643	0.672	0.661	0.663	0.691	0.657	0.573	0.651	5.75	
79) TP Ethylbenzene	1.168	1.244	1.251	1.245	1.285	1.193	1.028	1.202	7.16	
80) T 1,1,1,2-Tetrac	0.127	0.136	0.163	0.188	0.212	0.208	0.193	0.175	19.41	
81) TP p/m Xylene	0.470	0.496	0.505	0.500	0.517	0.480	0.415	0.484	7.00	
82) TP o Xylene	0.449	0.477	0.491	0.480	0.497	0.465	0.398	0.465	7.27	
83) TP Styrene	0.725	0.773	0.817	0.806	0.821	0.765	0.644	0.765	8.24	
84) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
85) TP Bromoform	0.104	0.124	0.152	0.178	0.189	0.191	0.191	*Q	0.9992	
87) TP Isopropylbenzene	1.706	1.890	1.929	1.981	2.031	1.873	1.644	1.865	7.57	
88) S 4-Bromofluorobenzene	0.898	0.892	0.890	0.875	0.867	0.826	0.826	0.834	0.864	3.56
89) TP Bromobenzene	0.427	0.471	0.459	0.463	0.475	0.453	0.409	0.451	5.39	



Initial Calibration Summary

Form 6

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : VOA130
 Calibration dates : 11/12/24 15:35 11/12/24 18:51

Lab Number : L2467934
 Project Number : 20116
 Ical Ref : ICAL21702

Calibration Files

L11 =V30241112N03.D L1 =V30241112N05.D L2 =V30241112N06.D L3 =V30241112N08.D L4 =V30241112N09.D
 L6 =V30241112N10.D L8 =V30241112N11.D L10 =V30241112N12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
90) TP n-Propylbenzene	2.198	2.412	2.461	2.504	2.530	2.321	1.997	2.346	8.17	
91) TP 1,4-Dichlorobu	0.408	0.394	0.414	0.437	0.421	0.408	0.386	0.410	4.14	
92) TP 1,1,2,2-Tetrac	0.267	0.278	0.285	0.308	0.308	0.303	0.296	0.292	5.42	
93) TP 4-Ethyltoluene	1.784	1.960	2.013	2.060	2.122	1.965	1.712	1.945	7.57	
94) TP 2-Chlorotoluene	1.489	1.519	1.481	1.470	1.496	1.402	1.220	1.439	7.19	
95) TP 1,3,5-Trimethy	1.507	1.651	1.747	1.821	1.908	1.760	1.528	1.703	8.74	
96) TP 1,2,3-Trichlor	0.228	0.228	0.237	0.254	0.247	0.241	0.234	0.238	4.05	
97) TP trans-1,4-Dich	0.055	0.064	0.070	0.077	0.077	0.076	0.077	0.071	12.26	
98) TP 4-Chlorotoluene	1.447	1.563	1.546	1.550	1.605	1.497	1.304	1.502	6.70	
99) TP tert-Butylbenzene	1.279	1.398	1.409	1.451	1.504	1.398	1.233	1.382	6.86	
102) TP 1,2,4-Trimethy	1.356	1.528	1.690	1.799	1.901	1.771	1.521	1.652	11.58	
103) TP sec-Butylbenzene	1.792	2.033	2.098	2.151	2.201	2.021	1.766	2.009	8.42	
104) TP p-Isopropyltol	1.440	1.674	1.794	1.873	1.972	1.815	1.574	1.735	10.57	
105) TP 1,3-Dichlorobe	0.921	0.958	0.964	0.973	1.016	0.960	0.846	0.948	5.62	
106) TP 1,4-Dichlorobe	0.971	0.992	0.978	0.982	1.029	0.972	0.859	0.969	5.40	
107) TP p-Diethylbenzene	0.813	0.912	1.020	1.097	1.199	1.120	0.983	1.021	12.88	
108) TP n-Butylbenzene	1.179	1.420	1.561	1.654	1.746	1.605	1.391	1.508	12.70	
109) TP 1,2-Dichlorobe	0.889	0.909	0.909	0.926	0.952	0.902	0.804	0.899	5.15	
110) TP 1,2,4,5-Tetram	1.128	1.192	1.274	1.527	1.774	1.690	1.481	1.438	17.26	
111) TP 1,2-Dibromo-3-	0.040	0.051	0.050	0.052	0.050	0.049	0.049	0.049	8.45	
112) TP 1,3,5-Trichlor	0.571	0.601	0.622	0.697	0.770	0.733	0.650	0.663	10.99	
113) TP Hexachlorobuta	0.205	0.225	0.224	0.233	0.250	0.235	0.213	0.227	6.53	
114) TP 1,2,4-Trichlor	0.519	0.538	0.566	0.617	0.662	0.637	0.578	0.588	8.94	
115) TP Naphthalene	1.124	1.084	1.210	1.300	1.293	1.240	1.162	1.202	6.88	
116) TP 1,2,3-Trichlor	0.524	0.527	0.540	0.573	0.586	0.563	0.520	0.548	4.80	



Calibration Verification Summary

Form 7

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : VOA130
 Lab File ID : V30241124A02
 Sample No : WG2001917-2
 Channel :

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/24/24 09:12
 Init. Calib. Date(s) : 11/12/24 11/12/24
 Init. Calib. Times : 15:35 18:51

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	94	0
Dichlorodifluoromethane	0.242	0.289	-	-19.4	20	109	0
Chloromethane	0.295	0.299	-	-1.4	20	91	0
Vinyl chloride	0.29	0.302	-	-4.1	20	95	0
Bromomethane	0.157	0.116	-	26.1*	20	68	0
Chloroethane	0.177	0.187	-	-5.6	20	96	0
Trichlorofluoromethane	0.324	0.324	-	0	20	90	0
1,1-Dichloroethene	0.208	0.207	-	0.5	20	90	0
Carbon disulfide	0.627	0.635	-	-1.3	20	93	0
Freon-113	0.198	0.191	-	3.5	20	88	0
Methylene chloride	0.257	0.26	-	-1.2	20	92	0
Acetone	10	11.248	-	-12.5	20	96	0
trans-1,2-Dichloroethene	0.224	0.218	-	2.7	20	90	0
Methyl acetate	0.094	0.095	-	-1.1	20	92	0
Methyl tert-butyl ether	10	6.998	-	30*	20	79	0
1,1-Dichloroethane	0.465	0.471	-	-1.3	20	91	0
cis-1,2-Dichloroethene	0.254	0.25	-	1.6	20	91	0
Bromochloromethane	0.114	0.114	-	0	20	90	0
Cyclohexane	0.338	0.26	-	23.1*	20	79	0
Chloroform	0.428	0.443	-	-3.5	20	94	0
Carbon tetrachloride	0.251	0.207	-	17.5	20	84	0
Dibromofluoromethane	0.344	0.371	-	-7.8	20	100	0
1,1,1-Trichloroethane	0.306	0.276	-	9.8	20	86	0
2-Butanone	0.047	0.041	-	12.8	20	92	.01
Benzene	0.746	0.662	-	11.3	20	85	0
1,2-Dichloroethane-d4	0.344	0.38	-	-10.5	20	98	0
1,2-Dichloroethane	0.263	0.253	-	3.8	20	89	0
Methyl cyclohexane	0.265	0.214	-	19.2	20	78	0
Trichloroethene	0.182	0.145*	-	20.3*	20	82	0
1,2-Dichloropropane	0.196	0.154*	-	21.4*	20	83	0
Bromodichloromethane	0.266	0.224*	-	15.8	20	86	0
1,4-Dioxane	0.00096	0.0012*	-	-25*	20	118	0
cis-1,3-Dichloropropene	0.273	0.209*	-	23.4*	20	83	0
Chlorobenzene-d5	1	1	-	0	20	96	0
Toluene-d8	1.341	1.354	-	-1	20	95	0
Toluene	0.611	0.555	-	9.2	20	86	0
4-Methyl-2-pentanone	0.045	0.037	-	17.8	20	83	0
Tetrachloroethene	0.222	0.199	-	10.4	20	87	0
trans-1,3-Dichloropropene	10	7.884	-	21.2*	20	86	0
1,1,2-Trichloroethane	0.136	0.118*	-	13.2	20	89	0
Chlorodibromomethane	10	7.858	-	21.4*	20	86	0
1,2-Dibromoethane	0.144	0.127*	-	11.8	20	88	0
2-Hexanone	0.082	0.069	-	15.9	20	82	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : VOA130
 Lab File ID : V30241124A02
 Sample No : WG2001917-2
 Channel :

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/24/24 09:12
 Init. Calib. Date(s) : 11/12/24 11/12/24
 Init. Calib. Times : 15:35 18:51

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Chlorobenzene	0.651	0.597	-	8.3	20	87	0
Ethylbenzene	1.202	1.088	-	9.5	20	84	0
p/m Xylene	0.484	0.456	-	5.8	20	87	0
o Xylene	0.465	0.435	-	6.5	20	85	0
Styrene	0.765	0.746	-	2.5	20	88	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	103	0
Bromoform	10	7.802	-	22*	20	92	0
Isopropylbenzene	1.865	1.563	-	16.2	20	83	0
4-Bromofluorobenzene	0.864	0.827	-	4.3	20	97	0
n-Propylbenzene	2.346	2.089	-	11	20	87	0
1,1,2,2-Tetrachloroethane	0.292	0.274	-	6.2	20	99	0
1,3,5-Trimethylbenzene	1.703	1.488	-	12.6	20	88	0
tert-Butylbenzene	1.382	1.149	-	16.9	20	84	0
1,2,4-Trimethylbenzene	1.652	1.454	-	12	20	88	0
sec-Butylbenzene	2.009	1.75	-	12.9	20	86	0
p-Isopropyltoluene	1.735	1.474	-	15	20	84	0
1,3-Dichlorobenzene	0.948	0.863	-	9	20	92	0
1,4-Dichlorobenzene	0.969	0.883	-	8.9	20	93	0
n-Butylbenzene	1.508	1.348	-	10.6	20	89	0
1,2-Dichlorobenzene	0.899	0.829	-	7.8	20	94	0
1,2-Dibromo-3-chloropropan	0.049	0.047	-	4.1	20	96	0
1,2,4-Trichlorobenzene	0.588	0.501	-	14.8	20	91	0
Naphthalene	1.202	1.038	-	13.6	20	88	0
1,2,3-Trichlorobenzene	0.548	0.491	-	10.4	20	94	0

* Value outside of QC limits.



SVOC Data Section



Geology
Hydrology
Remediation
Water Supply

**QA/QC Review of Method 8270E Semi-Volatiles
Data for Alpha Analytical, SDG Number: L2467934**

**8 Ground Water Samples, 1 Field Duplicate,
and 1 Field Blank
Collected August 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRF for 2,6-dinitrotoluene was below the method minimum, but not below 0.010 for DAKOTA on 11-05-24. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 11-23-24 (WG2001490-3). The RRF for 2-chloronaphthalene was below the method minimum, but not below 0.010 on 11-24-24 (WG2001636-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 11-25-24 (WG2002259-3). The %D for 4-nitroaniline was above the method maximum on 11-24-24 (WG2001636-3). The %Ds for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were above the method maximum on 11-25-24 (WG2002259-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %D for 4-nitroaniline was above the maximum (20%) on 11-24-24 (WG2001636-3). The %Ds for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were above the maximum (20%) on 11-25-24 (WG2002259-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of the method blanks reported target compounds as not detected. The field blank contained a trace of phenol (1.4 ug/L). Positive results for phenol that are less than 5 times the highest blank level in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for 2,4-dinitrophenol and hexachlorocyclopentadiene were below QC limits and below 30% for aqueous MS/MSD sample MW-5S. The “not detected” result for hexachlorocyclopentadiene and 2,4-dinitrophenol should be considered rejected, unusable (R) in sample MW-5S.

Laboratory Control Sample: The relative percent difference (RPD) for 4-chloroaniline was above the allowable maximum for aqueous samples WG2001353-2/3. Positive results for 4-chloroaniline should be considered estimated (J) in associated aqueous samples.

Two of two percent recoveries for hexachlorocyclopentadiene were below QC limits, but not below 30% for aqueous samples WG2001353-2/3. Positive results for hexachlorocyclopentadiene should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated aqueous samples.

The relative percent differences (RPDs) for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for hexachlorocyclopentadiene and 2,4-dinitrophenol were below QC limits and below 30% for aqueous samples WG1963467-2/3. Positive results for these compounds should be considered estimated, biased low (J-) and “not detected” results rejected, unusable (J) in associated aqueous samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-7S/DUP reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG2001353-2** Analysis Date : 11/23/24 17:26 File ID : 001353-2
 LCSD Sample ID : **WG2001353-3** Analysis Date : 11/23/24 17:49 File ID : 001353-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Bis(2-chloroethyl)ether	20	15.	75	20	14.	69	8	40-140	30
3,3'-Dichlorobenzidine	20	16.	83	20	15.	77	8	40-140	30
2,4-Dinitrotoluene	20	16.	82	20	16.	81	1	48-143	30
2,6-Dinitrotoluene	20	16.	78	20	16.	78	0	40-140	30
4-Chlorophenyl phenyl ether	20	15.	75	20	14.	70	7	40-140	30
4-Bromophenyl phenyl ether	20	15.	75	20	14.	72	4	40-140	30
Bis(2-chloroisopropyl)ether	20	15.	76	20	14.	72	5	40-140	30
Bis(2-chloroethoxy)methane	20	16.	81	20	15.	74	9	40-140	30
Hexachlorocyclopentadiene	20	7.5	37 Q	20	7.2	36 Q	3	40-140	30
Isophorone	20	15.	76	20	14.	71	7	40-140	30
Nitrobenzene	20	15.	74	20	15.	74	0	40-140	30
NDPA/DPA	20	15.	76	20	15.	77	1	40-140	30
n-Nitrosodi-n-propylamine	20	16.	78	20	14.	70	11	29-132	30
Bis(2-ethylhexyl)phthalate	20	16.	79	20	16.	79	0	40-140	30
Butyl benzyl phthalate	20	17.	87	20	16.	79	10	40-140	30
Di-n-butylphthalate	20	17.	85	20	17.	84	1	40-140	30
Di-n-octylphthalate	20	16.	78	20	15.	74	5	40-140	30
Diethyl phthalate	20	15.	77	20	15.	74	4	40-140	30
Dimethyl phthalate	20	16.	80	20	15.	76	5	40-140	30
Biphenyl	20	18.	89	20	17.	84	6	40-140	30
4-Chloroaniline	20	13.	66	20	8.6	43	42 Q	40-140	30
2-Nitroaniline	20	18.	89	20	16.	82	8	52-143	30
3-Nitroaniline	20	16.	82	20	16.	78	5	25-145	30
4-Nitroaniline	20	19.	94	20	18.	90	4	51-143	30
Dibenzofuran	20	15.	74	20	14.	71	4	40-140	30
1,2,4,5-Tetrachlorobenzene	20	16.	78	20	15.	76	3	2-134	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG2001353-2** Analysis Date : 11/23/24 17:26 File ID : 001353-2
 LCSD Sample ID : **WG2001353-3** Analysis Date : 11/23/24 17:49 File ID : 001353-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Acetophenone	20	19.	94	20	18.	90	4	39-129	30
2,4,6-Trichlorophenol	20	16.	79	20	14.	72	9	30-130	30
p-Chloro-m-cresol	20	16.	78	20	15.	75	4	23-97	30
2-Chlorophenol	20	14.	73	20	13.	67	9	27-123	30
2,4-Dichlorophenol	20	16.	79	20	15.	75	5	30-130	30
2,4-Dimethylphenol	20	10.	50	20	9.6	48	4	30-130	30
2-Nitrophenol	20	15.	75	20	14.	70	7	30-130	30
4-Nitrophenol	20	12.	62	20	13.	65	5	10-80	30
2,4-Dinitrophenol	20	9.8	49	20	12.	58	17	20-130	30
4,6-Dinitro-o-cresol	20	14.	72	20	14.	68	6	20-164	30
Phenol	20	9.1	45	20	9.1	45	0	12-110	30
2-Methylphenol	20	14.	69	20	13.	64	8	30-130	30
3-Methylphenol/4-Methylphenol	20	14.	68	20	13.	64	6	30-130	30
2,4,5-Trichlorophenol	20	16.	83	20	15.	74	11	30-130	30
Carbazole	20	17.	84	20	16.	79	6	55-144	30
Atrazine	20	20.	98	20	19.	95	3	40-140	30
Benzaldehyde	20	20.	102	20	19.	95	7	40-140	30
Caprolactam	20	7.8	39	20	7.9	40	3	10-130	30
2,3,4,6-Tetrachlorophenol	20	17.	86	20	16.	80	7	40-140	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG2001587-2** Analysis Date : 11/25/24 22:44 File ID : 001587-2
 LCSD Sample ID : **WG2001587-3** Analysis Date : 11/25/24 23:07 File ID : 001587-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Bis(2-chloroethyl)ether	20	15.	75	20	12.	62	19	40-140	30
3,3'-Dichlorobenzidine	20	18.	91	20	16.	78	15	40-140	30
2,4-Dinitrotoluene	20	16.	79	20	14.	70	12	48-143	30
2,6-Dinitrotoluene	20	16.	78	20	13.	67	15	40-140	30
4-Chlorophenyl phenyl ether	20	14.	68	20	12.	60	13	40-140	30
4-Bromophenyl phenyl ether	20	14.	72	20	13.	63	13	40-140	30
Bis(2-chloroisopropyl)ether	20	16.	78	20	12.	63	21	40-140	30
Bis(2-chloroethoxy)methane	20	16.	79	20	13.	64	21	40-140	30
Hexachlorocyclopentadiene	20	5.3	26 Q	20	5.1	26 Q	0	40-140	30
Isophorone	20	15.	77	20	12.	61	23	40-140	30
Nitrobenzene	20	16.	79	20	12.	62	24	40-140	30
NDPA/DPA	20	15.	75	20	13.	65	14	40-140	30
n-Nitrosodi-n-propylamine	20	15.	75	20	13.	63	17	29-132	30
Bis(2-ethylhexyl)phthalate	20	16.	82	20	14.	72	13	40-140	30
Butyl benzyl phthalate	20	17.	87	20	15.	77	12	40-140	30
Di-n-butylphthalate	20	16.	79	20	14.	72	9	40-140	30
Di-n-octylphthalate	20	17.	84	20	15.	74	13	40-140	30
Diethyl phthalate	20	15.	74	20	12.	62	18	40-140	30
Dimethyl phthalate	20	15.	75	20	13.	64	16	40-140	30
Biphenyl	20	17.	84	20	14.	72	15	40-140	30
4-Chloroaniline	20	12.	62	20	9.9	50	21	40-140	30
2-Nitroaniline	20	17.	86	20	14.	72	18	52-143	30
3-Nitroaniline	20	15.	76	20	13.	66	14	25-145	30
4-Nitroaniline	20	18.	92	20	16.	81	13	51-143	30
Dibenzofuran	20	14.	70	20	12.	62	12	40-140	30
1,2,4,5-Tetrachlorobenzene	20	15.	75	20	13.	64	16	2-134	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG2001587-2** Analysis Date : 11/25/24 22:44 File ID : 001587-2
 LCSD Sample ID : **WG2001587-3** Analysis Date : 11/25/24 23:07 File ID : 001587-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Acetophenone	20	20.	98	20	15.	75	27	39-129	30
2,4,6-Trichlorophenol	20	15.	77	20	12.	62	22	30-130	30
p-Chloro-m-cresol	20	15.	75	20	12.	62	19	23-97	30
2-Chlorophenol	20	13.	66	20	10.	52	24	27-123	30
2,4-Dichlorophenol	20	16.	78	20	12.	60	26	30-130	30
2,4-Dimethylphenol	20	9.3	47	20	7.4	37	24	30-130	30
2-Nitrophenol	20	15.	75	20	11.	57	27	30-130	30
4-Nitrophenol	20	8.2	41	20	7.9	39	5	10-80	30
2,4-Dinitrophenol	20	2.9	15 Q	20	3.4	17 Q	13	20-130	30
4,6-Dinitro-o-cresol	20	7.3	37	20	7.2	36	3	20-164	30
Phenol	20	6.5	32	20	5.0	25	25	12-110	30
2-Methylphenol	20	12.	60	20	9.2	46	26	30-130	30
3-Methylphenol/4-Methylphenol	20	11.	55	20	9.0	45	20	30-130	30
2,4,5-Trichlorophenol	20	16.	82	20	13.	65	23	30-130	30
Carbazole	20	16.	82	20	15.	73	12	55-144	30
Atrazine	20	19.	94	20	16.	81	15	40-140	30
Benzaldehyde	20	21.	104	20	17.	86	19	40-140	30
Caprolactam	20	5.6	28	20	5.0	25	11	10-130	30
2,3,4,6-Tetrachlorophenol	20	16.	82	20	13.	67	20	40-140	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Client Sample ID : **MW-5S**
 Lab Sample ID : L2467934-05
 Matrix Spike : WG2001587-6
 Matrix Spike Dup : WG2001587-7

Lab Number : L2467934
 Project Number : 20116
 Matrix (Level) : WATER (LOW)
 Analysis Date : 11/26/24 00:37
 MS Analysis Date : 11/25/24 23:52
 MSD Analysis Date : 11/26/24 00:15

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
Bis(2-chloroethyl)ether	ND	20	14.	70	20	14.	70	0	40-140	30
3,3'-Dichlorobenzidine	ND	20	16.	80	20	17.	85	6	40-140	30
2,4-Dinitrotoluene	ND	20	14.	70	20	14.	70	0	48-143	30
2,6-Dinitrotoluene	ND	20	13.	65	20	14.	70	7	40-140	30
4-Chlorophenyl phenyl ether	ND	20	12.	60	20	12.	60	0	40-140	30
4-Bromophenyl phenyl ether	ND	20	12.	60	20	13.	65	8	40-140	30
Bis(2-chloroisopropyl)ether	ND	20	14.	70	20	15.	75	7	40-140	30
Bis(2-chloroethoxy)methane	ND	20	14.	70	20	15.	75	7	40-140	30
Hexachlorocyclopentadiene	ND	20	5.0J	25 Q	20	5.3J	27 Q	6	40-140	30
Isophorone	ND	20	13.	65	20	14.	70	7	40-140	30
Nitrobenzene	ND	20	13.	65	20	16.	80	21	40-140	30
NDPA/DPA	ND	20	13.	65	20	13.	65	0	40-140	30
n-Nitrosodi-n-propylamine	ND	20	13.	65	20	15.	75	14	29-132	30
Bis(2-ethylhexyl)phthalate	ND	20	15.	75	20	16.	80	6	40-140	30
Butyl benzyl phthalate	ND	20	15.	75	20	16.	80	6	40-140	30
Di-n-butylphthalate	ND	20	14.	70	20	14.	70	0	40-140	30
Di-n-octylphthalate	ND	20	15.	75	20	16.	80	6	40-140	30
Diethyl phthalate	ND	20	13.	65	20	13.	65	0	40-140	30
Dimethyl phthalate	ND	20	12.	60	20	13.	65	8	40-140	30
Biphenyl	ND	20	15.	75	20	16.	80	6	40-140	30
4-Chloroaniline	ND	20	11.	55	20	12.	60	9	40-140	30
2-Nitroaniline	ND	20	14.	70	20	16.	80	13	52-143	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Client Sample ID : **MW-5S**
 Lab Sample ID : L2467934-05
 Matrix Spike : WG2001587-6
 Matrix Spike Dup : WG2001587-7

Lab Number : L2467934
 Project Number : 20116
 Matrix (Level) : WATER (LOW)
 Analysis Date : 11/26/24 00:37
 MS Analysis Date : 11/25/24 23:52
 MSD Analysis Date : 11/26/24 00:15

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
3-Nitroaniline	ND	20	14.	70	20	13.	65	7	25-145	30
4-Nitroaniline	ND	20	15.	75	20	16.	80	6	51-143	30
Dibenzofuran	ND	20	12.	60	20	13.	65	8	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	20	13.	65	20	14.	70	7	2-134	30
Acetophenone	ND	20	16.	80	20	18.	90	12	39-129	30
2,4,6-Trichlorophenol	ND	20	13.	65	20	14.	70	7	30-130	30
p-Chloro-m-cresol	ND	20	13.	65	20	13.	65	0	23-97	30
2-Chlorophenol	ND	20	11.	55	20	13.	65	17	27-123	30
2,4-Dichlorophenol	ND	20	13.	65	20	14.	70	7	30-130	30
2,4-Dimethylphenol	ND	20	8.1	41	20	7.8	39	4	30-130	30
2-Nitrophenol	ND	20	13.	65	20	14.	70	7	30-130	30
4-Nitrophenol	ND	20	6.9J	35	20	7.3J	37	6	10-80	30
2,4-Dinitrophenol	ND	20	ND	0 Q	20	ND	0 Q	NC	20-130	30
4,6-Dinitro-o-cresol	ND	20	6.4J	32	20	7.3J	37	13	20-164	30
Phenol	ND	20	5.6	28	20	6.0	30	7	12-110	30
2-Methylphenol	ND	20	10.	50	20	11.	55	10	30-130	30
3-Methylphenol/4-Methylphenol	ND	20	9.7	49	20	11.	55	13	30-130	30
2,4,5-Trichlorophenol	ND	20	14.	70	20	14.	70	0	30-130	30
Carbazole	ND	20	14.	70	20	15.	75	7	55-144	30
Atrazine	ND	20	16.	80	20	17.	85	6	40-140	30
Benzaldehyde	ND	20	18.	90	20	20.	100	11	40-140	30
Caprolactam	ND	20	5.6J	28	20	5.4J	27	4	10-130	30



Matrix Spike Sample Summary **Form 3** **Semivolatiles**

Client	: Alpha Geoscience	Lab Number	: L2467934
Project Name	: HUNTINGTON READY MIXED	Project Number	: 20116
Client Sample ID	: MW-5S	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2467934-05	Analysis Date	: 11/26/24 00:37
Matrix Spike	: WG2001587-6	MS Analysis Date	: 11/25/24 23:52
Matrix Spike Dup	: WG2001587-7	MSD Analysis Date	: 11/26/24 00:15

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
2,3,4,6-Tetrachlorophenol	ND	20	14.	70	20	14.	70	0	40-140	30

Initial Calibration Summary

Form 6

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Calibration dates : 11/05/24 16:59 11/06/24 04:17

Lab Number : L2467934
 Project Number : 20116
 Ical Ref : ICAL21680

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
 L8 =AP9L8.D L9 =AP9L9.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1) I IS1_1,4-Dichlorobenzene-d4	-----ISTD-----										
2) t N-Nitrosodimethylamine	0.688	0.547	0.631	0.657	0.592	0.619	0.625	0.637	0.677	0.630	6.87
3) t Pyridine	0.718	0.742	0.925	1.043	0.961	1.016	1.039	1.024	1.118	0.954	14.48
4) S 2-Fluorophenol	1.049	1.004	1.119	1.011	0.907	1.005	1.012	1.034	1.114	1.028	6.19
5) T Aniline	1.820	1.428	1.670	1.497	1.407	1.535	1.513	1.561	1.671	1.567	8.42
6) t 2-Chlorophenol	1.412	1.055	1.248	1.201	1.124	1.210	1.219	1.242	1.314	1.225	8.34
7) S Phenol-d6	1.562	1.289	1.387	1.281	1.108	1.276	1.276	1.308	1.365	1.317	9.16
8) T Phenol	1.717	1.324	1.459	1.383	1.257	1.388	1.373	1.397	1.488	1.421	9.16
9) T bis(2-Chloroethyl)ether	1.289	0.906	1.073	0.962	0.928	0.981	0.987	0.993	1.037	1.017	11.18
10) T 1,3-Dichlorobenzene	1.989	1.455	1.700	1.552	1.372	1.510	1.497	1.511	1.602	1.577	11.40
11) T 1,4-Dichlorobenzene	2.118	1.551	1.603	1.571	1.432	1.536	1.512	1.529	1.633	1.610	12.35
12) T 1,2-Dichlorobenzene	1.695	1.566	1.655	1.525	1.383	1.466	1.447	1.489	1.583	1.534	6.57
13) t Benzyl alcohol	1.016	0.858	0.891	0.896	0.818	0.912	0.930	0.995	1.055	0.930	8.32
14) T bis(2-chloroisopropyl)ether	2.239	1.745	1.843	1.773	1.610	1.706	1.707	1.728	1.793	1.794	9.98
15) T 2-Methylphenol	1.301	1.037	1.137	1.033	0.949	1.014	1.050	1.065	1.130	1.079	9.34
16) T Hexachloroethane	0.791	0.505	0.620	0.596	0.507	0.543	0.558	0.571	0.615	0.589	14.63
17) T n-Nitrosodi-n-propylamine	1.121	0.834	0.856	0.811	0.724	0.813	0.829	0.866	0.909	0.863	12.65
18) T 3-Methylphenol/4-Methylphenol	1.510	1.200	1.173	1.153	0.986	1.108	1.108	1.166	1.239	1.182	12.02
19) S Nitrobenzene-d5	1.239	1.148	1.175	1.191	1.071	1.176	1.187	1.238	1.328	1.195	5.92
20) T Nitrobenzene	1.353	1.122	1.287	1.162	1.081	1.203	1.212	1.254	1.326	1.222	7.51
21) T Isophorone	2.724	2.161	2.268	2.038	1.932	2.172	2.181	2.313	2.433	2.247	10.29
22) T 2-Nitrophenol	0.655	0.587	0.609	0.564	0.538	0.598	0.623	0.674	0.721	0.619	9.18
23) T 2,4-Dimethylphenol	1.368	1.006	1.085	1.051	0.963	1.062	1.074	1.108	1.188	1.101	10.75
24) T bis(2-Chloroethoxy)methane	1.605	1.319	1.550	1.332	1.236	1.352	1.353	1.401	1.451	1.400	8.36
25) T 2,4-Dichlorophenol	1.548	1.174	1.340	1.190	1.118	1.246	1.245	1.307	1.399	1.285	10.22
26) T 1,2,4-Trichlorobenzene	1.977	1.522	1.585	1.488	1.349	1.476	1.475	1.515	1.611	1.555	11.25
27) I IS2_1,4-Dichlorobenzene-d4	-----ISTD-----										
28) T Benzaldehyde	0.535	0.565	0.698	0.703	0.698	0.762	0.770	0.814	0.786	0.703	13.73
29) T Acetophenone	1.107	1.282	1.407	1.330	1.361	1.463	1.521	1.608	1.552	1.403	11.02
30) T m-Toluidine			1.080	1.092	1.257	1.323	1.390	1.457	1.409	1.287	11.76
31) T 2-Chloroaniline	1.078	1.270	1.369	1.264	1.363	1.427	1.471	1.559	1.510	1.368	10.81
32) I IS3_1,4-Dichlorobenzene-d4	-----ISTD-----										
33) T 1,4-Dioxane		0.252	0.402	0.398	0.392	0.404	0.400	0.409	0.392	0.381	13.71
34) t n-Nitrosodieth		0.349	0.372	0.347	0.382	0.401	0.414	0.437	0.420	0.390	8.57
35) T n-Decane	0.828	1.074	1.101	0.967	1.017	1.097	1.087	1.158	1.107	1.048	9.45
36) t n-Nitrosopyrro	0.287	0.406	0.461	0.431	0.441	0.486	0.521	0.550	0.537	0.458	17.68



Initial Calibration Summary

Form 6

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Calibration dates : 11/05/24 16:59 11/06/24 04:17

Lab Number : L2467934
 Project Number : 20116
 Ical Ref : ICAL21680

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
 L8 =AP9L8.D L9 =AP9L9.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37) I IS1_Naphthalene-d8	-----ISTD-----										
38) T Naphthalene	1.453	1.116	1.167	1.048	0.965	1.022	1.010	1.038	1.082	1.100	13.19
39) T Benzoic Acid					0.170	0.206	0.226	0.257	0.279	0.228	18.76
40) T 4-Chloroaniline	0.150	0.114	0.123	0.117	0.108	0.118	0.114	0.119	0.125	0.121	9.98
41) T Hexachlorobutadiene	0.298	0.234	0.285	0.254	0.231	0.250	0.249	0.255	0.270	0.258	8.55
42) T p-Chloro-m-cresol	0.342	0.278	0.308	0.267	0.246	0.280	0.275	0.298	0.315	0.290	9.94
43) T 2-Methylnaphthalene	1.045	0.738	0.807	0.705	0.659	0.700	0.706	0.729	0.763	0.761	15.02
44) T 1-Methylnaphthalene	0.321	0.228	0.254	0.233	0.207	0.232	0.225	0.231	0.246	0.242	13.41
45) T Hexachlorocyclopentadiene	0.297	0.225	0.280	0.262	0.240	0.269	0.274	0.291	0.311	0.272	10.00
46) T 2,4,6-Trichlorophenol	0.326	0.279	0.279	0.267	0.250	0.278	0.282	0.300	0.320	0.287	8.51
47) T 2,4,5-Trichlorophenol	0.399	0.300	0.312	0.309	0.278	0.301	0.313	0.325	0.347	0.320	10.95
48) S 2-Fluorobiphenyl	1.386	0.978	1.052	0.941	0.852	0.912	0.902	0.920	0.968	0.990	16.04
49) T 2-Chloronaphthalene	1.113	0.897	0.884	0.813	0.728	0.799	0.774	0.811	0.853	0.852	13.02
50) T 2-Nitroaniline	0.220	0.198	0.212	0.207	0.184	0.216	0.223	0.243	0.260	0.218	10.43
51) T 1,4-Dinitrobenzene	0.093	0.063	0.090	0.090	0.086	0.094	0.101	0.113	0.122	0.095	17.69
52) T 1,3-Dinitrobenzene	0.108	0.093	0.120	0.105	0.098	0.114	0.117	0.129	0.137	0.113	12.53
53) T Dimethyl phthalate	1.318	0.991	1.021	0.936	0.866	0.923	0.912	0.953	0.998	0.991	13.29
54) T Acenaphthylene	1.586	1.204	1.302	1.203	1.092	1.183	1.181	1.230	1.286	1.252	11.14
55) T 2,6-Dinitrotoluene	0.192	0.157	0.185	0.174	0.167	0.186	0.187	0.201	0.215	0.185	9.50
56) T 1,2-Dinitrobenzene		0.043	0.065	0.067	0.062	0.070	0.069	0.073	0.080	0.066	16.02
57) I IS2_Naphthalene-d8	-----ISTD-----										
58) T a-Terpineol	0.162	0.210	0.212	0.213	0.210	0.235	0.239	0.261	0.251	0.221	13.16
59) T 3-Chloroaniline		0.086	0.112	0.111	0.106	0.125	0.121	0.129	0.125	0.115	12.17
60) T 2,6-Dichlorophenol	0.250	0.246	0.297	0.277	0.286	0.319	0.317	0.339	0.329	0.296	11.35
61) T 1-chloro-2-nitrobenzene	0.068	0.091	0.114	0.114	0.114	0.126	0.124	0.137	0.133	0.113	19.26
62) T Caprolactam	0.115	0.103	0.112	0.114	0.113	0.127	0.132	0.146	0.142	0.123	12.07
63) T 1,2,4,5-Tetrachlorobenzene	0.355	0.419	0.415	0.393	0.401	0.437	0.417	0.450	0.429	0.413	6.76
64) T Biphenyl	0.719	0.789	0.880	0.804	0.823	0.897	0.870	0.918	0.876	0.842	7.51
65) I IS1_Acenaphthene-d10	-----ISTD-----										
66) T 3-Nitroaniline	0.312	0.289	0.294	0.288	0.284	0.310	0.324	0.332	0.349	0.309	7.30
67) T Acenaphthene	1.665	1.203	1.195	1.092	1.004	1.062	1.049	1.077	1.122	1.163	17.13
68) T 2,4-Dinitrophenol				0.130	0.149	0.172	0.185	0.208	0.226	*L	0.9959
69) T Dibenzofuran	2.796	2.124	2.085	1.944	1.749	1.824	1.814	1.833	1.885	2.006	16.04
70) T 2,4-Dinitrotoluene	0.373	0.326	0.366	0.349	0.361	0.402	0.410	0.433	0.464	0.387	11.29
71) T 4-Nitrophenol	0.229	0.206	0.209	0.221	0.208	0.233	0.237	0.255	0.273	0.230	9.86
72) T 2,3,5,6-Tetrachlorophenol	0.465	0.419	0.459	0.406	0.390	0.425	0.429	0.454	0.481	0.436	6.86



Initial Calibration Summary

Form 6

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Calibration dates : 11/05/24 16:59 11/06/24 04:17

Lab Number : L2467934
 Project Number : 20116
 Ical Ref : ICAL21680

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
 L8 =AP9L8.D L9 =AP9L9.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73) T	2,3,4,6-Tetrachlorophenol	0.536	0.376	0.418	0.411	0.383	0.413	0.421	0.432	0.461	0.428	11.15
74) T	Diethyl phthalate	2.187	1.601	1.621	1.458	1.366	1.435	1.445	1.489	1.570	1.575	15.53
75) T	Fluorene	2.060	1.606	1.598	1.495	1.311	1.420	1.399	1.439	1.498	1.536	14.16
76) T	4-Chlorophenyl-phenylether	1.099	0.823	0.819	0.767	0.683	0.722	0.716	0.736	0.762	0.792	15.66
77) T	4-Nitroaniline	0.236	0.258	0.299	0.296	0.275	0.312	0.317	0.337	0.357	0.299	12.76
78) T	4,6-Dinitro-o-cresol	0.240	0.149	0.221	0.215	0.210	0.242	0.251	0.278	0.300	0.234	18.54
79) T	NDPA/DPA	1.902	1.355	1.398	1.272	1.134	1.220	1.202	1.245	1.300	1.337	16.94
80) T	Azobenzene	1.550	1.299	1.365	1.219	1.116	1.216	1.210	1.254	1.298	1.281	9.61
81) S	2,4,6-Tribromophenol	0.315	0.286	0.278	0.265	0.249	0.272	0.276	0.299	0.332	0.286	8.99
82) T	4-Bromophenyl-phenylether	0.722	0.544	0.560	0.476	0.442	0.474	0.474	0.485	0.517	0.522	16.10
83) T	Hexachlorobenzene	0.895	0.718	0.682	0.616	0.571	0.586	0.579	0.605	0.656	0.656	15.60
84) T	Pentachlorophenol	0.372	0.280	0.312	0.320	0.315	0.357	0.379	0.412	0.455	0.356	15.51
85) I	IS2_Acenaphthene-d10	-----ISTD-----										
86) T	Dichloran		0.151	0.132	0.142	0.146	0.165	0.185	0.214	0.217	0.169	19.47
87) T	Pentachloronitrobenzene			0.157	0.173	0.164	0.181	0.190	0.220	0.221	0.187	13.74
88) I	IS3_Acenaphthene-d10	-----ISTD-----										
89) T	Atrazine	0.307	0.322	0.368	0.285	0.313	0.342	0.350	0.401	0.400	0.343	11.90
90) I	IS1_Phenanthrene-d10	-----ISTD-----										
91) T	Phenanthrene	1.655	1.246	1.214	1.134	1.019	1.085	1.072	1.100	1.119	1.183	16.11
92) T	Anthracene	1.572	1.147	1.191	1.098	1.017	1.082	1.065	1.115	1.153	1.160	14.06
93) T	Carbazole	1.327	1.038	1.109	1.013	0.956	1.020	1.001	1.037	1.079	1.064	10.14
94) T	Di-n-butylphthalate	1.417	1.094	1.207	1.105	1.064	1.185	1.204	1.275	1.309	1.207	9.42
95) T	Fluoranthene	1.943	1.443	1.460	1.351	1.250	1.321	1.315	1.344	1.374	1.422	14.44
96) T	Benzydine	0.815	0.657	0.698	0.696	0.708	0.801	0.818	0.853	0.900	0.772	10.90
97) T	Pyrene	2.028	1.546	1.562	1.479	1.353	1.429	1.397	1.427	1.456	1.520	13.29
98) S	4-Terphenyl-d14	1.660	1.139	1.202	1.092	1.007	1.066	1.052	1.085	1.114	1.157	16.95
99) T	Butyl benzyl phthalate	0.567	0.415	0.479	0.447	0.453	0.520	0.541	0.594	0.635	0.517	14.34
100) I	IS2_Phenanthrene-d10	-----ISTD-----										
101) T	Diphenamid	0.347	0.380	0.392	0.377	0.390	0.434	0.456	0.494	0.474	0.416	12.13
102) I	IS3_Phenanthrene-d10	-----ISTD-----										
103) T	n-Octadecane	0.279	0.354	0.355	0.289	0.309	0.332	0.347	0.369	0.369	0.334	10.10
104) T	Parathion			0.076	0.062	0.069	0.074	0.086	0.106	0.115	*Q	0.9978
105) T	3,3'-Dimethylbenzidine				0.425	0.542	0.649	0.734	0.845	0.870	*L	0.9972
106) I	IS1_Chrysene-d12	-----ISTD-----										
107) T	Benzo[a]anthracene	1.869	1.383	1.408	1.283	1.164	1.251	1.262	1.278	1.301	1.355	15.16
108) T	3,3'-Dichlorobenzidine	0.587	0.439	0.489	0.467	0.455	0.503	0.519	0.533	0.552	0.505	9.52



Initial Calibration Summary

Form 6

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Calibration dates : 11/05/24 16:59 11/06/24 04:17

Lab Number : L2467934
 Project Number : 20116
 Ical Ref : ICAL21680

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =ABNL4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
 L8 =AP9L8.D L9 =AP9L9.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109) T Chrysene	1.959	1.373	1.454	1.290	1.162	1.224	1.199	1.230	1.250	1.349	18.23
110) T bis(2-Ethylhexyl)phthalate	0.831	0.597	0.665	0.632	0.630	0.732	0.775	0.822	0.855	0.726	13.56
111) T Di-n-octylphthalate	1.380	1.021	1.044	1.017	1.027	1.217	1.316	1.411	1.473	1.212	15.54
112) T Benzo(b)fluoranthene	1.822	1.402	1.469	1.372	1.282	1.313	1.333	1.348	1.437	1.420	11.43
113) T Benzo(k)fluoranthene	1.743	1.264	1.425	1.314	1.209	1.355	1.362	1.367	1.409	1.383	10.93
114) T Benzo(a)pyrene	1.495	1.196	1.246	1.206	1.127	1.232	1.262	1.289	1.349	1.267	8.34
115) I IS1_Perylene-d12	-----ISTD-----										
116) T Indeno(1,2,3-cd)pyrene	1.598	1.131	1.193	1.086	1.057	1.169	1.203	1.283	1.387	1.234	13.71
117) T Dibenzo[a,h]anthracene	1.503	1.130	1.213	1.140	1.076	1.169	1.186	1.217	1.281	1.213	10.21
118) T Benzo(g,h,i)perylene	1.547	1.172	1.230	1.097	1.024	1.118	1.137	1.171	1.234	1.192	12.43



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Lab File ID : ABN1123
 Sample No : WG2001490-3
 Channel :

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/23/24 13:41
 Init. Calib. Date(s) : 11/05/24 11/06/24
 Init. Calib. Times : 16:59 04:17

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	92	0
n-Nitrosodimethylamine	0.63	0.686	-	-8.9	20	102	0
Pyridine	0.954	1.046	-	-9.6	20	95	0
2-Fluorophenol	1.028	0.992	-	3.5	20	91	0
Aniline	1.567	1.635	-	-4.3	20	98	0
2-Chlorophenol	1.225	1.224	-	0.1	20	93	0
Phenol-d6	1.317	1.347	-	-2.3	20	97	0
Phenol	1.421	1.455	-	-2.4	20	97	0
Bis(2-chloroethyl)ether	1.017	1.037	-	-2	20	98	0
1,3-Dichlorobenzene	1.577	1.486	-	5.8	20	91	0
1,4-Dichlorobenzene	1.61	1.531	-	4.9	20	92	0
1,2-Dichlorobenzene	1.534	1.481	-	3.5	20	93	0
Benzyl alcohol	0.93	0.961	-	-3.3	20	97	0
Bis(2-chloroisopropyl)ethe	1.794	1.862	-	-3.8	20	101	0
2-Methylphenol	1.079	1.096	-	-1.6	20	100	0
Hexachloroethane	0.589	0.523	-	11.2	20	89	0
n-Nitrosodi-n-propylamine	0.863	0.873	-	-1.2	20	99	0
3-Methylphenol/4-Methylphe	1.182	1.218	-	-3	20	102	0
Nitrobenzene-d5	1.195	1.271	-	-6.4	20	100	0
Nitrobenzene	1.222	1.308	-	-7	20	100	0
Isophorone	2.247	2.337	-	-4	20	99	0
2-Nitrophenol	0.619	0.679	-	-9.7	20	105	0
2,4-Dimethylphenol	1.101	1.118	-	-1.5	20	97	0
Bis(2-chloroethoxy)methane	1.4	1.441	-	-2.9	20	98	0
2,4-Dichlorophenol	1.285	1.288	-	-0.2	20	96	0
1,2,4-Trichlorobenzene	1.555	1.473	-	5.3	20	92	0
IS1_Naphthalene-d8	1	1	-	0	20	98	0
Naphthalene	1.1	1.016	-	7.6	20	97	0
Benzoic Acid	0.228	0.195	-	14.5	20	93	0
4-Chloroaniline	0.121	0.118	-	2.5	20	98	0
Hexachlorobutadiene	0.258	0.219	-	15.1	20	86	0
p-Chloro-m-cresol	0.29	0.287	-	1	20	101	0
2-Methylnaphthalene	0.761	0.717	-	5.8	20	100	0
1-Methylnaphthalene	0.242	0.224	-	7.4	20	95	0
Hexachlorocyclopentadiene	0.272	0.254	-	6.6	20	93	0
2,4,6-Trichlorophenol	0.287	0.294	-	-2.4	20	104	0
2,4,5-Trichlorophenol	0.32	0.317	-	0.9	20	103	0
2-Fluorobiphenyl	0.99	0.909	-	8.2	20	98	0
2-Chloronaphthalene	0.852	0.794	-	6.8	20	97	0
2-Nitroaniline	0.218	0.236	-	-8.3	20	107	0
1,4-Dinitrobenzene	0.095	0.11	-	-15.8	20	114	0
1,3-Dinitrobenzene	0.113	0.126	-	-11.5	20	108	0
Dimethyl phthalate	0.991	0.957	-	3.4	20	102	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Lab File ID : ABN1123
 Sample No : WG2001490-3
 Channel :

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/23/24 13:41
 Init. Calib. Date(s) : 11/05/24 11/06/24
 Init. Calib. Times : 16:59 04:17

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.252	1.232	-	1.6	20	102	0
2,6-Dinitrotoluene	0.185	0.193	-	-4.3	20	102	0
1,2-Dinitrobenzene	0.066	0.073	-	-10.6	20	102	0
IS1_Acenaphthene-d10	1	1	-	0	20	104	0
3-Nitroaniline	0.309	0.333	-	-7.8	20	112	0
Acenaphthene	1.163	1.032	-	11.3	20	101	0
2,4-Dinitrophenol	0.188	0.166	-	11.7	20	100	0
Dibenzofuran	2.006	1.821	-	9.2	20	104	0
2,4-Dinitrotoluene	0.387	0.417	-	-7.8	20	108	0
4-Nitrophenol	0.23	0.258	-	-12.2	20	115	0
2,3,5,6-Tetrachlorophenol	0.436	0.439	-	-0.7	20	107	0
2,3,4,6-Tetrachlorophenol	0.428	0.42	-	1.9	20	106	0
Diethyl phthalate	1.575	1.416	-	10.1	20	103	0
Fluorene	1.536	1.411	-	8.1	20	103	0
4-Chlorophenyl phenyl ethe	0.792	0.699	-	11.7	20	101	0
4-Nitroaniline	0.299	0.353	-	-18.1	20	117	0
4,6-Dinitro-o-cresol	0.234	0.247	-	-5.6	20	106	0
NDPA/DPA	1.337	1.238	-	7.4	20	106	0
Azobenzene	1.281	1.239	-	3.3	20	106	0
2,4,6-Tribromophenol	0.286	0.285	-	0.3	20	109	0
4-Bromophenyl phenyl ether	0.522	0.465	-	10.9	20	102	0
Hexachlorobenzene	0.656	0.582	-	11.3	20	103	0
Pentachlorophenol	0.356	0.388	-	-9	20	113	0
IS1_Phenanthrene-d10	1	1	-	0	20	107	0
Phenanthrene	1.183	1.078	-	8.9	20	106	0
Anthracene	1.16	1.09	-	6	20	108	0
Carbazole	1.064	1.056	-	0.8	20	111	0
Di-n-butylphthalate	1.207	1.142	-	5.4	20	103	0
Fluoranthene	1.422	1.334	-	6.2	20	108	0
Benzidine	0.772	0.816	-	-5.7	20	109	0
Pyrene	1.52	1.465	-	3.6	20	110	0
4-Terphenyl-d14	1.157	1.066	-	7.9	20	107	0
Butyl benzyl phthalate	0.517	0.53	-	-2.5	20	109	0
IS1_Chrysene-d12	1	1	-	0	20	113	0
Benzo(a)anthracene	1.355	1.24	-	8.5	20	112	0
3,3'-Dichlorobenzidine	0.505	0.495	-	2	20	111	0
Chrysene	1.349	1.189	-	11.9	20	110	0
Bis(2-ethylhexyl)phthalate	0.726	0.692	-	4.7	20	107	0
Di-n-octylphthalate	1.212	1.162	-	4.1	20	108	0
Benzo(b)fluoranthene	1.42	1.329	-	6.4	20	115	0
Benzo(k)fluoranthene	1.383	1.348	-	2.5	20	113	0
Benzo(a)pyrene	1.267	1.237	-	2.4	20	114	0
IS1_Perylene-d12	1	1	-	0	20	116	0

* Value outside of QC limits.



Calibration Verification Summary
Form 7
Semivolatiles

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Instrument ID : DAKOTA
Lab File ID : ABN1123
Sample No : WG2001490-3
Channel :

Lab Number : L2467934
Project Number : 20116
Calibration Date : 11/23/24 13:41
Init. Calib. Date(s) : 11/05/24 11/06/24
Init. Calib. Times : 16:59 04:17

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.234	1.149	-	6.9	20	114	0
Dibenzo(a,h)anthracene	1.213	1.126	-	7.2	20	111	0
Benzo(ghi)perylene	1.192	1.11	-	6.9	20	115	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Lab File ID : ABN1124
 Sample No : WG2001636-3
 Channel :

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/24/24 08:42
 Init. Calib. Date(s) : 11/05/24 11/06/24
 Init. Calib. Times : 16:59 04:17

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	96	0
n-Nitrosodimethylamine	0.63	0.717	-	-13.8	20	111	0
Pyridine	0.954	1.128	-	-18.2	20	106	0
2-Fluorophenol	1.028	1.093	-	-6.3	20	104	0
Aniline	1.567	1.723	-	-10	20	107	0
2-Chlorophenol	1.225	1.301	-	-6.2	20	103	0
Phenol-d6	1.317	1.434	-	-8.9	20	107	0
Phenol	1.421	1.567	-	-10.3	20	108	0
Bis(2-chloroethyl)ether	1.017	1.095	-	-7.7	20	107	0
1,3-Dichlorobenzene	1.577	1.613	-	-2.3	20	102	0
1,4-Dichlorobenzene	1.61	1.638	-	-1.7	20	102	0
1,2-Dichlorobenzene	1.534	1.609	-	-4.9	20	105	0
Benzyl alcohol	0.93	0.978	-	-5.2	20	103	0
Bis(2-chloroisopropyl)ethe	1.794	1.946	-	-8.5	20	109	0
2-Methylphenol	1.079	1.151	-	-6.7	20	109	0
Hexachloroethane	0.589	0.587	-	0.3	20	103	0
n-Nitrosodi-n-propylamine	0.863	0.869	-	-0.7	20	102	0
3-Methylphenol/4-Methylphe	1.182	1.225	-	-3.6	20	106	0
Nitrobenzene-d5	1.195	1.304	-	-9.1	20	106	0
Nitrobenzene	1.222	1.344	-	-10	20	107	0
Isophorone	2.247	2.26	-	-0.6	20	100	0
2-Nitrophenol	0.619	0.7	-	-13.1	20	112	0
2,4-Dimethylphenol	1.101	1.134	-	-3	20	102	0
Bis(2-chloroethoxy)methane	1.4	1.421	-	-1.5	20	100	0
2,4-Dichlorophenol	1.285	1.306	-	-1.6	20	100	0
1,2,4-Trichlorobenzene	1.555	1.528	-	1.7	20	99	0
IS1_Naphthalene-d8	1	1	-	0	20	98	0
Naphthalene	1.1	1.08	-	1.8	20	103	0
Benzoic Acid	0.228	0.159	-	30.3*	20	76	0
4-Chloroaniline	0.121	0.119	-	1.7	20	98	0
Hexachlorobutadiene	0.258	0.24	-	7	20	94	0
p-Chloro-m-cresol	0.29	0.289	-	0.3	20	101	0
2-Methylnaphthalene	0.761	0.738	-	3	20	103	0
1-Methylnaphthalene	0.242	0.234	-	3.3	20	98	0
Hexachlorocyclopentadiene	0.272	0.262	-	3.7	20	95	0
2,4,6-Trichlorophenol	0.287	0.28	-	2.4	20	98	0
2,4,5-Trichlorophenol	0.32	0.309	-	3.4	20	100	0
2-Fluorobiphenyl	0.99	0.903	-	8.8	20	97	0
2-Chloronaphthalene	0.852	0.808	-	5.2	20	99	0
2-Nitroaniline	0.218	0.223	-	-2.3	20	100	0
1,4-Dinitrobenzene	0.095	0.105	-	-10.5	20	108	0
1,3-Dinitrobenzene	0.113	0.12	-	-6.2	20	102	0
Dimethyl phthalate	0.991	0.895	-	9.7	20	95	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Lab File ID : ABN1124
 Sample No : WG2001636-3
 Channel :

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/24/24 08:42
 Init. Calib. Date(s) : 11/05/24 11/06/24
 Init. Calib. Times : 16:59 04:17

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.252	1.198	-	4.3	20	99	0
2,6-Dinitrotoluene	0.185	0.186	-	-0.5	20	98	0
1,2-Dinitrobenzene	0.066	0.072	-	-9.1	20	101	0
IS1_Acenaphthene-d10	1	1	-	0	20	95	0
3-Nitroaniline	0.309	0.338	-	-9.4	20	104	0
Acenaphthene	1.163	1.091	-	6.2	20	98	0
2,4-Dinitrophenol	0.188	0.157	-	16.5	20	87	0
Dibenzofuran	2.006	1.925	-	4	20	100	0
2,4-Dinitrotoluene	0.387	0.426	-	-10.1	20	101	0
4-Nitrophenol	0.23	0.265	-	-15.2	20	108	0
2,3,5,6-Tetrachlorophenol	0.436	0.447	-	-2.5	20	100	0
2,3,4,6-Tetrachlorophenol	0.428	0.435	-	-1.6	20	100	0
Diethyl phthalate	1.575	1.438	-	8.7	20	95	0
Fluorene	1.536	1.466	-	4.6	20	98	0
4-Chlorophenyl phenyl ethe	0.792	0.721	-	9	20	95	0
4-Nitroaniline	0.299	0.359	-	-20.1*	20	109	0
4,6-Dinitro-o-cresol	0.234	0.24	-	-2.6	20	95	0
NDPA/DPA	1.337	1.278	-	4.4	20	100	0
Azobenzene	1.281	1.284	-	-0.2	20	101	0
2,4,6-Tribromophenol	0.286	0.286	-	0	20	100	0
4-Bromophenyl phenyl ether	0.522	0.477	-	8.6	20	96	0
Hexachlorobenzene	0.656	0.576	-	12.2	20	94	0
Pentachlorophenol	0.356	0.399	-	-12.1	20	106	0
IS1_Phenanthrene-d10	1	1	-	0	20	94	0
Phenanthrene	1.183	1.152	-	2.6	20	99	0
Anthracene	1.16	1.17	-	-0.9	20	101	0
Carbazole	1.064	1.125	-	-5.7	20	103	0
Di-n-butylphthalate	1.207	1.141	-	5.5	20	90	0
Fluoranthene	1.422	1.426	-	-0.3	20	101	0
Benzidine	0.772	0.864	-	-11.9	20	101	0
Pyrene	1.52	1.541	-	-1.4	20	101	0
4-Terphenyl-d14	1.157	1.114	-	3.7	20	98	0
Butyl benzyl phthalate	0.517	0.545	-	-5.4	20	98	0
IS1_Chrysene-d12	1	1	-	0	20	101	0
Benzo(a)anthracene	1.355	1.316	-	2.9	20	106	0
3,3'-Dichlorobenzidine	0.505	0.533	-	-5.5	20	107	0
Chrysene	1.349	1.288	-	4.5	20	106	0
Bis(2-ethylhexyl)phthalate	0.726	0.694	-	4.4	20	95	0
Di-n-octylphthalate	1.212	1.208	-	0.3	20	100	0
Benzo(b)fluoranthene	1.42	1.452	-	-2.3	20	111	0
Benzo(k)fluoranthene	1.383	1.47	-	-6.3	20	109	0
Benzo(a)pyrene	1.267	1.368	-	-8	20	112	0
IS1_Perylene-d12	1	1	-	0	20	106	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Lab File ID : ABN1124
 Sample No : WG2001636-3
 Channel :

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/24/24 08:42
 Init. Calib. Date(s) : 11/05/24 11/06/24
 Init. Calib. Times : 16:59 04:17

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.234	1.239	-	-0.4	20	113	0
Dibenzo(a,h)anthracene	1.213	1.242	-	-2.4	20	113	0
Benzo(ghi)perylene	1.192	1.221	-	-2.4	20	116	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Lab File ID : ABN1125N
 Sample No : WG2002259-3
 Channel :

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/25/24 20:52
 Init. Calib. Date(s) : 11/05/24 11/06/24
 Init. Calib. Times : 16:59 04:17

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	138	0
n-Nitrosodimethylamine	0.63	0.669	-	-6.2	20	150	0
Pyridine	0.954	1.086	-	-13.8	20	148	0
2-Fluorophenol	1.028	1.034	-	-0.6	20	143	0
Aniline	1.567	1.614	-	-3	20	146	0
2-Chlorophenol	1.225	1.238	-	-1.1	20	142	0
Phenol-d6	1.317	1.359	-	-3.2	20	147	0
Phenol	1.421	1.475	-	-3.8	20	147	0
Bis(2-chloroethyl)ether	1.017	1.018	-	-0.1	20	144	0
1,3-Dichlorobenzene	1.577	1.459	-	7.5	20	134	0
1,4-Dichlorobenzene	1.61	1.468	-	8.8	20	132	0
1,2-Dichlorobenzene	1.534	1.442	-	6	20	136	0
Benzyl alcohol	0.93	1.001	-	-7.6	20	152	0
Bis(2-chloroisopropyl)ethe	1.794	1.857	-	-3.5	20	151	0
2-Methylphenol	1.079	1.097	-	-1.7	20	150	0
Hexachloroethane	0.589	0.546	-	7.3	20	139	0
n-Nitrosodi-n-propylamine	0.863	0.901	-	-4.4	20	154	0
3-Methylphenol/4-Methylphe	1.182	1.194	-	-1	20	149	0
Nitrobenzene-d5	1.195	1.285	-	-7.5	20	151	0
Nitrobenzene	1.222	1.292	-	-5.7	20	149	0
Isophorone	2.247	2.342	-	-4.2	20	149	0
2-Nitrophenol	0.619	0.669	-	-8.1	20	155	0
2,4-Dimethylphenol	1.101	1.038	-	5.7	20	135	0
Bis(2-chloroethoxy)methane	1.4	1.446	-	-3.3	20	148	0
2,4-Dichlorophenol	1.285	1.336	-	-4	20	149	0
1,2,4-Trichlorobenzene	1.555	1.45	-	6.8	20	136	0
IS1_Naphthalene-d8	1	1	-	0	20	149	0
Naphthalene	1.1	0.986	-	10.4	20	143	0
Benzoic Acid	0.228	0.221	-	3.1	20	160	0
4-Chloroaniline	0.121	0.117	-	3.3	20	146	0
Hexachlorobutadiene	0.258	0.222	-	14	20	132	0
p-Chloro-m-cresol	0.29	0.293	-	-1	20	156	0
2-Methylnaphthalene	0.761	0.687	-	9.7	20	146	0
1-Methylnaphthalene	0.242	0.223	-	7.9	20	143	0
Hexachlorocyclopentadiene	0.272	0.212	-	22.1*	20	117	0
2,4,6-Trichlorophenol	0.287	0.284	-	1	20	152	0
2,4,5-Trichlorophenol	0.32	0.313	-	2.2	20	155	0
2-Fluorobiphenyl	0.99	0.879	-	11.2	20	143	0
2-Chloronaphthalene	0.852	0.761	-	10.7	20	142	0
2-Nitroaniline	0.218	0.232	-	-6.4	20	159	0
1,4-Dinitrobenzene	0.095	0.102	-	-7.4	20	161	0
1,3-Dinitrobenzene	0.113	0.123	-	-8.8	20	160	0
Dimethyl phthalate	0.991	0.924	-	6.8	20	149	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : DAKOTA
 Lab File ID : ABN1125N
 Sample No : WG2002259-3
 Channel :

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/25/24 20:52
 Init. Calib. Date(s) : 11/05/24 11/06/24
 Init. Calib. Times : 16:59 04:17

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.252	1.191	-	4.9	20	150	0
2,6-Dinitrotoluene	0.185	0.193	-	-4.3	20	154	0
1,2-Dinitrobenzene	0.066	0.072	-	-9.1	20	152	0
IS1_Acenaphthene-d10	1	1	-	0	20	153	0
3-Nitroaniline	0.309	0.327	-	-5.8	20	161	0
Acenaphthene	1.163	1.044	-	10.2	20	150	0
2,4-Dinitrophenol	0.188	0.07	-	62.8*	20	62	0
Dibenzofuran	2.006	1.784	-	11.1	20	149	0
2,4-Dinitrotoluene	0.387	0.418	-	-8	20	159	0
4-Nitrophenol	0.23	0.242	-	-5.2	20	158	0
2,3,5,6-Tetrachlorophenol	0.436	0.448	-	-2.8	20	161	0
2,3,4,6-Tetrachlorophenol	0.428	0.429	-	-0.2	20	159	0
Diethyl phthalate	1.575	1.406	-	10.7	20	150	0
Fluorene	1.536	1.398	-	9	20	150	0
4-Chlorophenyl phenyl ethe	0.792	0.678	-	14.4	20	144	0
4-Nitroaniline	0.299	0.342	-	-14.4	20	167	0
4,6-Dinitro-o-creso	0.234	0.151	-	35.5*	20	96	0
NDPA/DPA	1.337	1.217	-	9	20	152	0
Azobenzene	1.281	1.248	-	2.6	20	157	0
2,4,6-Tribromophenol	0.286	0.291	-	-1.7	20	163	0
4-Bromophenyl phenyl ether	0.522	0.457	-	12.5	20	147	0
Hexachlorobenzene	0.656	0.57	-	13.1	20	149	0
Pentachlorophenol	0.356	0.384	-	-7.9	20	164	0
IS1_Phenanthrene-d10	1	1	-	0	20	156	0
Phenanthrene	1.183	1.055	-	10.8	20	151	0
Anthracene	1.16	1.075	-	7.3	20	155	0
Carbazole	1.064	1.03	-	3.2	20	157	0
Di-n-butylphthalate	1.207	1.147	-	5	20	151	0
Fluoranthene	1.422	1.297	-	8.8	20	153	0
Benzidine	0.772	0.7	-	9.3	20	136	0
Pyrene	1.52	1.379	-	9.3	20	150	0
4-Terphenyl-d14	1.157	1.018	-	12	20	149	0
Butyl benzyl phthalate	0.517	0.533	-	-3.1	20	160	0
IS1_Chrysene-d12	1	1	-	0	20	161	0
Benzo(a)anthracene	1.355	1.225	-	9.6	20	158	0
3,3'-Dichlorobenzidine	0.505	0.49	-	3	20	156	0
Chrysene	1.349	1.156	-	14.3	20	152	0
Bis(2-ethylhexyl)phthalate	0.726	0.693	-	4.5	20	152	0
Di-n-octylphthalate	1.212	1.187	-	2.1	20	157	0
Benzo(b)fluoranthene	1.42	1.303	-	8.2	20	160	0
Benzo(k)fluoranthene	1.383	1.272	-	8	20	151	0
Benzo(a)pyrene	1.267	1.209	-	4.6	20	158	0
IS1_Perylene-d12	1	1	-	0	20	161	0

* Value outside of QC limits.



Calibration Verification Summary
Form 7
Semivolatiles

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Instrument ID : DAKOTA
Lab File ID : ABN1125N
Sample No : WG2002259-3
Channel :

Lab Number : L2467934
Project Number : 20116
Calibration Date : 11/25/24 20:52
Init. Calib. Date(s) : 11/05/24 11/06/24
Init. Calib. Times : 16:59 04:17

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.234	1.138	-	7.8	20	157	0
Dibenzo(a,h)anthracene	1.213	1.093	-	9.9	20	150	0
Benzo(ghi)perylene	1.192	1.083	-	9.1	20	156	0

* Value outside of QC limits.



SVOC SIM Data Section



Geology
Hydrology
Remediation
Water Supply

**QA/QC Review of Method 8270D SIM Semi-Volatiles
Data for Alpha Analytical, SDG Number: L2467934**

**8 Ground Water Samples, 1 Field Duplicate,
and 1 Field Blank
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analyses for the method blank WG2001354-1BLANK and the field blank reported target compounds as not detected.

Method blank WG2001588-1BLANK contained detection of all target compounds with 7 above the reporting limits. The results for all compounds should be considered rejected (R) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-5S.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and percent recoveries were within QC limits for aqueous samples WG2001354-2/3 and WG2001588-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-7S/DUP reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits.

Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Lab ID : WG2001588-1
 Client ID : **WG2001588-1BLANK**
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 001588-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2467934
 Project Number : 20116
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 11/24/24 10:56
 Date Extracted : 11/24/24
 Dilution Factor : 1
 Analyst : KMH
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	0.13	0.10	0.02	
91-58-7	2-Chloronaphthalene	0.10	0.20	0.02	J
206-44-0	Fluoranthene	0.10	0.10	0.03	
87-68-3	Hexachlorobutadiene	0.17	0.50	0.02	J
91-20-3	Naphthalene	0.12	0.10	0.02	
56-55-3	Benzo(a)anthracene	0.09	0.10	0.03	J
50-32-8	Benzo(a)pyrene	0.07	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.07	0.10	0.03	J
207-08-9	Benzo(k)fluoranthene	0.09	0.10	0.03	J
218-01-9	Chrysene	0.07	0.10	0.03	J
208-96-8	Acenaphthylene	0.08	0.10	0.02	J
120-12-7	Anthracene	0.09	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	0.06	0.10	0.02	J
86-73-7	Fluorene	0.11	0.10	0.03	
85-01-8	Phenanthrene	0.13	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	0.07	0.10	0.02	J
193-39-5	Indeno(1,2,3-cd)pyrene	0.06	0.10	0.02	J
129-00-0	Pyrene	0.10	0.10	0.04	
91-57-6	2-Methylnaphthalene	0.13	0.10	0.03	
87-86-5	Pentachlorophenol	0.10	0.80	0.06	J
118-74-1	Hexachlorobenzene	0.11	0.80	0.01	J
67-72-1	Hexachloroethane	0.13	0.80	0.02	J



1,4-Dioxane

Data Section



**QA/QC Review of Method 8270D SIM 1,4-Dioxane
Data for Alpha Analytical, SDG Number: L2467934**

**4 Ground Water Samples, 1 Field Duplicate,
and 1 Field Blank
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Geology

Hydrology

Remediation

Water Supply

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Initial Calibration: The average RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %RSD was below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %D was below the allowable maximum (20%), as required.

Blanks: The analyses of the method and field blanks reported 1,4-dioxane as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples, field blank, and equipment blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-5S.

Laboratory Control Sample: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2001184-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-7S/DUP reported 1,4-dioxane as not detected; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate and 1,4-dioxane results were within quantitation limits.

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Pesticide Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method 8081B Pesticide
Data for Alpha Analytical Labs
SDG Number: L2467934**

**8 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method, field, and equipment blanks reported target pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-5S.

Laboratory Control Sample: The relative percent differences for target pesticides were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2001430-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-7S/DUP reported target pesticides as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs were below the allowable maximum (20%) or the correlation coefficients were above the allowable minimum (0.995) for applicable pesticides on both columns, as required.

Continuing Calibration: The average %D for toxaphene was above the allowable maximum (20%) for channel B on 11-25-24 (18241125B-05). The %D for endrin aldehyde was above the allowable maximum (20%) for channel B on 11-26-24 (18241125b-39). Positive results for these pesticides should be considered estimated (J) in associated samples.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (20%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: Checked surrogate and pesticide results were within quantitation limits. The RPDs for dual column quantitation of detected pesticides were below the allowable maximum (25%), as required.

Pesticide Identification Summary for Multi-Component Analytes: The analyses of ground water samples reported target multi-component pesticides as not detected.

Calibration Verification Summary

Form 7

Pesticides

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : PEST18
 Lab File ID : 18241125b-05
 Sample No : WG2002247-3
 Channel : B

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/25/24 19:31
 Init. Calib. Date(s) : 11/04/24 11/04/24
 Init. Calib. Times : 17:40 22:30

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Toxaphene	1	1	-	0	20	161	0
toxaphene-1	0.023	0.019	-	17.4	20	129	0
toxaphene-2	0.036	0.028	-	22.2*	20	132	0
toxaphene-3	0.042	0.032	-	23.8*	20	124	0
toxaphene-4	0.039	0.031	-	20.5*	20	131	0

Average %D = 21%

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Pesticides

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Instrument ID : PEST18
 Lab File ID : 18241125b-39
 Sample No : WG2002247-4
 Channel : B

Lab Number : L2467934
 Project Number : 20116
 Calibration Date : 11/26/24 02:45
 Init. Calib. Date(s) : 11/04/24 11/04/24
 Init. Calib. Times : 17:40 22:30

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	156	0
2,4,5,6-Tetrachloro-m-xyl	1.068	1.039	-	2.7	20	157	0
Hexachlorobenzene	1.166	0.979	-	16	20	143	0
alpha-BHC	1.483	1.387	-	6.5	20	142	0
gamma-BHC (lindane)	1.439	1.242	-	13.7	20	140	0
beta-BHC	0.644	0.551	-	14.4	20	142	0
delta-BHC	1.385	1.248	-	9.9	20	137	0
Heptachlor	1.324	1.15	-	13.1	20	134	0
Aldrin	1.229	1.162	-	5.5	20	146	0
Alachlor	0.181	0.198	-	-9.4	20	178	0
Chlorpyrifos	50	52.699	-	-5.4	20	147	0
Heptachlor Epoxide	1.215	1.075	-	11.5	20	143	0
gamma-Chlordane (trans)	1.098	1.133	-	-3.2	20	166	0
alpha-Chlordane (cis)	1.235	1.094	-	11.4	20	145	0
4,4'-DDE	1.187	1.094	-	7.8	20	141	0
Endosulfan I	1.157	1.04	-	10.1	20	146	0
Dieldrin	1.166	1.161	-	0.4	20	157	0
Endrin	1.19	1.08	-	9.2	20	144	0
4,4'-DDD	0.991	0.95	-	4.1	20	152	0
Endosulfan II	1.034	0.983	-	4.9	20	152	0
4,4'-DDT	1.1	0.911	-	17.2	20	132	0
Endrin Aldehyde	50	39.528	-	20.9*	20	124	0
Methoxychlor	50	42.098	-	15.8	20	121	0
Mirex	50	47.377	-	5.2	20	139	0
Endosulfan Sulfate	1.037	0.931	-	10.2	20	144	0
Endrin Ketone	1.109	1.005	-	9.4	20	145	0
Decachlorobiphenyl	50	35.282	-	29.4*	20	104	0

* Value outside of QC limits.



PCB Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method 8082A PCB
Data for Alpha Analytical Labs
SDG Number: L2467934**

**8 Ground Water Samples, 1 Field Duplicate,
and 1 Field Blank
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method and field blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximum and percent recoveries were within QC limits for aqueous MS/MSD sample MW-5S.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for aqueous samples WG2001590-2/3.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Field Duplicates: The analyses of aqueous field duplicate pair MW-7S/DUP reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor-1260 were below the allowable maximum (20%) for both columns, as required.

PCB Identification Summary: Checked surrogate results were within quantitation limits. The analyses of the ground water samples reported target aroclors as not detected.

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PFAS

Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method 1633 PFAS Data
for Alpha Analytical Labs SDG Number: L2467934**

**4 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and Equipment Blank
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for target PFAS were within QC limits (70-130%), as required.

Blanks: The analysis of method blank reported target PFAS as not detected. The field blank contained a trace of 7:3FTCA (3.78 ng/L). Positive results for 7:3FTCA that are below the reporting limit (RL) should be reported as not detected (U) at the reporting limit in associated samples. Positive results for 7:3FTCA that are above the RL and less than ten times the highest blank level should be considered estimated, biased high (J+) in associated samples.

Surrogate Recovery: Two of twenty-four surrogate recoveries for samples MW-1S and MW-7S were above QC limits. Positive results associated with the surrogate below QC limits should be considered estimated (J) in the samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for 9 PFAS (highlighted yellow on attached Form 3) were above the allowable maximum; 1 of 2 percent recoveries (%Rs) for 3:3FTCA was above QC limits; and 1 of 2 %Rs for 13 PFAS (highlighted yellow on attached Form 3) were below QC limits, but not below 30% aqueous MS/MSD sample MW-5S. The “not detected” results for 13 PFAS with %Rs below QC limits should be considered estimated (UJ) in sample MW-5S.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for aqueous samples WG2012727-2 and WG2012727-3.

Field Duplicates: The relative percent differences for applicable PFAS were below the allowable maximum (20%) for aqueous field duplicate pair MW-7S/DUP (attached table), as required.

Compound ID: Checked detected surrogate and detected results were within LC quantitation limits.

Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Client Sample ID : **MW-5S**
 Lab Sample ID : L2467934-05
 Matrix Spike : WG2012727-4
 Matrix Spike Dup : WG2012727-5

Lab Number : L2467934
 Project Number : 20116
 Matrix (Level) : WATER ()
 Analysis Date : 12/23/24 22:57
 MS Analysis Date : 12/23/24 23:05
 MSD Analysis Date : 12/23/24 23:14

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
Perfluorobutanoic Acid (PFBA)	0.542J	75.2	77.4	102	72.6	77.8	106	1	70-140	30
Perfluoropentanoic Acid (PFPeA)	ND	37.6	39.3	105	36.3	39.4	109	0	65-135	30
Perfluorobutanesulfonic Acid (PFBS)	ND	16.7	14.7	88	16.1	16.1	100	9	60-145	30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	70.5	66.4	94	68	70.5	104	6	70-145	30
Perfluorohexanoic Acid (PFHxA)	0.346J	18.8	19.9	104	18.1	21.3	115	7	70-145	30
Perfluoropentanesulfonic Acid (PFPeS)	ND	17.7	16.6	94	17	18.1	106	9	65-140	30
Perfluoroheptanoic Acid (PFHpA)	ND	18.8	20.2	107	18.1	19.2	106	5	70-150	30
Perfluorohexanesulfonic Acid (PFHxS)	0.754J	17.2	16.1	89	16.6	16.4	94	2	65-145	30
Perfluorooctanoic Acid (PFOA)	1.26J	18.8	19.3	96	18.1	20.0	103	4	70-150	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	71.5	69.8	98	69	76.1	110	9	65-155	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	17.9	20.1	112	17.3	20.4	118	1	70-150	30
Perfluorononanoic Acid (PFNA)	ND	18.8	17.6	94	18.1	19.0	105	8	70-150	30
Perfluorooctanesulfonic Acid (PFOS)	1.40J	17.4	14.8	77	16.8	16.4	89	10	55-150	30
Perfluorodecanoic Acid (PFDA)	ND	18.8	14.3	76	18.1	16.4	90	14	70-140	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	ND	72.2	54.2	75	69.7	66.5	96	20	60-150	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Client Sample ID : **MW-5S**
 Lab Sample ID : L2467934-05
 Matrix Spike : WG2012727-4
 Matrix Spike Dup : WG2012727-5

Lab Number : L2467934
 Project Number : 20116
 Matrix (Level) : WATER ()
 Analysis Date : 12/23/24 22:57
 MS Analysis Date : 12/23/24 23:05
 MSD Analysis Date : 12/23/24 23:14

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			%R	Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)			Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
ic Acid (8:2FTS)											
Perfluorononanesulfonic Acid (PFNS)	ND	18.1	10.2	56	Q	17.5	12.8	73	23	65-145	30
N-Methyl Perfluorooctanesulfonamide doacetic Acid (NMeFOSAA)	ND	18.8	9.92	53		18.1	16.7	92	51	Q	50-140
Perfluoroundecanoic Acid (PFUnA)	ND	18.8	10.3	55	Q	18.1	15.5	85	40	Q	70-145
Perfluorodecanesulfonic Acid (PFDS)	ND	18.1	7.51	41	Q	17.5	11.7	67	44	Q	60-145
Perfluorooctanesulfonamide (PFOSA)	ND	18.8	10.3	55	Q	18.1	14.4	79	33	Q	70-145
N-Ethyl Perfluorooctanesulfonamide oacetic Acid (NEtFOSAA)	ND	18.8	13.9	74		18.1	16.2	89	15	70-145	30
Perfluorododecanoic Acid (PFDoA)	ND	18.8	10.2	54	Q	18.1	14.4	79	34	Q	70-140
Perfluorotridecanoic Acid (PFTrDA)	ND	18.8	9.75	52	Q	18.1	14.4	79	39	Q	65-140
Perfluorotetradecanoic Acid (PFTeDA)	ND	18.8	10.8	57	Q	18.1	13.6	75	23	60-140	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	75.2	75.6	101		72.6	79.7	110	5	70-140	30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	71.1	78.8	111		68.6	68.7	100	14	65-145	30
Perfluorododecanesulfonic Acid	ND	18.3	7.87	43	Q	17.6	10.4	59	28	50-145	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Client Sample ID : **MW-5S**
 Lab Sample ID : L2467934-05
 Matrix Spike : WG2012727-4
 Matrix Spike Dup : WG2012727-5

Lab Number : L2467934
 Project Number : 20116
 Matrix (Level) : WATER ()
 Analysis Date : 12/23/24 22:57
 MS Analysis Date : 12/23/24 23:05
 MSD Analysis Date : 12/23/24 23:14

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
(PFDoS)										
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	70.2	54.6	78	67.7	69.5	103	24	70-155	30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	70.9	36.8	52 Q	68.4	53.0	77	36 Q	55-160	30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)										
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	18.8	10.2	54 Q	18.1	13.1	72	25	60-150	30
N-Methyl Perfluorooctanesulfonamide Ethanol (NMeFOSE)										
N-Ethyl Perfluorooctanesulfonamide Ethanol (NEtFOSE)	ND	188	95.3	51 Q	181	146	80	42 Q	70-145	30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)										
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	37.6	39.2	104	36.3	41.4	114	5	55-140	30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)										
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	37.6	43.6	116	36.3	42.2	116	3	50-150	30
3-Perfluoropropyl Propanoic Acid	ND	94	117	124	90.7	123	136 Q	5	65-130	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Client Sample ID : **MW-5S**
 Lab Sample ID : L2467934-05
 Matrix Spike : WG2012727-4
 Matrix Spike Dup : WG2012727-5

Lab Number : L2467934
 Project Number : 20116
 Matrix (Level) : WATER ()
 Analysis Date : 12/23/24 22:57
 MS Analysis Date : 12/23/24 23:05
 MSD Analysis Date : 12/23/24 23:14

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
(3:3FTCA)										
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	470	487	104	454	454	100	7	70-135	30
(7:3FTCA)										
3-Perfluoroheptyl Propanoic Acid	ND	470	282	60	454	312	69	10	50-145	30



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: Alpha Geoscience
Project Name: HUNTINGTON READY MIXED

Lab Number: L2467934
Project Number: 20116
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1	S2	S3	S4	S5	S6	S7
	0	0	0	0	0	0	0
MW-1S (L2467934-01)	72	85	90	228*	101	124	93
MW-5S (L2467934-05)	95	103	98	99	96	117	95
MW-7S (L2467934-07)	88	85	90	203*	98	110	86
MW-8S (L2467934-08)	66	61	64	128	61	82	61
DUP (L2467934-09)	69	67	67	148	70	84	67
FIELD BLANK (L2467934-10)	86	91	85	77	83	102	80
WG2012727-1BLANK	97	99	101	92	85	95	99
WG2012727-2LCS	85	93	90	83	80	74	87
WG2012727-3LCS	92	99	94	90	85	83	101
MW-5SMS	90	97	95	97	87	88	94
MW-5SMSD	94	89	104	104	82	87	95

QC LIMITS

(5-130) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
 (40-130) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
 (40-135) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
 (40-200) S4 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]HEXANESULFONIC ACID (M2-4:2FTS)
 (40-130) S5 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
 (40-130) S6 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
 (40-130) S7 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)

* Values outside of QC limits

FORM II A2-NY-1633



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: Alpha Geoscience
Project Name: HUNTINGTON READY MIXED

Lab Number: L2467934
Project Number: 20116
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8	S9	S10	S11	S12	S13	S14
	0	0	0	0	0	0	0
MW-1S (L2467934-01)	67	349*	84	79	80	202	107
MW-5S (L2467934-05)	91	98	89	84	82	62	69
MW-7S (L2467934-07)	76	203*	86	88	85	110	86
MW-8S (L2467934-08)	56	111	61	64	62	64	60
DUP (L2467934-09)	58	147	61	63	68	75	60
FIELD BLANK (L2467934-10)	91	76	82	84	76	55	67
WG2012727-1BLANK	91	92	87	99	91	72	79
WG2012727-2LCS	87	78	84	79	86	61	68
WG2012727-3LCS	101	88	97	94	92	66	75
MW-5SMS	89	93	87	79	75	57	61
MW-5SMSD	98	96	94	83	86	62	64

QC LIMITS

(40-130) S8 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)
 (40-200) S9 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
 (40-130) S10 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
 (40-130) S11 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
 (40-130) S12 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
 (40-300) S13 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
 (40-170) S14 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)

* Values outside of QC limits

FORM II A2-NY-1633 (Continued)



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: Alpha Geoscience
Project Name: HUNTINGTON READY MIXED

Lab Number: L2467934
Project Number: 20116
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15	S16	S17	S18	S19	S20	S21
	0	0	0	0	0	0	0
MW-1S (L2467934-01)	74	76	85	68	59	100	56
MW-5S (L2467934-05)	78	74	58	69	65	104	55
MW-7S (L2467934-07)	80	63	67	70	60	93	64
MW-8S (L2467934-08)	69	52	52	56	46	61	51
DUP (L2467934-09)	61	54	49	56	49	74	51
FIELD BLANK (L2467934-10)	80	80	56	68	63	87	70
WG2012727-1BLANK	87	91	63	85	81	92	49
WG2012727-2LCS	83	80	63	78	73	84	55
WG2012727-3LCS	81	90	65	77	78	97	64
MW-5SMS	70	70	47	65	60	101	70
MW-5SMSD	77	73	54	68	67	92	65

QC LIMITS

(30-130) S15 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)
 (40-130) S16 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
 (25-135) S17 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
 (10-130) S18 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
 (10-130) S19 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)
 (40-130) S20 = 2,3,3,3-TETRAFLUORO-2-[1,1,2,2,3,3,3-HEPTAFLUOROPROPOXY]-13C3-PROPANOIC ACID (M3HFPO-DA)
 (10-130) S21 = N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDE (D3-NMEFOSA)

* Values outside of QC limits

FORM II A2-NY-1633 (Continued)



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: Alpha Geoscience
Project Name: HUNTINGTON READY MIXED

Lab Number: L2467934
Project Number: 20116
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S22 0	S23 0	S24 0	S25 0	S26 0	S27 0	S28 0	TOT OUT
MW-1S (L2467934-01)	53	61	57	--	--	--	--	2
MW-5S (L2467934-05)	62	80	81	--	--	--	--	0
MW-7S (L2467934-07)	63	76	76	--	--	--	--	2
MW-8S (L2467934-08)	55	62	62	--	--	--	--	0
DUP (L2467934-09)	52	59	60	--	--	--	--	0
FIELD BLANK (L2467934-10)	75	86	85	--	--	--	--	0
WG2012727-1BLANK	50	85	83	--	--	--	--	0
WG2012727-2LCS	60	84	85	--	--	--	--	0
WG2012727-3LCS	70	95	95	--	--	--	--	0
MW-5SMS	67	79	77	--	--	--	--	0
MW-5SMSD	62	78	76	--	--	--	--	0

QC LIMITS

(10-130) S22 = N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDE (D5-NETFOSA)
 (10-130) S23 = 2-(N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D7-NMEFOSE)
 (10-130) S24 = 2-(N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D9-NETFOSA)

* Values outside of QC limits

FORM II A2-NY-1633 (Continued)



Herbicide Data Section



**QA/QC Review of 8151 Herbicide
Data for Alpha Analytical Labs
SDG Number: L2467934**

**8 Ground Water Samples, 1 Field Duplicate,
and 1 Field Blank
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Geology

Hydrology

Remediation

Water Supply

Holding Times: The samples were extracted and analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported target herbicides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples and field blank.

Matrix Spike/Matrix Spike Duplicate: The percent recoveries for target herbicides were within QC limits, but the relative percent differences for target herbicides were above the allowable maximum for aqueous MS/MSD sample MW-5S. Sample MW-5S reported these compounds as “not detected”; therefore, no action is taken.

Laboratory Control Sample: The relative percent differences for target herbicides were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2000586-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-7S/DUP reported target herbicides as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The %RSDs for target herbicides were below the allowable maximum (20%) for both columns, as required.

Continuing Calibration: The %Ds for target herbicides were below the allowable maximum (15%) for both channels, as required.

Herbicide Identification Summary: Checked surrogates were within GC quantitation limits. The analyses of ground water samples reported target herbicides as not detected.

Matrix Spike Sample Summary

Form 3

Pesticides

Client	: Alpha Geoscience	Lab Number	: L2467934
Project Name	: HUNTINGTON READY MIXED	Project Number	: 20116
Client Sample ID	: MW-5S	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2467934-05	Analysis Date	: 11/23/24 13:33
Matrix Spike	: WG2000586-4	MS Analysis Date	: 11/23/24 13:51
Matrix Spike Dup	: WG2000586-5	MSD Analysis Date	: 11/23/24 14:10

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
2,4-D	ND	5	3.63J	73	5	2.60J	52	33 Q	30-150	25
2,4,5-T	ND	5	3.94	79	5	2.88	58	31 Q	30-150	25
2,4,5-TP (Silvex)	ND	5	3.56	71	5	2.56	51	33 Q	30-150	25



Metals Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of TAL Metals Data
for Alpha Analytical Labs
SDG Number: L2467934**

**8 Ground Water Samples, 1 Field Duplicate,
and 1 Field Blank
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration, method, and total field blanks reported target metals as either not detected or below the reporting limits, as required.

The dissolved field blank contained calcium (0.148 mg/L) and sodium (0.743 mg/L). Positive results for calcium and sodium that are less than 5 times the field blank level should be reported as not detected (U) in associated dissolved aqueous samples.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: One of two percent recoveries (%Rs) for iron was above control limits (75-125%) for aqueous dissolved spike sample MW-5S. Positive results for dissolved iron should be considered estimated, biased high (J+) in associated dissolved aqueous samples.

Two of two percent recoveries for antimony were below control limits (75-125%), but not below 30% for aqueous total spike sample MW-5S. Positive results for total antimony should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated total aqueous samples.

Laboratory Duplicates: The relative percent differences for applicable metals were below the allowable maximum (20%) for aqueous total and dissolved duplicate sample MW-5S, as required.

Field Duplicates: The relative percent differences for applicable metals were below the allowable maximum (20%) for aqueous total and dissolved field duplicate pair MW-7S/DUP (attached table), as required.

Laboratory Control Sample: The percent recoveries for target metals were within control limits (80-120%) for aqueous total samples WG2002206-2 and WG2002207-2, and aqueous dissolved samples WG2002010-2 and WG2002013-2.

Serial Dilution: The %D for calcium was below the allowable maximum (10%) for aqueous total serial dilution sample MW-5S, as required.

The %D for calcium was above the allowable maximum (10%) for aqueous dissolved serial dilution sample MW-5S. Positive results for calcium that are above the RL should be considered estimated (J) in associated aqueous dissolved samples.

Total vs Dissolved: The dissolved results for manganese were greater than the total results plus 10% for samples MW-1S, MW-5S. The dissolved result for copper was greater than the total result plus 10% for sample MW-2S. Positive results for total and dissolved metals should be considered estimated (J) in the samples.

Form 5a Matrix Spike

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Client Sample ID : **MW-5S**
 Lab Sample ID : L2467934-05
 Matrix Spike : WG2002206-3
 Matrix Spike Dup : WG2002206-4

Lab Number : L2467934
 Project Number : 20116
 Matrix : WATER
 MS Analysis Date : 11/26/24 18:04
 MSD Analysis Date : 11/26/24 18:09

Parameter	Sample Conc. (mg/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R			
Aluminum, Total	0.0306	2	1.99	98	2	2.01	99	1	75-125	20
Antimony, Total	0.00125J	0.5	0.3523	70 Q	0.5	0.3582	72 Q	2	75-125	20
Arsenic, Total	ND	0.12	0.1177	98	0.12	0.1129	94	4	75-125	20
Barium, Total	0.00344	2	2.016	101	2	2.020	101	0	75-125	20
Beryllium, Total	0.00015J	0.05	0.04860	97	0.05	0.04660	93	4	75-125	20
Cadmium, Total	0.00007J	0.053	0.05057	95	0.053	0.04811	91	5	75-125	20
Chromium, Total	0.00043J	0.2	0.2017	101	0.2	0.1974	99	2	75-125	20
Cobalt, Total	ND	0.5	0.5208	104	0.5	0.4999	100	4	75-125	20
Copper, Total	ND	0.25	0.2659	106	0.25	0.2561	102	4	75-125	20
Iron, Total	0.0361J	1	1.11	111	1	1.07	107	4	75-125	20
Lead, Total	ND	0.53	0.5164	97	0.53	0.4978	94	4	75-125	20
Magnesium, Total	0.813	10	10.6	98	10	9.81	90	8	75-125	20
Manganese, Total	0.01271	0.5	0.5252	102	0.5	0.5023	98	4	75-125	20
Nickel, Total	0.00072J	0.5	0.5166	103	0.5	0.5060	101	2	75-125	20
Selenium, Total	ND	0.12	0.116	97	0.12	0.112	93	4	75-125	20
Silver, Total	ND	0.05	0.04379	88	0.05	0.04276	86	2	75-125	20
Sodium, Total	4.76	10	14.7	99	10	13.8	90	6	75-125	20
Thallium, Total	ND	0.12	0.1219	102	0.12	0.1181	98	3	75-125	20
Vanadium, Total	ND	0.5	0.4880	98	0.5	0.4673	93	4	75-125	20
Zinc, Total	ND	0.5	0.5086	102	0.5	0.4952	99	3	75-125	20



Form 5a Matrix Spike

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIXED
 Client Sample ID : **MW-5S**
 Lab Sample ID : L2467934-05
 Matrix Spike : WG2002010-3
 Matrix Spike Dup : WG2002010-4

Lab Number : L2467934
 Project Number : 20116
 Matrix : WATER
 MS Analysis Date : 12/03/24 19:14
 MSD Analysis Date : 12/03/24 19:19

Parameter	Sample Conc. (mg/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R			
Aluminum, Dissolved	0.0285	2	2.13	105	2	2.08	102	2	75-125	20
Antimony, Dissolved	0.00066J	0.5	0.4374	87	0.5	0.4476	90	2	75-125	20
Arsenic, Dissolved	0.00016J	0.12	0.1311	109	0.12	0.1249	104	5	75-125	20
Barium, Dissolved	0.00338	2	2.114	106	2	2.061	103	3	75-125	20
Beryllium, Dissolved	0.00012J	0.05	0.05218	104	0.05	0.04980	100	5	75-125	20
Cadmium, Dissolved	0.00009J	0.053	0.05322	100	0.053	0.05116	96	4	75-125	20
Calcium, Dissolved	3.48	10	14.3	108	10	13.1	96	9	75-125	20
Chromium, Dissolved	0.00041J	0.2	0.2220	111	0.2	0.2161	108	3	75-125	20
Cobalt, Dissolved	ND	0.5	0.5666	113	0.5	0.5638	113	0	75-125	20
Copper, Dissolved	0.00060J	0.25	0.2829	113	0.25	0.2746	110	3	75-125	20
Iron, Dissolved	0.0407J	1	1.27	127 Q	1	1.20	120	6	75-125	20
Lead, Dissolved	ND	0.53	0.5265	99	0.53	0.5259	99	0	75-125	20
Magnesium, Dissolved	0.884	10	11.6	107	10	11.5	106	1	75-125	20
Manganese, Dissolved	0.01409	0.5	0.6005	117	0.5	0.5745	112	4	75-125	20
Nickel, Dissolved	ND	0.5	0.5519	110	0.5	0.5365	107	3	75-125	20
Potassium, Dissolved	0.728	10	12.3	116	10	11.6	109	6	75-125	20
Selenium, Dissolved	ND	0.12	0.127	106	0.12	0.132	110	4	75-125	20
Silver, Dissolved	ND	0.05	0.05019	100	0.05	0.04909	98	2	75-125	20
Sodium, Dissolved	5.06	10	15.8	107	10	15.6	105	1	75-125	20
Thallium, Dissolved	ND	0.12	0.1203	100	0.12	0.1197	100	1	75-125	20
Vanadium, Dissolved	ND	0.5	0.5505	110	0.5	0.5291	106	4	75-125	20
Zinc, Dissolved	ND	0.5	0.5425	108	0.5	0.5332	107	2	75-125	20



Form 8 Serial Dilutions

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIXED
Client Sample ID : **MW-5S**
Lab Sample ID : L2467934-05
Serial Dilution ID : WG2002010-6

Lab Number : L2467934
Project Number : 20116
Matrix : WATER
Analysis Date : 12/03/24 19:10
Analysis Date : 12/03/24 19:28

Parameter	Initial Sample Result (mg/l)	Serial Dilution Result (mg/l)	% Difference	%D Limit
Calcium, Dissolved	3.48	3.11	11	20

General Chemistry

Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Alkalinity Data for
Alpha Analytical Labs, SDG Number: L2467934**

**8 Ground Water Samples and 1 Field Duplicate
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analyses of the method blanks reported carbonate and bicarbonate alkalinity as not detected.

Laboratory Duplicates: The relative percent difference for bicarbonate alkalinity was below the allowable maximum (20%) for aqueous duplicate sample MW-4D, as required.

Field Duplicates: The relative percent difference for bicarbonate alkalinity was below the allowable maximum (20%) for aqueous field duplicate pair MW-7S/DUP (attached table), as required.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Iodide Data for
Alpha Analytical Labs, SDG Number: L2467934**

**8 Ground Water Samples and 1 Field Duplicate
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported iodide as not detected.

Spike Sample Recovery: The percent recoveries for iodide were within acceptance limits (75-125%) for aqueous MS/MSD sample MW-6D.

Laboratory Duplicates: The relative percent difference for iodide was below the allowable maximum (20%) for aqueous MS/MSD sample MW-6D, as required.

Field Duplicates: The analyses of aqueous field duplicate pair MW-7S/DUP reported iodide as not detected; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Laboratory Control Sample: The percent recovery for iodide was within laboratory QC limits (80-120%) for aqueous sample 3761073.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Ion Chromatography Data* for
Alpha Analytical Labs, SDG Number: L2467934**

**8 Ground Water Samples and 1 Field Duplicate
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported target analytes as either not detected or below the RLs.

Spike Sample Recovery: The percent recoveries for target analytes were within acceptable limits (75-125%) for the spike samples MW-2S.

Laboratory Duplicates: The relative percent differences for applicable analytes were below the allowable maximum (20%) for aqueous duplicate samples MW-2S, as required.

Field Duplicates: The relative percent differences for applicable target analytes were below the allowable maximum (20%) for aqueous field duplicate pair MW-7S/DUP (attached table), as required.

Laboratory Control Sample: The percent recoveries for target analytes were within laboratory QC limits (90-110%) for aqueous samples WG2000808-6 and WG2001300-2.

* ion chromatography includes bromide, chloride, fluoride, and sulfate.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Ammonia Data for
Alpha Analytical Labs, SDG Number: L2467934**

**8 Ground Water Samples and 1 Field Duplicate
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analyses of the method blanks reported ammonia as either below the reporting limit or not detected, as required.

Spike Sample Recovery: The percent recoveries for ammonia were within acceptable limits (75-125%) for aqueous batch spike samples L2467901-04 and L2467901-05.

Laboratory Duplicates: The analyses of aqueous batch duplicate samples WG2002511-03 and WG2002511-5.

Field Duplicates: The relative percent difference for ammonia was above the allowable maximum (20%) for aqueous field duplicate pair MW-7S/DUP (attached table). Positive results for ammonia should be considered estimated (J) in samples MW-7S and DUP.

Laboratory Control Sample: The percent recovery for ammonia was within laboratory QC limits (90-110%) for aqueous sample WG2002511-2.



Geology

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Remediation

Water Supply

**QA/QC Review of Nitrate/Nitrite Data for
Alpha Analytical Labs, SDG Number: L2467934**

**8 Ground Water Samples and 1 Field Duplicate
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analyses of the method blanks reported nitrate/nitrite as not detected.

Spike Sample Recovery: The percent recovery for nitrate/nitrite was within acceptable limits (75-125%) for aqueous batch spike sample L2467831-02.

Laboratory Duplicates: The analysis of aqueous batch duplicate sample WG2002312-3.

Field Duplicates: The relative percent difference for nitrate/nitrite was below the allowable maximum (20%) for aqueous field duplicate pair MW-7S/DUP (attached table), as required.

Laboratory Control Sample: The percent recovery for nitrate/nitrite was within laboratory QC limits (90-110%) for aqueous sample WG2002312-2.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Phosphate Data for
Alpha Analytical Labs, SDG Number: L2467934**

**8 Ground Water Samples and 1 Field Duplicate
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analyses of the method blanks reported phosphate as not detected.

Spike Sample Recovery: The percent recovery for phosphate was within acceptable limits (75-125%) for aqueous batch spike sample L2467811-03.

Laboratory Duplicates: The relative percent difference for phosphate was below the allowable maximum (20%) for aqueous batch duplicate sample WG2000294-3, as required.

Field Duplicates: The analyses of aqueous field duplicate pair MW-7S/DUP reported phosphate as not detected; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Laboratory Control Sample: The percent recovery for phosphate within laboratory QC limits (84-118%) for aqueous sample WG2000294-2.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Sulfide Data for
Alpha Analytical Labs, SDG Number: L2467934**

**8 Ground Water Samples and 1 Field Duplicate
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: All samples were analyzed beyond USEPA SW 846 holding times. The “not detected” results for all samples should be considered estimated (UJ).

Blanks: The analysis of the method blank reported sulfide as not detected.

Field Duplicates: The analyses of aqueous field duplicate pair MW-7S/DUP reported sulfide as not detected; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Laboratory Control Sample: The relative percent difference for sulfide was above the allowable maximum (20%) and the percent recoveries were within laboratory QC limits (79.7-122%) for aqueous samples B393206-BS1/BSD1.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Total Kjeldahl Nitrogen Data (TKN) for
Alpha Analytical Labs, SDG Number: L2467934**

**8 Ground Water Samples and 1 Field Duplicate
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported TKN as either not detected or below the RL.

Spike Sample Recovery: The percent recovery for TKN was within acceptable limits (75-125%) for aqueous batch spike sample L2468038-05.

Laboratory Duplicates: The relative percent difference for TKN was below the allowable maximum (20%) for aqueous batch duplicate sample WG2002509-3, as required.

Field Duplicates: The relative percent difference for TKN was above the allowable maximum (20%) for aqueous field duplicate pair MW-7S/DUP (attached table). Positive results for TKN should be considered estimated (J) in samples MW-7S and DUP.

Laboratory Control Sample: The percent recovery for TKN was within laboratory QC limits (78-122%) for aqueous sample WG2002509-2.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Uranium Data
for Alpha Analytical Labs
SDG Number: L2467934**

**4 Ground Water Samples, 1 Field Duplicate,
and 1 Field Blank
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Blanks: The analyses of initial and continuing calibration, method, field, and equipment blanks reported uranium not detected.

Spike Sample Recovery: The percent recoveries for uranium were within QC limits (70-130%) for aqueous MS/MSD sample MW-5S.

Laboratory Duplicates: The relative percent difference for uranium was below the allowable maximum (20%) for aqueous MS/MSD sample MW-5S, as required.

Field Duplicates: The relative percent difference for uranium was below the allowable maximum (20%) for aqueous field duplicate pair MW-7S/DUP (attached table), as required.

Laboratory Control Sample: The percent recovery for uranium was within QC limits (85-115%) for aqueous samples R4153301-2.

TDS Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Total Dissolved Solids Data (TDS) for
Alpha Analytical Labs, SDG Number: L2467934**

**8 Ground Water Samples and 1 Field Duplicate
Collected November 18-19, 2024**

Prepared by: Donald Anné
January 17, 2025

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported TDS as not detected.

Laboratory Duplicates: The relative percent difference for TDS was below the allowable maximum (20%) for aqueous batch duplicate sample WG2000844-4.

Field Duplicates: The relative percent difference for TDS was below the allowable maximum (20%) for aqueous field duplicate pair MW-7S/DUP (attached table), as required.

Laboratory Control Sample: The percent recovery for TDS was within QC limits (80-120%) for aqueous sample WG2000844-2.

Field Duplicate Calculation Section

EPA Method 1633 PFC

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2467934

S1= MW-7S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
Perfluorobutanoic Acid (PFBA)	7.74	7.16	8%
Perfluoropentanoic Acid (PFPeA)	9.82	9.44	4%
Perfluorobutanesulfonic Acid (PFBS)	2.6	2.38	9%
Perfluorohexanoic Acid (PFHxA)	9.46	9.84	4%
Perfluoropentanesulfonic Acid (PFPeS)	1.18	1.18	NC
Perfluoroheptanoic Acid (PFHpA)	7.88	7	12%
Perfluorohexanesulfonic Acid (PFHxS)	7.03	6.65	6%
Perfluorooctanoic Acid (PFOA)	19.5	19.2	2%
Perfluorononanoic Acid (PFNA)	1.02	0.88	NC
Perfluorooctanesulfonic Acid (PFOS)	3.78	3.7	2%

* RPD is above the allowable maximum (20%)

All results are in ng/L.

Bold numbers were values that below the CRQL or above the high standard.

ND - Not detected.

NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

Radio Chemistries

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2467934

S1= MW-7S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
Radium-226	0.119	0.398	108%	*
Radium-228	1.93	1.18	48%	*
Thorium-228	-0.064	0.11	NC	
Thorium-230	-0.003	-0.007	NC	
Thorium-232	-0.008	-0.015	NC	

* RPD is above the allowable maximum 20%.

Results are in units of pCi/L.

Bold numbers were values that are below the RL.

ND - Not detected.

NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

General Chemistries

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2467934

S1= MW-7S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
Total Nitrogen	2.5	2.1	17%	
Nitrogen, Total Kjeldahl	0.366	0.287	24%	*
Nitrogen, Ammonia	0.152	0.106	36%	*
Nitrogen, Nitrate/Nitrite	2.1	2.1	0%	
Solids, Total Dissolved	370	360	3%	
Alkalinity, Carbonate	ND	ND	NC	
Alkalinity, Bicarbonate	211	215	2%	
Phosphate, Total	ND	ND	NC	
Bromide	0.102	0.101	1%	
Chloride	17.3	17.5	1%	
Fluoride	ND	ND	NC	
Sulfate	78.8	78.9	0%	
Sulfide	ND	ND	NC	
Iodide	ND	ND	NC	
Uranium	0.369	0.328	12%	

* RPD is above the allowable maximum 20%.

Results are in units of mg/L with the exception of alkalinity which is reported in mg CaCO₃/L .

Bold numbers were values that are below the RL.

ND - Not detected.

NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

TAL Metals-Total

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2467934

S1= MW-7S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
aluminum	0.00407	ND	NC
antimony	ND	ND	NC
arsenic	0.00022	0.00021	NC
barium	0.09536	0.09266	3%
beryllium	ND	ND	NC
cadmium	ND	ND	NC
calcium	97.1	94	3%
chromium	0.00055	0.00055	NC
cobalt	0.00032	0.00031	NC
copper	0.00161	0.00164	2%
iron	ND	0.03	NC
lead	ND	ND	NC
magnesium	11.1	10.9	2%
manganese	0.6885	0.6709	3%
mercury	ND	ND	NC
nickel	ND	ND	NC
potassium	17.6	17.2	2%
selenium	ND	ND	NC
silver	ND	ND	NC
sodium	18.9	18.4	3%
thallium	0.00077	0.00073	NC
vanadium	ND	ND	NC
zinc	ND	ND	NC

* RPD is above the allowable maximum 20%.

All results are in units of mg/L.

Bold numbers were values that are below the CRDL.

ND - Not detected.

NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

TAL Metals-Dissolved

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2467934

S1= MW-7S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
aluminum (dissolved)	ND	ND	NC
antimony (dissolved)	ND	ND	NC
arsenic (dissolved)	0.00029	0.00036	NC
barium (dissolved)	0.08404	0.08758	4%
beryllium (dissolved)	ND	ND	NC
cadmium (dissolved)	ND	ND	NC
calcium (dissolved)	86.1	89.2	4%
chromium (dissolved)	0.00077	0.00037	NC
cobalt (dissolved)	0.00027	0.00033	NC
copper (dissolved)	0.00169	0.00147	14%
iron (dissolved)	ND	ND	NC
lead (dissolved)	ND	ND	NC
magnesium (dissolved)	10.7	11.2	5%
manganese (dissolved)	0.6321	0.6602	4%
mercury (dissolved)	ND	ND	NC
nickel (dissolved)	ND	ND	NC
potassium (dissolved)	16.8	17.4	4%
selenium (dissolved)	ND	ND	NC
silver (dissolved)	ND	ND	NC
sodium (dissolved)	17	17.5	3%
thallium (dissolved)	0.00066	0.00066	NC
vanadium (dissolved)	ND	ND	NC
zinc (dissolved)	ND	ND	NC

* RPD is above the allowable maximum 20%.

All results are in units of mg/L.

Bold numbers were values that are below the CRDL.

ND - Not detected.

NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.