

October 31, 2024

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

Re: Third 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 third 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 August 19 and 20, 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 August 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 August 19, 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 August 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 (19.5 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 August 19 and 20, 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-1S), a

field duplicate (MW-5S), trip blank (VOCs only), an equipment blank 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 August 2024 event.

Chloroform (0.76 microgram per liter [$\mu\text{g/L}$] at MW-4D) was the only VOC detected in ground water samples. This trace level of chloroform is below the NYSDEC Class “GA” water quality standards (NYSGWQS) of 7 $\mu\text{g/L}$.

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, pentachlorophenol, and phenanthrene were detected below the respective NYSGWQS. The trace concentrations reported in August 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, MW-7S and MW-8S were detected at concentrations exceeding the NYSGWQS. 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 2.83 mg/L. The NYSGWQS for ammonia is 2 mg/L. The results are consistent with previous results.

The August 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-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. 1,4-dioxane was not detected in any of the ground water samples. Several PFAS including perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were detected in the ground water samples. The maximum concentrations of PFOA (132 nanograms per Liter [ng/L]) and PFOS (40.9 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.

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The general ground water quality and the reported compounds from the August 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 November 2024. 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
Third Quarter 2024

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

Well	Measuring Point Elevation (ft msl)	Depth to Water (feet) 8/19/2024	Ground Water Elevations (feet msl) 8/19/2024	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	18.97	20.12	8/19/2024	17.9	690	9.49	-35	0.0	0.0
MW-2S	37.54	18.28	19.26	8/20/2024	16.3	565	7.26	161	9.0	0.0
MW-3S	35.40	16.48	18.92	8/20/2024	18.2	739	6.82	146	0.2	2.0
MW-4D	53.94	33.83	20.11	8/20/2024	11.8	581	5.72	224	9.6	0.0
MW-5S	53.59	33.50	20.09	8/20/2024	12.3	88	4.72	302	9.2	0.0
MW-6D	61.94	43.57	18.37	8/19/2024	13.7	954	6.07	181	0.0	0.0
MW-7S	62.02	43.62	18.40	8/19/2024	14.5	821	5.71	205	0.0	0.0
MW-8S	66.47	47.53	18.94	8/20/2024	16.2	372	6.75	135	3.1	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
Third 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-5S (Duplicate)	MW-6D	MW-7S	MW-8S	Equipme nt Blank	Field Blank	Trip Blank
			8/19/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/19/2024	8/19/2024	8/20/2024	8/20/2024	8/20/2024
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	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	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	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	1.5U
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	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	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	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	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	2.5U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ug/l	2U	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	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	0.5U
1,2-Dichloropropane	1	ug/l	1U	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	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	2.5U
1,4-Dioxane (P-Dioxane)	NS	ug/l	R	R	R	R	R	R	R	R	R	250U	250U	250U
2-Hexanone	50	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Acetone	50	ug/l	5U	5U	5U	5U	5U	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	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	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	0.5U
Bromoform	50	ug/l	2U	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	2.5U
Carbon Disulfide	NS	ug/l	5U	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	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	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	2.5U
Chloroform	7	ug/l	2.5U	2.5U	2.5U	0.76U	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	2.5U
Cis-1,2-Dichloroethylene	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	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	0.5U
Cyclohexane	NS	ug/l	10U	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	0.5U
Dichlorodifluoromethane	5	ug/l	5U	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	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	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	2.5U
Methyl Acetate	NS	ug/l	2U	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	5U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	ug/l	5U	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	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	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	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	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	2.5U
Tetrachloroethylene (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	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	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	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	0.5U
Trichloroethylene (TCE)	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	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	2.5U
Vinyl Chloride	2	ug/l	1U	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	5U	--
2,4,6-Trichlorophenol	1	ug/l	5U	5U	5U	5U	5U	5U	5U	R	5U	5U	5U	--
2,4-Dichlorophenol	5	ug/l	5U	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	5U	--
2,4-Dinitrophenol	1	ug/l	20U	20U	20U	20U	20U	20U	20U	R	20U	20U	20U	--
2,4-Dinitrotoluene	5	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U		

TABLE 2
Ground Water Analytical Results
Third 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-5S (Duplicate)	MW-6D	MW-7S	MW-8S	Equipme nt Blank	Field Blank	Trip Blank
			8/19/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/19/2024	8/19/2024	8/20/2024	8/20/2024	8/20/2024	--
Bis(2-Chloroisopropyl) Ether	NS	ug/l	2UJ	2U	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ	--
Bis(2-Ethylhexyl) Phthalate	5	ug/l	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	3U	--
Caprolactam	NS	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	--
Carbazole	NS	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
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	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	0.1U	--
Dibenzofuran	NS	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
Diethyl Phthalate	NS	ug/l	5U	1.9J	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
Dimethyl Phthalate	NS	ug/l	5U	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	5U	--
Di-N-Octylphthalate	50	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	--
Fluoranthene	50	ug/l	0.04J	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.04J	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	0.1U	--
Hexachlorobenzene	0.04	ug/l	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.8U	0.04J	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	0.5U	--
Hexachlorocyclopentadiene	5	ug/l	20UJ	20U	20UJ	20UJ	20UJ	20UJ	20UJ	20UJ	20UJ	20UJ	20UJ	--
Hexachloroethane	5	ug/l	0.8U	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	0.1U	--
Naphthalene	10	ug/l	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.08J	0.1U	--
Nitrobenzene	0.4	ug/l	2U	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	5U	--
N-Nitrosodiphenylamine	50	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--
Pentachlorophenol	1	ug/l	0.16J	0.46J	0.8U	0.8U	0.8U	0.8U	0.8U	R	0.8U	0.8U	0.8U	--
Phenanthrene	50	ug/l	0.1J	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	--
Phenol	1	ug/l	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	2.2J	--
Pyrene	50	ug/l	0.1U	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	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	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	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	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	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	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	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	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	0.071U	--
Total PCBs	0.1	ug/l	ND	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	0.014U	--
Alpha Bhc (Alpha 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	0.014U	--
Beta Bhc (Beta 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	0.014U	--
Gamma Bhc (Lindane)	0.05	ug/l	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	0.014U	--
Delta BHC (Delta 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	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	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	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	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	0.029U	--
Endosulfan Sulfate	NS	ug/l	0.029U	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	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	0.029U	--
Endrin Ketone	5	ug/l	0.029U	0.029U	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	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	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	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	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	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	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	0.143U	--
Herbicides														
2,4-D (Dichlorophenoxyacetic Acid)	50	ug/l	10U	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	2U	--
Silvex (2,4,5-TP)	0.26	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	2U	--

TABLE 2
Ground Water Analytical Results
Third 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-5S (Duplicate)	MW-6D	MW-7S	MW-8S	Equipme nt Blank	Field Blank	Trip Blank
			8/19/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/19/2024	8/19/2024	8/20/2024	8/20/2024	8/20/2024
Total Metals														
Aluminum	NS	ug/L	727	5.58J	10U	5.08J	9.54J	4.55J	25.1	3.45J	3.76J	10U	10U	--
Antimony	3	ug/L	0.48J	0.59J	0.86J	4U	4U	4U	4U	1.03J	4U	4U	4U	--
Arsenic	25	ug/L	4.78	0.27J	0.49J	0.5U	0.5U	0.5U	0.5U	0.3J	0.23J	0.5U	0.5U	--
Barium	1000	ug/L	7.8	31.19	82.09	64.82	8.33J	4.42J	56.08	95.13	38.55	0.5U	0.5U	--
Beryllium	3	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	--
Cadmium	5	ug/L	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.06J	0.2U	0.2U	0.2U	0.2U	--
Calcium	NS	ug/L	69100	106000	94100	22700	6720	6380	133000	132000	35000	100U	100U	--
Chromium, Total	50	ug/L	1U	1.14	1.42	3.39	0.18J	0.2J	0.32J	0.48J	0.75J	1U	1U	--
Cobalt	NS	ug/L	0.55	0.38J	0.71	0.5U	0.5U	0.5U	0.45J	0.33J	0.16J	0.5U	0.5U	--
Copper	200	ug/L	0.99J	2.06	2.34J	1U	1U	1U	0.91J	1.7	2.02J	1U	1U	--
Iron	300	ug/L	364	50U	50U	50U	50U	50U	39.8J	50UJ	50U	50U	50U	--
Manganese	300	ug/L	872.8J	0.51J	5.54	1.43	5.05J	5.2J	3259	379.9	2.63	0.48J	1U	--
Iron + Manganese	500	ug/L	1236.8	0.51	5.54	1.43	5.05	5.2	3298.8	379.9	2.63	0.48	ND	--
Lead	25	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	--
Magnesium	35000	ug/L	522	10000	6950	13100	1130	1180	22800	15600	3370	70U	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	0.2U	--
Nickel	100	ug/L	3.88	2U	2U	1.12J	2U	2U	2U	2U	2U	2U	2U	--
Potassium	NS	ug/L	25800	14400	31000	1410	1020	947J	28200	15100	20900	100U	100U	--
Selenium	10	ug/L	5U	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	0.4U	--
Sodium	20000	ug/L	51600	7210	37600	54800	4920	5140	34800	23800	24000	100U	100U	--
Thallium	0.5	ug/L	1U	1U	0.26J	1U	1U	1U	1U	0.57J	0.16J	1U	1U	--
Vanadium	NS	ug/L	14.99	5U	3J	5U	5U	5U	5U	5U	5U	5U	5U	--
Zinc	2000	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	--
Dissolved Metals														
Aluminum	NS	ug/L	613	10U	10U	10U	3.85J	4.9J	10U	10U	10U	--	10U	--
Antimony	3	ug/L	0.54J	0.68J	0.9J	4U	4U	4U	4U	0.64J	4U	--	4U	--
Arsenic	25	ug/L	4.23	0.19J	0.53	0.5U	0.5U	0.5U	0.2J	0.2J	0.5U	--	0.5U	--
Barium	1000	ug/L	8.05	30.78	77.6	63.49	4.6J	4.64J	54.66	89.26	38.07	--	0.5U	--
Beryllium	3	ug/L	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	--	0.5U	--
Cadmium	5	ug/L	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	--	0.2U	--
Calcium	NS	ug/L	64500	99500	90400	21600	6990	6790	128000	138000	33300	--	100U	--
Chromium, Total	50	ug/L	1U	1.11	1.46	2.13	1U	1U	1U	11.38J	1U	--	1U	--
Cobalt	NS	ug/L	0.49J	0.41J	0.62	0.5U	0.5U	0.5U	0.44J	0.54J	0.5U	--	0.5U	--
Copper	200	ug/L	0.71J	2.15	2.58J	1U	1U	1U	0.87J	1.8	2.4J	--	1U	--
Iron	300	ug/L	238	50U	50U	50U	50U	50U	50U	50.4J	50U	--	50U	--
Manganese	300	ug/L	1048J	1U	4.64	0.66J	5.90J	5.87J	3341	393	0.88J	--	1U	--
Iron + Manganese	500	ug/L	1286	ND	4.64	0.66	5.9	5.87	3341	443.4	0.88	--	ND	--
Lead	25	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	--	1U	--
Magnesium	35000	ug/L	511	9280	7090	12400	1190	1180	22000	14800	3320	--	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	3.28	2U	2U	2U	2U	2U	2U	7.02	2U	--	2U	--
Potassium	NS	ug/L	25000	13700	29200	1340	1080	1080J	27200	15000	20600	--	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	54800	6820	38000	51000	5160	5170	36200	24000	24000	--	100U	--
Thallium	0.5	ug/L	1U	1U	0.25J	1U	1U	1U	1U	0.48J	0.18J	--	1U	--
Vanadium	NS	ug/L	12.45	5U	2.95J	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 .
-"B" indicates that the analyte was detected in ana associated laboratory blank.
- "Dissolved metals" field blank represents distilled water used for decontamination. The remaining field blanks were prepared using lab-supplied analyte free water prior to sampling MW-3.
- Shaded cells indicate the value exceeds the NYS Water Quality Standard.

TABLE 3
General Chemistry Ground Water Analytical Results
Third 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-5S (Duplicate)	MW-6D	MW-7S	MW-8S
			8/19/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/20/2024	8/19/2024	8/19/2024
Volatile Organic Compounds											
Alkalinity, Bicarbonate (As CaCO3)	NS	mgcaco3/l	55.6	253	127	48.9	10.5J	14.1J	278	277	76.4
Alkalinity, Carbonate (As CaCO3)	NS	mgcaco3/l	21.2	2U	2U	2U	2U	2U	2U	2U	2U
Bromide	2	mg/l	0.121	0.05U	0.103	0.05U	0.05U	0.05U	0.148	0.117	0.075
Chloride (As Cl)	250	mg/l	49	4.44	53.2	139	8.12	8.28	60.5	25.2	24.2
Fluoride	1.5	mg/l	0.093	0.084	0.139	0.043J	0.05U	0.05U	0.044J	0.04J	0.051
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	2.83J	0.093J	0.161J	0.076J	0.03J	0.038J	1.99J	0.174J	0.169J
Nitrogen, Kjeldahl, Total	NS	mg/l	3.12J	0.346J	0.24J	0.112J	0.3U	0.109J	1.7J	0.322J	0.288J
Nitrogen, Nitrate-Nitrite	10	mg/l	0.1U	1.6	3.0	0.55	1.2	1.2	0.61	6.6	0.65
Total Nitrogen, All Forms, Calculated	NS	mg/l	3.1	1.9	3.0	0.55	1.2	1.2	2.3	6.9	0.65
Phosphorus	NS	mg/l	0.055	0.025J	0.037	0.031	0.012J	0.012J	0.058	0.022J	0.015J
Sulfate (As SO4)	250	mg/l	171	30.9	154	9.92	7.95	8.14	123	98.6	48.3
Sulfide	0.05	mg/l	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ	2UJ
Total Dissolved Solids (Residue, Filtera	NS	mg/l	390	340	470	310	38J	18J	580	530	220

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
Third 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-5S (Duplicate)	MW-7S	MW-8S	Equipment Blank	Field Blank
			8/19/2024	8/20/2024	8/20/2024	8/19/2024	8/20/2024	8/20/2024	8/20/2024
Radium-226	3	pci/l	ND (0.000±0.488)	ND (-0.0614±0.552)	ND (0.449±0.767)	ND (0.000±0.536)	ND (0.0654±0.588)	ND (0.122±0.634)	ND (-0.121±0.375)
Radium-228	3	pci/l	ND (0.419±0.333)	1.02±0.476	ND (0.294±0.302)	1.44±0.474	0.843±0.439	ND (0.621±0.401)	ND (0.563±0.404)
Thorium-228	NS	pci/l	ND (0.041±0.170)	ND (0.099±0.173)	ND (0.058±0.154)	ND (-0.073±0.119)	ND (0.010±0.135)	ND (-0.174±0.116)	ND (0.015±0.150)
Thorium-230	NS	pci/l	ND (-0.017±0.125)	ND (-0.007±0.109)	ND (-0.008±0.114)	ND (-0.014±0.102)	ND (-0.015±0.109)	ND (-0.007±0.110)	ND (0.023±0.108)
Thorium-232	NS	pci/l	ND (0.000±0.125)	ND (0.000±0.109)	ND (0.000±0.114)	ND (0.021±0.102)	ND (0.000±0.109)	ND (0.000±0.110)	ND (0.000±0.108)
Uranium-238	20	ug/l	0.11J	1U	1U	0.57J	1U	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 reporting limit (RL).

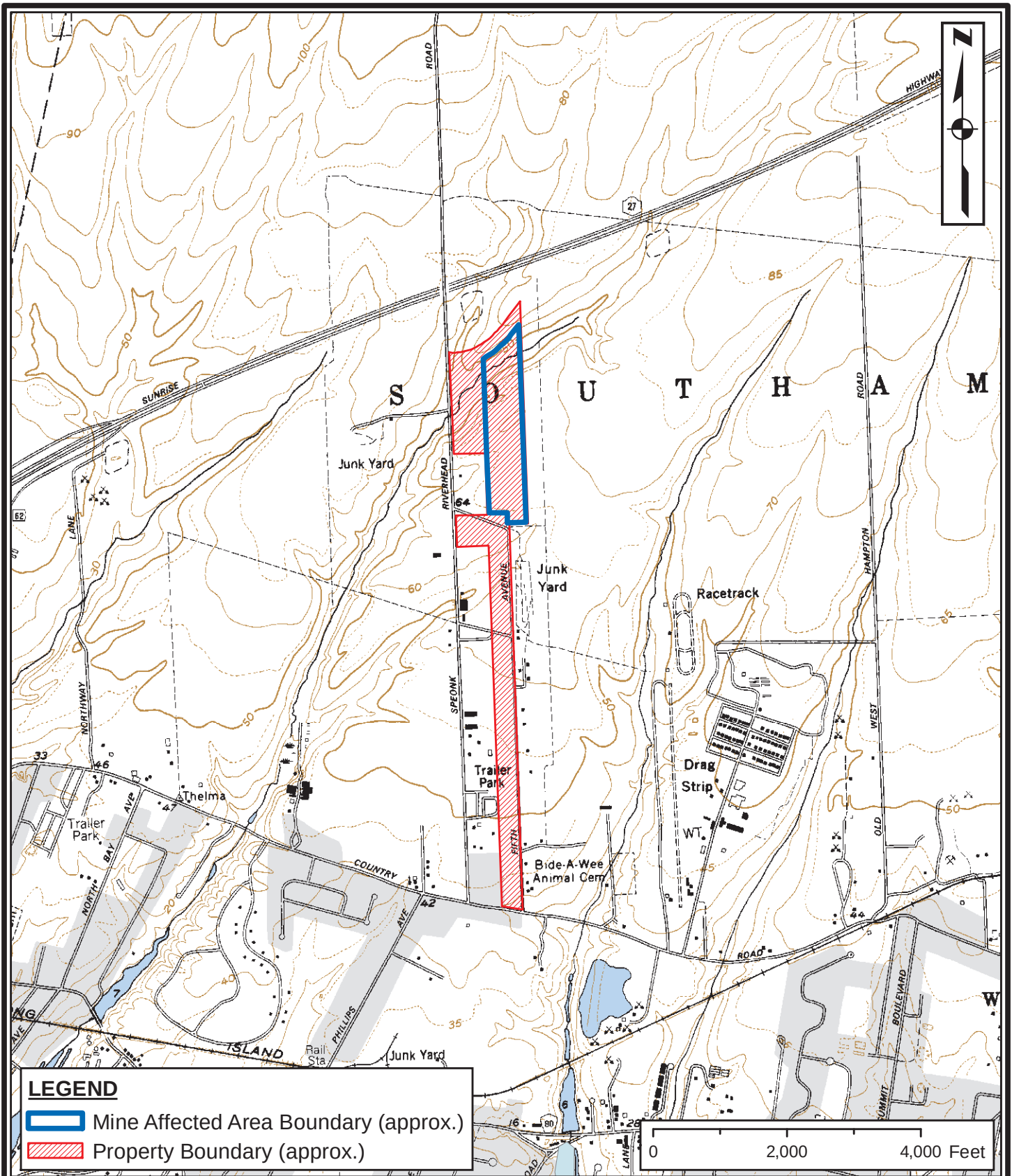
TABLE 5
Emerging Contaminants in Ground Water Analytical Results
Third Quarter 2024

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

Analyte	NYSDEC Water Quality (Class GA) Standard	Units	MW-1S	MW-5S	MW-5S (Duplicate)	MW-7S	MW-8S	Equipment Blank	Field Blank
			8/19/2024	8/20/2024	8/20/2024	8/19/2024	8/20/2024	8/20/2024	8/20/2024
1,4-Dioxane									
1,4-Dioxane	0.35	ug/L	0.144U	0.144U	0.144U	0.144U	0.144U	0.144U	0.144U
Per- and Polyfluoroalkyl Substances (PFAS)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NS	ng/l	5.75U	6.01U	6.09U	5.7U	6.12U	6.47U	6.22U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NS	ng/l	5.75U	6.01U	6.09U	5.7U	6.12U	6.47U	6.22U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NS	ng/l	4.93J	6.01U	6.09U	5.7U	6.12U	6.47U	6.22U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2Fts)	NS	ng/l	5.75U	6.01U	6.09U	5.7U	6.12U	6.47U	6.22U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NS	ng/l	35.9U	37.5U	38U	35.6U	38.3U	40.5U	38.9U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NS	ng/l	35.9U	37.5U	38U	35.6U	38.3U	40.5U	38.9U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NS	ng/l	7.19U	7.51U	7.61U	7.12U	7.65U	8.09U	7.78U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	ng/l	5.75U	6.01U	6.09U	5.7U	6.12U	6.47U	6.22U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NS	ng/l	5.75U	6.01U	6.09U	5.7U	6.12U	6.47U	6.22U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NS	ng/l	5.75U	6.01U	6.09U	5.7U	6.12U	6.47U	6.22U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NS	ng/l	1.44U	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	ng/l	1.18J	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NS	ng/l	14.4U	15U	15.2U	14.2U	15.3U	16.2U	15.6U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NS	ng/l	1.44U	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	ng/l	1.64	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NS	ng/l	14.4U	15U	15.2U	14.2U	15.3U	16.2U	15.6U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	ng/l	2.87U	3U	3.04U	2.85U	3.06U	3.24U	3.11U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NS	ng/l	2.87U	3U	3.04U	2.85U	3.06U	3.24U	3.11U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	ng/l	2.87U	3U	3.04U	2.85U	3.06U	3.24U	3.11U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	ng/l	2.87U	3U	3.04U	2.85U	3.06U	3.24U	3.11U
Perfluorobutanesulfonic acid (PFBS)	NS	ng/l	4.03	1.5U	0.518J	3.53	2.39	1.62U	1.56U
Perfluorobutanoic Acid	NS	ng/l	9.35	1.21J	1.22J	10.2	7.26	6.47U	6.22U
Perfluorodecanesulfonic acid (PFDS)	NS	ng/l	1.44U	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
Perfluorodecanoic acid (PFDA)	NS	ng/l	4.27	1.5U	1.52U	1.42U	0.934J	1.62U	1.56U
Perfluorododecanesulfonic acid (PFDoS)	NS	ng/l	1.44U	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
Perfluorododecanoic acid (PFDoA)	NS	ng/l	1.44U	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
Perfluoroheptanesulfonic acid (PFHpS)	NS	ng/l	1.27J	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
Perfluoroheptanoic acid (PFHpA)	NS	ng/l	14.4	1.16J	1.23J	11.9	9.02	1.62U	1.56U
Perfluorohexanesulfonic acid (PFHxS)	NS	ng/l	14.8	1.31J	1.46J	14.4	6.54	1.62U	1.56U
Perfluorohexanoic acid (PFHxA)	NS	ng/l	16.1	1.64	1.46J	11.2	9.87	1.62U	1.56U
Perfluorononanesulfonic Acid (PFNS)	NS	ng/l	1.44U	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
Perfluorononanoic acid (PFNA)	NS	ng/l	5.76	1.5U	1.52U	1.17J	2.37	1.62U	1.56U
Perfluorooctane Sulfonamide (PFOSA)	NS	ng/l	2.08	1.5U	1.52U	1.42U	0.765JF	1.62U	1.56U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/l	40.9	2.19	2.25	4.92	10.9	1.62U	1.56U
Perfluorooctanoic acid (PFOA)	6.7	ng/l	132	2.12	2.08	25.7	32.8	1.62U	1.56U
Perfluoropentanesulfonic Acid (PFPeS)	NS	ng/l	1.12J	1.5U	1.52U	1.89	0.674J	1.62U	1.56U
Perfluoropentanoic Acid (PFPeA)	NS	ng/l	21.4	1.55J	1.59J	11.9	9.17	3.24U	3.11U
Perfluorotetradecanoic acid (PFTeDA)	NS	ng/l	1.44U	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
Perfluorotridecanoic Acid (PFTriA/PFTTrDA)	NS	ng/l	1.44U	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U
Perfluoroundecanoic Acid (PFUnA)	NS	ng/l	1.44U	1.5U	1.52U	1.42U	1.53U	1.62U	1.56U

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.

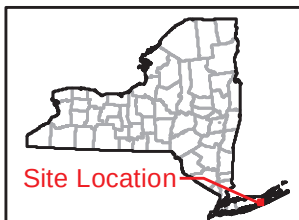
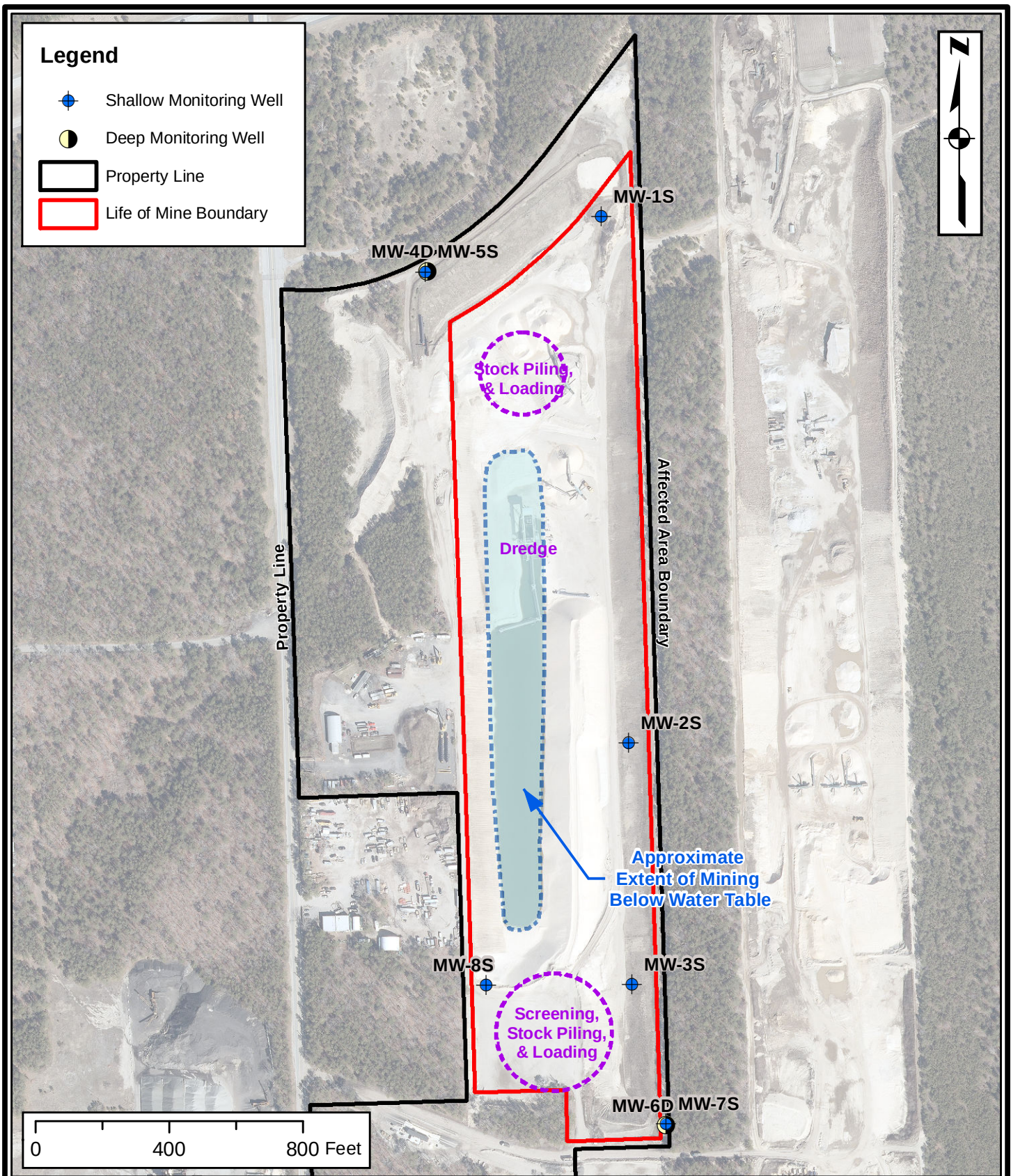


FIGURE 1
Site Location Map

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



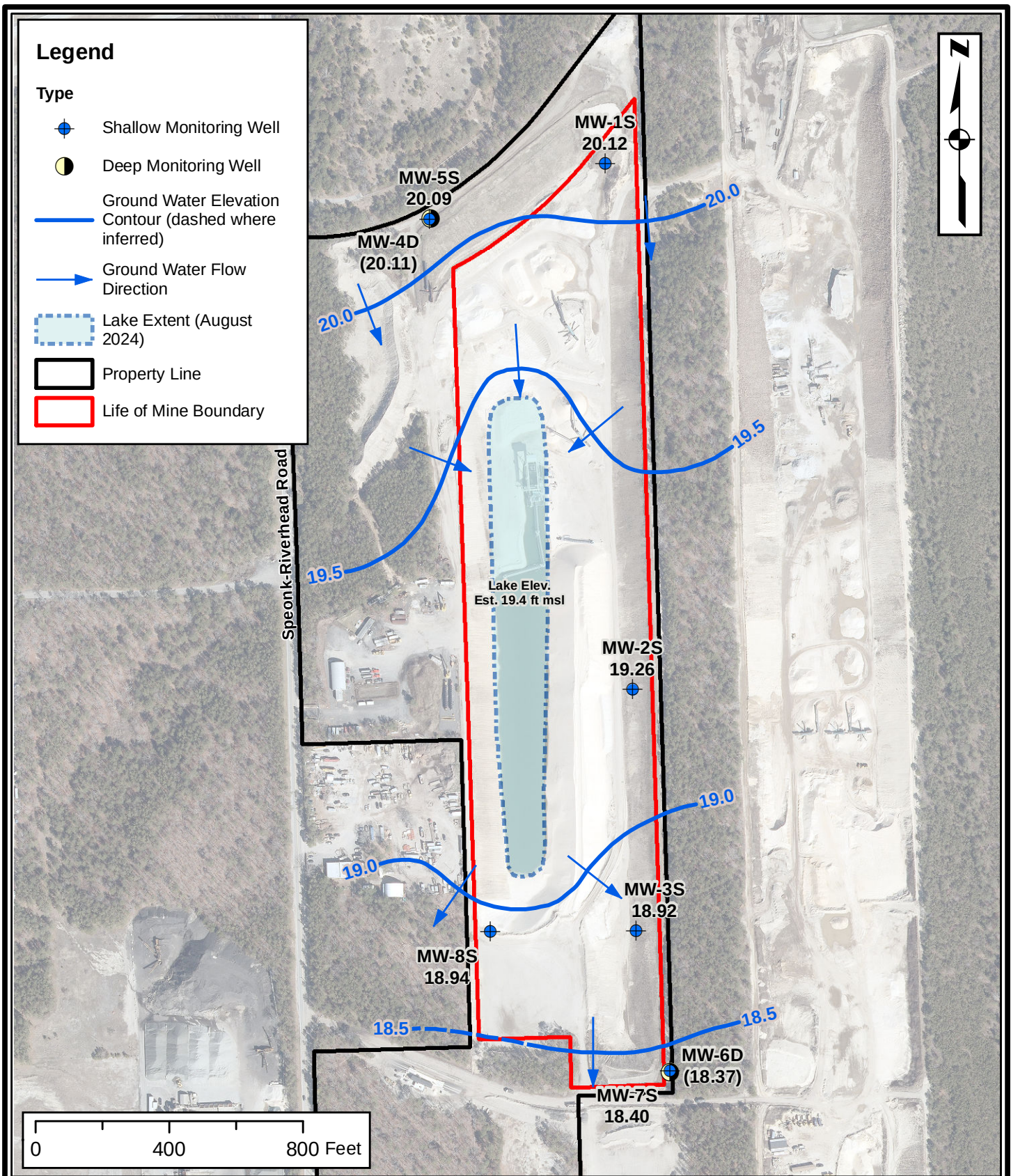
Notes:

- 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
August 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
August 19, 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-1S
DATE 8/19/24
Page 1 of 1

GENERAL

Weather Conditions Sunny 80s
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) 16.95 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
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): 1.0 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
15:58	Start	18.95	1.04	17.29	11.01	0.76	15	10.9
16:06	0.4g	18.97	0.889	18.22	11.04	1.52	-54	0.6
16:13	1.0g	18.97	0.863	18.09	10.81	1.31	-41	4.2
16:18	1.4g	18.97	0.768	17.71	10.65	1.05	-39	5.6
16:23	1.9g	18.97	0.738	17.68	10.46	0.84	-41	6.9
16:28	2.3g	18.97	0.720	17.85	10.30	0.48	-34	8.0
16:34	2.7g	18.97	0.706	18.05	10.02	0.29	-32	6.3
16:44	3.1g	18.97	0.694	17.84	9.81	0.15	-35	6.7
16:48	3.3g	18.97	0.697	17.93	9.59	0.07	-35	7.1
16:51	3.6g	18.97	0.676	17.92	9.51	0.02	-39	8.0
16:54	3.9g	18.97	0.670	17.91	9.49	0.00	-35	8.0

* - 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: 3.9 gallons/liters
Depth of pump intake: 22.2 feet btoc

OBSERVATIONS

Color Clear Odor None
Turbidity Low Sheen None
Presence of NAPL None Other _____
Remarks Temp. readings affected by heat & sunlight.

SAMPLING INFORMATION

Field Personnel ED
Sampling Method Low-Flow
Sample Date 8/19/24 Time 17:00 - 18:05
Sample Description MW-1S
Analysis VOCs, SVOCs, total metals and dissolved (field filtered), PCBs, Pesticides, Anions, TDS PFAS, 1,4 dioxin, Radon



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 8/20/24
Page 1 of 1

GENERAL

Weather Conditions Cloudy 70s
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
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): 1.1 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
9:32	Start	18.27	0.593	17.52	7.10	9.39	139	7.7
9:37	0.6g	18.27	0.594	16.40	7.11	10.06	153	7.4
9:44	1.6g	18.27	0.583	16.19	7.13	9.73	160	7.2
9:50	2.1g	18.27	0.580	16.21	7.15	9.48	162	6.4
9:56	2.8g	18.27	0.575	16.21	7.16	9.29	164	2.9
9:59	3.4g	18.27	0.568	16.24	7.26	9.14	159	5.8
10:02	3.7g	18.27	0.570	16.24	7.25	9.10	160	1.2
10:05	4.1g	18.27	0.568	16.26	7.26	9.04	160	3.2
10:08	4.5g	18.27	0.565	16.29	7.26	8.97	161	2.0

* - 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: 4.5 gallons/liters
Depth of pump intake: 21.7 feet btoc

OBSERVATIONS

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

SAMPLING INFORMATION

Field Personnel EP
Sampling Method Low-Flow
Sample Date 8/20/24 Time 10:10
Sample Description MW-2S grab
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-3S
DATE 8/20/24
Page 1 of 1

GENERAL

Weather Conditions Cloudy 70s
Site Access/Conditions good
Physical Condition of Well okay

PURGING INFORMATION (Based on Average Water Level)

Total well depth (from top of casing): 25.6 feet
Depth to water surface before purging (from top of casing): (Avg) 16.3 feet
Height of water column: (DTW (5/2024)) (a) 9.3 feet
(b) 10.0 feet
Lesser of a and b 9.3 feet
Screen length 9.3 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): 1.5 gallons or 5.7 liters
Volume of water equal to five wetted screen volumes: 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
8:05	Start	16.43	0.788	17.66	6.58	2.77	116	0.4
8:11	0.2g	16.46	0.752	17.73	6.72	0.82	127	0.0
8:16	1g	16.46	0.740	18.23	6.64	0.32	138	0.0
8:21	1.5g	16.46	0.737	18.34	6.73	0.27	141	0.0
8:26	2.2g	16.46	0.734	18.31	6.80	0.55	142	0.0
8:32	3.1g	16.46	0.737	18.26	6.81	0.17	145	0.0
8:35	3.4g	16.46	0.738	18.24	6.81	0.15	146	0.0
8:38	3.7g	16.46	0.739	18.21	6.82	0.15	146	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: 3.7g 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 Well cap was found off the well on 8/19/24

SAMPLING INFORMATION

Field Personnel EP
Sampling Method Low-Flow
Sample Date 8/20/24 Time 8:40
Sample Description MW-3S grab
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-4D
DATE 8/20/24

Page 1 of 1

GENERAL

Weather Conditions Overcast, 70°
Site Access/Conditions Good
Physical Condition of Well Good

TD 131.0

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
 $d^2 \times 0.0408$ 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 #2

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
0916	Pump on	33.74						
0920	3	33.75	0.461	11.88	5.10	9.84	230	23.6
0925	7	33.75	0.560	11.84	5.52	9.74	220	1.4
0930	11	33.75	0.573	11.83	5.68	9.69	215	0.0
0935	15	33.75	0.577	11.82	5.70	9.71	216	0.0
0940	19	33.75	0.578	11.79	5.70	9.65	219	0.0
0945	23	33.75	0.579	11.79	5.70	9.61	221	0.0
0950	27	33.75	0.580	11.80	5.71	9.58	223	0.0
0955	31	33.75	0.581	11.79	5.72	9.58	224	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: 31 gallons/liters
Depth of pump intake: 121.0 feet btoe

OBSERVATIONS

Color clear Odor no
Turbidity clear Sheen no
Presence of NAPL no Other _____
Remarks _____

SAMPLING INFORMATION

Field Personnel SH/TN
Sampling Method Low-Flow
Sample Date 8/20/24 Time 955
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
DATE 8/20/24

Page 1 of 1

GENERAL

Weather Conditions Overcast 70s
Site Access/Conditions Good
Physical Condition of Well Good

TD 43.2
(From PVC)

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
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 #1

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
0747	—	33.13	Pump on					
0755	5	33.16	0.073	12.37	5.18	9.59	245	0.0
0800	8	33.16	0.083	12.40	5.16	9.33	253	0.0
0805	11	33.16	0.086	12.39	4.94	9.26	271	0.0
0810	14	33.16	0.086	12.37	4.80	9.36	283	0.0
0815	17	33.16	0.087	12.36	4.76	9.26	289	0.0
0820	20	33.16	0.087	12.35	4.74	9.29	295	0.0
0825	23	33.16	0.087	12.36	4.74	9.29	298	0.0
0830	26	33.16	0.086	12.34	4.72	9.20	302	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: 26 gallons/liters
Depth of pump intake: 38.9 feet btoe

Duplicate collected here

OBSERVATIONS

Color Clear Odor No
Turbidity None Sheen No
Presence of NAPL No Other No
Remarks _____

SAMPLING INFORMATION

Field Personnel SH/TN
Sampling Method Low-Flow
Sample Date 8/20/24 Time 0830
Sample Description Clear
Analysis VOCs, SVOCs, total metals and dissolved (field filtered), PCBs, Pesticides, Anions, TDS + PFAS, 1,4 dioxane, radonates



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 8/19/24

Page 1 of 1

GENERAL

Weather Conditions 79°F, Sunny
Site Access/Conditions Good
Physical Condition of Well Good

TD 132.5

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
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 #2

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
1634		43.53						
1645	3	43.56	0.990	13.89	5.99	0.0	192	27.8
1650	5	43.60	0.992	13.84	6.00	0.0	186	29.7
1655	8	43.60	0.991	13.81	6.11	0.0	181	22.6
1700	10	43.60	0.977	13.76	6.13	0.0	179	10.4
1705	12	43.60	0.967	13.75	6.13	0.0	178	5.1
1710	15	43.60	0.974	13.74	6.15	0.0	178	2.0
1715	17	43.60	0.968	13.74	6.08	0.0	181	0.4
1720	19	43.60	0.904	13.74	6.07	0.0	181	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: 19 gallons/liters
Depth of pump intake: 122.6 feet btoc

OBSERVATIONS

Color clear Odor No
Turbidity mod then clear Sheen No
Presence of NAPL no Other No
Remarks _____

SAMPLING INFORMATION

Field Personnel SH/TN
Sampling Method Low-Flow
Sample Date 8/19/24 Time 1720
Sample Description clear
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-7S
DATE 8/19/24
Page 1 of 1

GENERAL

Weather Conditions Sunny 70s DTW
Site Access/Conditions Good MW6 1445 M 43.57
Physical Condition of Well Good MW-7 1446
TD 54.1

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
 $d^2 \times 0.0408$ 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 #1

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
PUMP ON 1450		43.63						
1500	3	43.65	0.822	15.04	6.29	0.0	141	0.0
1505	4	43.64	0.838	18.06	5.63	5.67	199	0.0
1510	4.5	43.64	0.843	16.17	5.92	0.0	176	0.0
1515	5.5	43.64	0.834	15.26	5.92	0.0	178	0.0
1520	7.5	43.64	0.835	15.11	5.93	0.0	182	0.0
1525	9	43.64	0.836	14.88	5.88	0.0	187	0.0
1530	10.5	43.64	0.834	14.87	5.79	0.0	194	0.0
1535	12	43.64	0.830	14.92	5.72	0.0	199	0.0
1540	13.5	43.64	0.829	14.79	5.65	0.0	205	0.0
1545	15	43.64	0.826	14.82	5.63	0.0	206	0.0
1550	17.5	43.64	0.822	14.62	5.68	0.0	204	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: 20 gallons/liters
Depth of pump intake: 49.1 feet btoc

OBSERVATIONS

Color Clear Odor No
Turbidity Clear Sheen No
Presence of NAPL No Other As
Remarks _____

SAMPLING INFORMATION

Field Personnel SH/TN
Sampling Method Low-Flow
Sample Date 8/19/24 Time 1555 - 1630
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

WELL ID MW-8S

DATE 8/20/24

Page 1 of 1

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

TD 58.1

GENERAL

Weather Conditions 70s, overcast
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

58.2 feet
47.3 feet
(a) 10.9 feet
(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):
Volume of water equal to five wetted screen volumes:

1.6 gallons or 6.2 liters
8.2 gallons or 30.9 liters

Pump Type: Submersible

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
1113	Pump On	47.38						
1120	3	47.40	0.406	16.30	6.80	2.62	142	3.3
1125	5	47.40	0.396	16.25	6.82	2.58	132	0.0
1130	7	47.40	0.385	16.25	6.81	2.84	130	0.0
1135	9	47.40	0.381	16.18	6.80	2.96	131	0.0
1140	11	47.40	0.379	16.25	6.79	2.94	132	0.0
1145	13	47.40	0.375	16.22	6.77	2.99	133	0.0
1150	15	47.40	0.372	16.21	6.75	3.11	135	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: 15 gallons/liters
Depth of pump intake: 53.2 feet btoC

OBSERVATIONS

Color Clear
Turbidity None
Presence of NAPL No
Odor No
Sheen No
Other

SAMPLING INFORMATION

Field Personnel SH/TN
Sampling Method Low-Flow
Sample Date 8/20/24 Time 1150
Sample Description Clear
Analysis VOCs, SVOCs, total metals and dissolved (field filtered), PCBs, Pesticides, Anions, TDS

28 8/19/24

S. Hulsey, E. Rafferty, T. Nadeau

1240 SH/TN on-site
ER to get water levels SH/TN
in well 6/7 - water to start sample

1310 ER calls - stuck near MW-1
we go help get him out

1430 Back at MW-6/7 - finish calibration

1450 ER at MW-6/7 to get his Horiba
and go to MW-15 to start

1500 start purging MW-7S, MS/MSD
from here also PFAS/PAH/14DMA
1535 finished purging & labeling bottles
stand sample

1620 finished sample

1634 start purging MW-6D (pump #2)

1720 sample 6D and go to MW-1 to help ER

1750 AT MW-1 ER filling bottles
stand at 1700

1830 All off-site

[Signature] 8/19/24

8/20/24 29

7:00	SH/TN on-site to cluster ER getting ice	well 4/5
	SH calibrates Horiba	
	TN sets up for MW-5S (HORE tubing)	Pump #1
7:30	ER on-site with ice	
7:40	Calibration complete (see form)	
	ER 11 minutes for MW-3	
7:45	Start purging MW-5S	
8:30	Sample MW-5S - collected DUP	
8:50	Finished 5S + DUP	
	set up on MW-4D	
9:20	Start purging MW-4D (Pump #2 collection)	
9:30	Collected equipment blank from Pump #1. Used to be water for MS	
	parameters VPC fines with for VPC	
	PFAS. Also water for PFAS. No dissolved metals collected	
9:55	Start sampling MW-4D	
10:30	cleaned up + move to MW-8S + check data ER	
10:40	AT MW-8S ER just finished MW-2S+3S w/ per. still c	

[Signature]

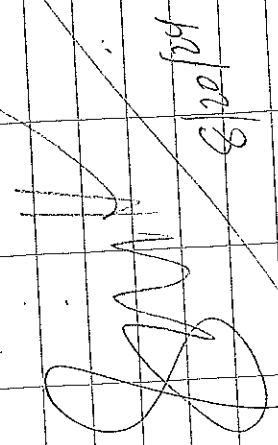
30 8/20/24 Continued

1135 SH prepares field blank by MW-85; sunny windy 80s
Excavator drove by over a while
fully bottles no odors wind from north east

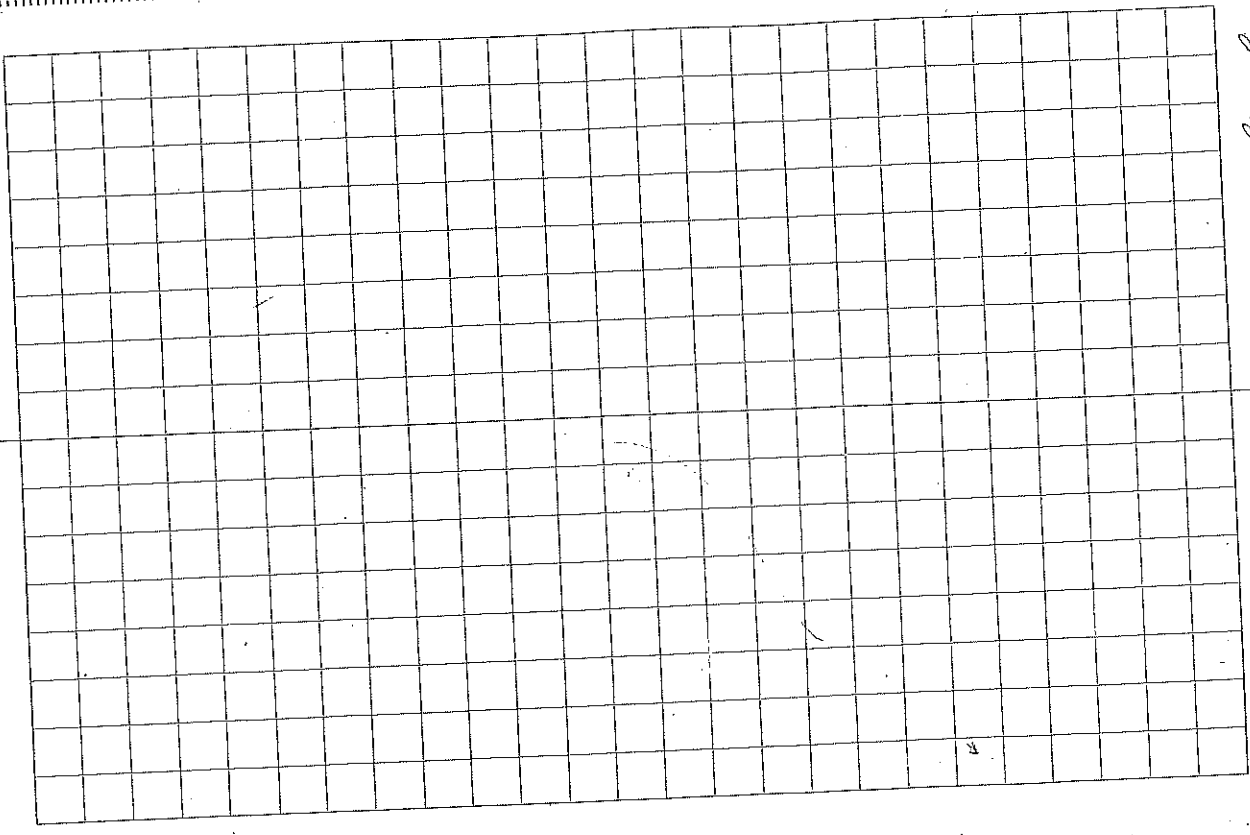
1155 start sample MW-85

1225 finished clean up + packing ER
has well logs will return tomorrow

1235 SH/TN off-site to Rance


8/20/24

Rance in use later





Horiba Field Calibration Record

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065

Project Name: Huntington Ready Mixed

Project No. 20116

Date: 8/19/24

Field Personnel: _____

Equipment ID: FA02666

Model No.: U-52

Last Lab Calibration Date: 8/15/24

Air Temperature (deg C): 81°F 27°C

Barometric Pressure (mmHg): 29.67 in Hg 754 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: 8/19/24

Time: 1400

Field Auto Calibration Check

Parameter	Units	Standard Value	Pre-Calibrated Value	Post-Calibrated Value	Pass (Y/N)	Notes
pH (+/- 0.1)	SU	4.0	4.39	4.02	Y	
Conductivity (+/- 0.2)	mS/cm	4.49	4.80	4.52	Y	
Turbidity (<0.1)	NTU	0	0.0	0.0	Y	
D.O. Sat* (+/- 0.2)	ppm		106.6%	8.63	Y	
D.O. Zero (<0.1)	ppm	0	0.28	0.0	Y	

Equipment ID: FA05169 (Evan)

Model No.: U-52

Last Lab Calibration Date: 8/15/24

Air Temperature (deg C): 81°F

Barometric Pressure (mmHg): 754

Date: 8/19/24

Time: 1400

Field Auto Calibration Check

Parameter	Units	Standard Value	Pre-Calibrated Value	Post-Calibrated Value	Pass (Y/N)	Notes
pH	SU	4.0	4.94	4.02	Y	
Conductivity	mS/cm	4.49	4.92	4.54	Y	
Turbidity	NTU	0	0.0	0.0	Y	
D.O. Sat*	ppm		6.96	8.07	Y	
D.O. Zero	ppm	0	0.34	0.0	Y	



Horiba Field Calibration Record

ALPHA GEOSCIENCE
679 Plank Road
Clifton Park, NY 12065

Project Name: Huntington Ready Mixed *→ Ranco*

Project No. 20116

Date: 8/20/24

Field Personnel: S. Hulscap

Equipment ID: FAB 2666 (SH)

Model No.: U-52

Last Lab Calibration Date: 8/15/24

Air Temperature (deg C): 21.5

Barometric Pressure (mmHg): 29.81 in

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: 8/20

Time: 7:30

Field Auto Calibration Check

Parameter	Units	Standard Value	Pre-Calibrated Value	Post-Calibrated Value	Pass (Y/N)	Notes
pH (+/- 0.1)	SU	4.0	3.90	4.00	Y	
Conductivity (+/- 0.2)	mS/cm	4.49	4.49	4.48	Y	
Turbidity (<0.1)	NTU	0	1.3	0.0	Y	
D.O. Sat* (+/- 0.2)	ppm	8.9	9.36	9.07	Y	
D.O. Zero (<0.1)	ppm	0	0.0	0.0	Y	did not need for 10-2020

Equipment ID: FA05169 (ER)

Model No.: U-52

Last Lab Calibration Date: 8/15/24

Air Temperature (deg C): 21.5

Barometric Pressure (mmHg): 29.81 in

Date: 8/20

Time: 7:30

Field Auto Calibration Check

Parameter	Units	Standard Value	Pre-Calibrated Value	Post-Calibrated Value	Pass (Y/N)	Notes
pH	SU	4.0	21.10	4.00	Y	
Conductivity	mS/cm	4.49	4.43	4.49	Y	
Turbidity	NTU	0	0.1	0.0	Y	
D.O. Sat*	ppm	8.9	10.39	9.18	Y	
D.O. Zero	ppm	0	0.0	0.0	Y	Did not need for 10-2020



Calibration Certificate

rev 8/9/11

Work Order No.: SE-134582

Date of Service: 08/15/24

Order Time: 11:23:23 AM

Unit Under Test: Horiba U-52-2, 2m cable

Asset No.: FA05169 Technician: Haley Steinbruckner

Serial No: USFVSM2M-3TDD7YY0

Initials: HS

TEST	Specification	Result
Standard Calibration	Pass/Fail	pass

TEST STANDARDS USED:

DESCRIPTION	LOT NO./EXPIRATION DATE	QUANTITY
100 NTU Horiba Standard for U-52	Lot#24010943 Exp: 04/25	1
AUTOCAL: pH4, Cond 4.49 mS/cm, Turb 0.0 NTU	Lot No. 24005593 Exp. 10/31/2024	1
pH 10.00 Standard Solution	Lot No. 3GL0168 Exp: 12/2025	1
pH 7.00 Standard Solution	Lot No. 4GF0046 Exp. 06/2026	1
ORP Standard Solution	Lot No. 24A100343 Exp. 01/16/2029	1
Air Saturated Water		1

TEST EQUIPMENT USED:

DESCRIPTION	ASSET NO.	SERIAL NO.	DATE OF LAST CAL	DATE CAL DUE

Test Equipment and standards are traceable to National standards.



Calibration Certificate

rev 8/9/11

Work Order No.: SE-134582

Date of Service: 08/15/24

Order Time: 11:23:23 AM

Unit Under Test: Horiba U-52-2, 2m cable

Asset No.: FA02666 Technician: Haley Steinbruckner

Serial No: YDL808ST/KP5XP8NP

Initials: HS

TEST	Specification	Result
Standard Calibration	Pass/Fail	pass

TEST STANDARDS USED:

DESCRIPTION	LOT NO./EXPIRATION DATE	QUANTITY
AUTOCAL: pH4, Cond 4.49 mS/cm, Turb 0.0 NTU	Lot No. 24005593 Exp. 10/31/2024	1
pH 10.00 Standard Solution	Lot No. 3GL0168 Exp: 12/2025	1
pH 7.00 Standard Solution	Lot No. 4GF0046 Exp. 06/2026	1
ORP Standard Solution	Lot No. 24A100343 Exp. 01/16/2029	1
100 NTU Horiba Standard for U-52	Lot#24010943 Exp: 04/25	1
Air Saturated Water		1

TEST EQUIPMENT USED:

DESCRIPTION	ASSET NO.	SERIAL NO.	DATE OF LAST CAL	DATE CAL DUE

Test Equipment and standards are traceable to National standards.

APPENDIX B
Data Usability Summary Report



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report
for Alpha Analytical Labs
SDG Number: L2447503**

**8 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, 1 Equipment Blank, and 1 Trip Blank
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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, 1 equipment 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, 1 field blank, and 1 equipment 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, 1 field blank, and 1 equipment blank.

The overall performances of the analyses are acceptable. Alpha Analytical Labs did fulfill the requirements of the analytical methods.

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 result for bromomethane was qualified as “estimated” (UJ) for sample MW-7S because the 1 of 2 percent recoveries for bromomethane was below QC limits, but not below 30% in the aqueous MS/MSD sample.
- The “not detected” volatile results for 1,4-dioxane were qualified as “rejected, unusable” (R) for all 8 ground water samples and the field duplicate because the RRF for 1,4-dioxane was below the allowable minimum in the associated continuing calibration verification sample.
- The “not detected” semi-volatile results for bis(2-chloroisopropyl)ether and hexachlorocyclopentadiene were qualified as “estimated” (UJ) for all sample except sample MW-2S because 2 of 2 percent recoveries for bis(2-chloroisopropyl)ether and hexachlorocyclopentadiene were below QC limits, but not below 30% for the associated aqueous LCS/LCSD.

- The “not detected” semi-volatile results for 2,4,6-trichlorophenol, 2,4-dinitrophenol, and 2,3,4,6-tetrachlorophenol were qualified as “rejected, unusable” (R) for sample MW-7S because 1 of 2 percent recoveries for 2,4,6-trichlorophenol, 2,4-dinitrophenol, and 2,3,4,6-tetrachlorophenol pyridine were below QC limits and below 30% in the aqueous MS/MSD sample.
- Positive semi-volatile results for phenol were qualified as “not detected” (U) for the following samples because the level reported in the samples were not significantly greater than (more than 5 times) the highest associated blank level.

MW-1S	MW-2S	MW-4D	MW-5S	MW-8S	DUP

- The “not detected” SIM semi-volatile result for pentachlorophenol was qualified as “rejected, unusable” (R) for sample MW-7S because the 2 of 2 percent recoveries for pentachlorophenol were below QC limits and one below 30% in the aqueous MS/MSD sample.
- The positive SIM semi-volatile results for naphthalene were qualified as “not detected” (U) for samples MW-1S, MW-2S, and MW-7S because the level reported in the samples were not significantly greater than (more than 5 times) the highest associated blank level.
- The positive dissolved and total metal results for manganese were qualified as “estimated” (J) for samples MW-1S, MW-5S, and DUP because the dissolved concentrations were greater than the total concentrations plus 10%.
- The positive dissolved and total metal results for potassium were qualified as “estimated” (J) for sample DUP because the dissolved concentration was greater than the total concentrations plus 10%.
- The positive dissolved and total metal results for copper were qualified as “estimated” (J) for samples MW-3S and MW-8S because the dissolved concentrations were greater than the total concentrations plus 10%.
- The positive dissolved and total metal results for chromium and cobalt were qualified as “estimated” (J) for sample MW-7S because the dissolved concentrations were greater than the total concentrations plus 10%.

- Sample MW-7S reported dissolved iron above the RL and total iron as “not detected”. Positive result for dissolved iron was qualified as estimated (J) and the “not detected” total result as estimated (UJ).
- The positive total metal results for barium were qualified as estimated (J) for samples MW-5S and DUP because the relative percent difference for barium was above the allowable maximum for the aqueous field duplicate pair MW-5S/DUP.
- The positive general chemistry results for total kjeldahl nitrogen (TKN) were qualified as estimated (J) for the following samples because the relative percent difference for TKN was above the allowable maximum for the aqueous duplicate sample.

MW-1S	MW-2S	MW-3S	MW-4D
MW-6D	MW-7S	MW-8S	DUP

- The positive general chemistry results for ammonia were qualified as estimated (J) for all 8 ground water samples and the field duplicate because the relative percent differences for ammonia were above the allowable maximum for the aqueous duplicate samples.
- 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.
- The general chemistry results for total dissolved solids (TDS) and bicarbonate alkalinity were qualified as estimated (J) for samples MW-5S and DUP because the relative percent differences for TDS and bicarbonate alkalinity were above the allowable maximum for the aqueous field duplicate pair MW-5S/DUP.

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.

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

Qualified Data Section

Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N06
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 18:06
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
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 MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N06
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 18:06
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N06
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 18:06
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 18:31
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 18:31
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 18:31
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 18:56
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 18:56
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 18:56
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 19:21
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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	0.76	2.5	0.70	J
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
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
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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 19:21
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 19:21
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 19:46
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 19:46
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 19:46
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 20:11
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 20:11
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 20:11
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 20:36
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 20:36
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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 UJ
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 20:36
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 21:01
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 21:01
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 21:01
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 21:26
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 21:26
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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
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
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary

Form 1

Volatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22240823N14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 21:26
 Dilution Factor : 1
 Analyst : MAG
 Instrument ID : VOA122
 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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG240823A21
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 15:44
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : GONZO
 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
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
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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG240823A21
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 15:44
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : GONZO
 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
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
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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG240823A21
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 15:44
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : GONZO
 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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG240823A22
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 16:07
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : GONZO
 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
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
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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG240823A22
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 16:07
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : GONZO
 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
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
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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG240823A22
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 16:07
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : GONZO
 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 MIX
 Lab ID : L2447503-12
 Client ID : TRIP BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG240823A23
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 16:31
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : GONZO
 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
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
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 MIX
 Lab ID : L2447503-12
 Client ID : TRIP BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG240823A23
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 16:31
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : GONZO
 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
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
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 MIX
 Lab ID : L2447503-12
 Client ID : TRIP BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG240823A23
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 16:31
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : GONZO
 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

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 15:54
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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	UJ
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 MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 15:54
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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	2.2	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	2.7	5.0	0.35	J 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 MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 15:54
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 16:46
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : IM
 Instrument ID : SV106
 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
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	1.9	5.0	0.76	J
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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 16:46
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : IM
 Instrument ID : SV106
 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	2.0	5.0	0.35	J 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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 16:46
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : IM
 Instrument ID : SV106
 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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 16:39
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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	UJ
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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 16:39
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 16:39
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:02
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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	UJ
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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:02
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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	1.1	5.0	0.35	J 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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:02
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:25
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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	UJ
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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:25
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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	2.6	5.0	0.35	J 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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:25
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-06
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:47
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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	UJ
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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-06
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:47
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-06
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:47
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : EK
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-07
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:10
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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	UJ
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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-07
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:10
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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 R
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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-07
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:10
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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	R



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-08
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 19:18
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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	UJ
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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-08
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 19:18
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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	3.5	5.0	0.35	J 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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-08
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 19:18
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-09
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 19:41
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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	UJ
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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-09
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 19:41
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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	0.90	5.0	0.35	J 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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-09
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 19:41
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-10
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 20:04
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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	UJ
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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-10
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 20:04
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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	2.2	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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-10
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 20:04
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-11
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 20:26
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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	UJ
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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-11
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 20:26
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47503-11
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 20:26
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV112
 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 MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/25/24 15:59
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV119
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	0.07	0.10	0.02	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.04	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.18	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	0.04	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	0.10	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	0.06	0.10	0.03	J
87-86-5	Pentachlorophenol	0.16	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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 09:53
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : RP
 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	0.12	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	0.46	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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/25/24 16:32
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV119
 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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/25/24 16:48
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV119
 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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/25/24 17:21
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV119
 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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-06
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/25/24 17:38
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV119
 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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-07
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/25/24 19:00
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV119
 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	0.06	0.10	0.02	J 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 R
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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-08
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/25/24 17:54
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV119
 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	0.04	0.10	0.03	J
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	0.04	0.80	0.01	J
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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-09
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/25/24 18:11
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV119
 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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-10
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/25/24 18:27
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV119
 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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47503-11
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/25/24 18:44
 Date Extracted : 08/24/24
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV119
 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	0.08	0.10	0.02	J
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	0.05	0.10	0.03	J
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 MIX
Lab ID : L2447503-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F508272413
Sample Amount : 250 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 17:00
Date Received : 08/20/24
Date Analyzed : 08/27/24 13:30
Date Extracted : 08/26/24
Dilution Factor : 1
Analyst : GRS
Instrument ID : PAH5
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	68.9	150	33.9	J



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

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F608282411
Sample Amount : 260 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 08:30
Date Received : 08/20/24
Date Analyzed : 08/28/24 13:02
Date Extracted : 08/27/24
Dilution Factor : 1
Analyst : GRS
Instrument ID : GCMS6
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 MIX
Lab ID : L2447503-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F508272414
Sample Amount : 260 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 15:55
Date Received : 08/20/24
Date Analyzed : 08/27/24 13:58
Date Extracted : 08/26/24
Dilution Factor : 1
Analyst : GRS
Instrument ID : PAH5
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 MIX
Lab ID : L2447503-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F608282412
Sample Amount : 260 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 11:50
Date Received : 08/20/24
Date Analyzed : 08/28/24 13:31
Date Extracted : 08/27/24
Dilution Factor : 1
Analyst : GRS
Instrument ID : GCMS6
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 MIX
Lab ID : L2447503-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F608282413
Sample Amount : 260 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 00:00
Date Received : 08/20/24
Date Analyzed : 08/28/24 14:00
Date Extracted : 08/27/24
Dilution Factor : 1
Analyst : GRS
Instrument ID : GCMS6
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 MIX
Lab ID : L2447503-10
Client ID : FIELD BLANK
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F608282414
Sample Amount : 260 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 11:35
Date Received : 08/20/24
Date Analyzed : 08/28/24 14:28
Date Extracted : 08/27/24
Dilution Factor : 1
Analyst : GRS
Instrument ID : GCMS6
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 MIX
Lab ID : L2447503-11
Client ID : EQUIPMENT BLANK
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8270E-SIM
Lab File ID : F608282415
Sample Amount : 260 ml
Extraction Method : EPA 3510C
Extract Volume : 2500 uL
GPC Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 09:30
Date Received : 08/20/24
Date Analyzed : 08/28/24 14:57
Date Extracted : 08/27/24
Dilution Factor : 1
Analyst : GRS
Instrument ID : GCMS6
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

Chlorinated Herbicides by GC

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17240827a-05
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 09:08
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : JAG
 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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17240827a-06
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 09:26
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : JAG
 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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17240827a-07
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 09:45
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : JAG
 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 MIX
Lab ID : L2447503-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8151A
Lab File ID : 17240827a-08
Sample Amount : 1000 ml
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 09:55
Date Received : 08/20/24
Date Analyzed : 08/27/24 10:03
Date Extracted : 08/25/24
Dilution Factor : 1
Analyst : JAG
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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17240827a-09
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 10:21
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : JAG
 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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17240827a-10
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 10:40
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : JAG
 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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17240827a-11
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 10:58
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : JAG
 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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17240827a-14
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 11:53
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : JAG
 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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17240827a-15
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 12:12
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : JAG
 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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17240827a-16
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 12:30
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : JAG
 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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 22240827a-76
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/28/24 13:55
 Date Extracted : 08/27/24
 Dilution Factor : 1
 Analyst : MMG
 Instrument ID : PEST22
 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 MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-14
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 12:56
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-15
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:06
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-16
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:15
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-17
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:24
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-18
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:34
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-19
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:43
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-20
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:53
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-23
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:21
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-24
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:30
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-25
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:39
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2240827a-26
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:49
 Date Extracted : 08/27/24
 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 MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11240826a-20
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 09:50
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : EJJ
 Instrument ID : PEST11
 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 MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11240826a-20
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 09:50
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST11
 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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-44
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:57
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-44
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:57
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-45
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:10
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
Lab ID : L2447503-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8081B
Lab File ID : 20240826a-45
Sample Amount : 140 ml
Extraction Method : EPA 3510C
Extract Volume : 1000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 08:40
Date Received : 08/20/24
Date Analyzed : 08/26/24 18:10
Date Extracted : 08/26/24
Dilution Factor : 1
Analyst : PEG
Instrument ID : PEST20
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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-46
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:22
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-46
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:22
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-47
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:34
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-47
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:34
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11240826a-21
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 10:02
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST11
 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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11240826a-21
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 10:02
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST11
 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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11240826a-22
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 10:14
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : EJJ
 Instrument ID : PEST11
 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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11240826a-22
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 10:14
 Date Extracted : 08/25/24
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST11
 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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-48
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:47
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-48
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:47
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-49
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 18:59
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
Lab ID : L2447503-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8081B
Lab File ID : 20240826a-49
Sample Amount : 140 ml
Extraction Method : EPA 3510C
Extract Volume : 1000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 00:00
Date Received : 08/20/24
Date Analyzed : 08/26/24 18:59
Date Extracted : 08/26/24
Dilution Factor : 1
Analyst : PEG
Instrument ID : PEST20
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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-50
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 19:12
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20240826a-50
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 19:12
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : PEG
 Instrument ID : PEST20
 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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 18240826a-31
 Sample Amount : 140 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 17:21
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : EJL
 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 MIX
Lab ID : L2447503-11
Client ID : EQUIPMENT BLANK
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,8081B
Lab File ID : 18240826a-31
Sample Amount : 140 ml
Extraction Method : EPA 3510C
Extract Volume : 1000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 09:30
Date Received : 08/20/24
Date Analyzed : 08/26/24 17:21
Date Extracted : 08/26/24
Dilution Factor : 1
Analyst : EJL
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 MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_18
 Sample Amount : 556.61 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 08:39
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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)	9.35	5.75	0.920	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	21.4	2.87	0.769	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	4.03	1.44	0.481	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.75	1.50	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	16.1	1.44	0.424	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	1.12	1.44	0.252	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	14.4	1.44	0.287	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	14.8	1.44	0.345	
335-67-1	Perfluorooctanoic Acid (PFOA)	132	1.44	0.625	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	4.93	5.75	1.94	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	1.27	1.44	0.388	J
375-95-1	Perfluorononanoic Acid (PFNA)	5.76	1.44	0.453	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	40.9	1.44	0.654	
335-76-2	Perfluorodecanoic Acid (PFDA)	4.27	1.44	0.582	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.75	2.23	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.44	0.446	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	1.64	1.44	0.783	
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.44	0.625	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_18
 Sample Amount : 556.61 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 08:39
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	1.44	0.330	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	2.08	1.44	0.388	
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.18	1.44	0.776	J
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.44	0.661	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.44	0.539	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.44	0.381	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.75	0.805	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.75	0.905	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.44	0.546	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.75	1.18	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUDS)	ND	5.75	1.18	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.44	0.625	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.44	0.661	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.4	3.38	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_18
 Sample Amount : 556.61 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 08:39
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	14.4	1.76	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.87	0.410	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.87	0.381	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	2.87	0.316	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.87	1.70	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.19	2.37	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	35.9	8.41	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	35.9	5.67	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_19
 Sample Amount : 532.76 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 08:52
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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)	1.21	6.01	0.961	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.55	3.00	0.803	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.50	0.503	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.01	1.57	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.64	1.50	0.443	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.50	0.263	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.16	1.50	0.300	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.31	1.50	0.360	J
335-67-1	Perfluorooctanoic Acid (PFOA)	2.12	1.50	0.653	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.01	2.03	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.50	0.405	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.50	0.473	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.19	1.50	0.683	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.50	0.608	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.01	2.34	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.50	0.466	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.50	0.818	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.50	0.653	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_19
 Sample Amount : 532.76 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 08:52
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	1.50	0.345	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.50	0.405	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.50	0.811	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.50	0.691	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.50	0.563	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.50	0.398	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.01	0.841	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.01	0.946	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.50	0.571	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.01	1.24	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.01	1.24	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.50	0.653	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.50	0.691	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.0	3.53	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_19
 Sample Amount : 532.76 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 08:52
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	15.0	1.84	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.00	0.428	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.00	0.398	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.00	0.330	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.00	1.77	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.51	2.48	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	37.5	8.78	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	37.5	5.92	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_20
 Sample Amount : 561.47 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 09:04
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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)	10.2	5.70	0.912	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	11.9	2.85	0.762	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	3.53	1.42	0.477	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.70	1.49	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	11.2	1.42	0.420	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	1.89	1.42	0.249	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	11.9	1.42	0.285	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	14.4	1.42	0.342	
335-67-1	Perfluorooctanoic Acid (PFOA)	25.7	1.42	0.620	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.70	1.92	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.42	0.385	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.17	1.42	0.449	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	4.92	1.42	0.648	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.42	0.577	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.70	2.22	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.42	0.442	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.42	0.776	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.42	0.620	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_20
 Sample Amount : 561.47 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 09:04
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	1.42	0.328	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.42	0.385	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.42	0.769	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.42	0.655	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.42	0.534	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.42	0.378	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.70	0.798	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.70	0.898	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.42	0.541	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.70	1.18	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.70	1.18	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.42	0.620	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.42	0.655	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.2	3.35	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_20
 Sample Amount : 561.47 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 09:04
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	14.2	1.74	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.85	0.406	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.85	0.378	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	2.85	0.313	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.85	1.68	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.12	2.35	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	35.6	8.34	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	35.6	5.62	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_23
 Sample Amount : 522.56 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 09:43
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	6.12	0.980	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	9.17	3.06	0.819	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.39	1.53	0.513	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.12	1.60	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	9.87	1.53	0.452	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	0.674	1.53	0.268	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	9.02	1.53	0.306	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	6.54	1.53	0.367	
335-67-1	Perfluorooctanoic Acid (PFOA)	32.8	1.53	0.666	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.12	2.07	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.53	0.413	U
375-95-1	Perfluorononanoic Acid (PFNA)	2.37	1.53	0.482	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	10.9	1.53	0.696	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.934	1.53	0.620	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.12	2.38	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.53	0.474	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.53	0.834	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.53	0.666	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_23
 Sample Amount : 522.56 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 09:43
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	0.352	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.765	1.53	0.413	JF
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.53	0.827	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.53	0.704	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.53	0.574	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.53	0.406	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.12	0.857	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.12	0.964	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.53	0.582	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.12	1.26	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUDS)	ND	6.12	1.26	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.53	0.666	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.53	0.704	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.3	3.60	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_23
 Sample Amount : 522.56 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 09:43
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	1.88	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.06	0.436	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.06	0.406	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.06	0.337	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.06	1.81	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.65	2.53	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	38.3	8.96	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	38.3	6.04	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_24
 Sample Amount : 525.51 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 09:55
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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)	1.22	6.09	0.974	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.59	3.04	0.814	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.518	1.52	0.510	J
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.09	1.59	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.46	1.52	0.449	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.52	0.266	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.23	1.52	0.304	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.46	1.52	0.365	J
335-67-1	Perfluorooctanoic Acid (PFOA)	2.08	1.52	0.662	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.09	2.06	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.52	0.411	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.52	0.480	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.25	1.52	0.693	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.52	0.616	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.09	2.37	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.52	0.472	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.52	0.830	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.52	0.662	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_24
 Sample Amount : 525.51 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 09:55
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	0.350	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.52	0.411	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.52	0.822	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.52	0.700	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.52	0.571	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.52	0.403	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.09	0.852	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.09	0.959	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.52	0.578	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.09	1.26	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.09	1.26	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.52	0.662	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.52	0.700	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.2	3.58	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_24
 Sample Amount : 525.51 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 09:55
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	1.86	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.04	0.434	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.04	0.403	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.04	0.335	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.04	1.80	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.61	2.51	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	38.0	8.90	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	38.0	6.00	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_27
 Sample Amount : 514.19 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 10:43
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	6.22	0.996	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	3.11	0.832	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.56	0.521	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.22	1.62	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.56	0.459	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.56	0.272	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.56	0.311	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.56	0.373	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.56	0.677	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.22	2.10	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.56	0.420	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.56	0.490	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.56	0.708	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.56	0.630	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.22	2.42	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.56	0.482	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.56	0.848	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.56	0.677	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_27
 Sample Amount : 514.19 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 10:43
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	1.56	0.358	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.56	0.420	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.56	0.840	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.56	0.716	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.56	0.583	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.56	0.412	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.22	0.871	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.22	0.980	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.56	0.591	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.22	1.28	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUDS)	ND	6.22	1.28	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.56	0.677	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.56	0.716	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.6	3.66	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_27
 Sample Amount : 514.19 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 10:43
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	15.6	1.90	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.11	0.443	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.11	0.412	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.11	0.342	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.11	1.84	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.78	2.57	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	38.9	9.10	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	38.9	6.14	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_28
 Sample Amount : 494.28 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 10:56
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	6.47	1.04	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	3.24	0.866	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.62	0.542	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.47	1.69	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.62	0.477	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.62	0.283	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.62	0.324	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.62	0.388	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.62	0.704	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.47	2.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.62	0.437	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.62	0.510	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.62	0.736	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.62	0.655	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.47	2.52	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.62	0.502	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.62	0.882	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.62	0.704	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_28
 Sample Amount : 494.28 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 10:56
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	1.62	0.372	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.62	0.437	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.62	0.874	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.62	0.744	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.62	0.607	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.62	0.429	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.47	0.906	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.47	1.02	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.62	0.615	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.47	1.34	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.47	1.34	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.62	0.704	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.62	0.744	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	16.2	3.80	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI05_240917_28
 Sample Amount : 494.28 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 09/17/24 10:56
 Date Extracted : 09/15/24
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS05
 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	16.2	1.98	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.24	0.461	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.24	0.429	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.24	0.356	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.24	1.91	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	8.09	2.67	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	40.5	9.47	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	40.5	6.38	U



Form 1

METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1962883.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 15:55
Date Received : 08/20/24
Date Analyzed : 08/23/24 11:34
Dilution Factor : 10
Analyst : EJF
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7440-23-5	Sodium, Total	23.8	1.00	0.293	



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1962883.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 15:55
Date Received : 08/20/24
Date Analyzed : 08/23/24 11:12
Dilution Factor : 1
Analyst : EJJ
Instrument ID : ICPMSQ
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00345	0.0100	0.00327	J
7440-36-0	Antimony, Total	0.00103	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00030	0.00050	0.00016	J
7440-39-3	Barium, Total	0.09513	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	132.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00048	0.00100	0.00017	J J
7440-48-4	Cobalt, Total	0.00033	0.00050	0.00016	J J
7440-50-8	Copper, Total	0.00170	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	15.6	0.0700	0.0242	
7439-96-5	Manganese, Total	0.3799	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	15.1	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
7440-28-0	Thallium, Total	0.00057	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 MIX
Lab ID : L2447503-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 17:00
Date Received : 08/20/24
Date Analyzed : 08/27/24 17:52
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	0.613	0.0100	0.00327	
7440-36-0	Antimony, Dissolved	0.00054	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00423	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.00805	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	64.5	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00049	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00071	0.00100	0.00038	J
7439-89-6	Iron, Dissolved	0.238	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	0.511	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	1.048	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	0.00328	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	25.0	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	54.8	0.100	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	0.01245	0.00500	0.00157	
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 10:10
Date Received : 08/20/24
Date Analyzed : 08/27/24 17:57
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/26/24

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	0.00068	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00019	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.03078	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	99.5	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00111	0.00100	0.00017	
7440-48-4	Cobalt, Dissolved	0.00041	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00215	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	9.28	0.0700	0.0242	
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	13.7	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	6.82	0.100	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 MIX
Lab ID : L2447503-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 08:40
Date Received : 08/20/24
Date Analyzed : 08/27/24 18:01
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/26/24

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	0.00090	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00053	0.00050	0.00016	
7440-39-3	Barium, Dissolved	0.07760	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	90.4	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00146	0.00100	0.00017	
7440-48-4	Cobalt, Dissolved	0.00062	0.00050	0.00016	
7440-50-8	Copper, Dissolved	0.00258	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	7.09	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.00464	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	29.2	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	38.0	0.100	0.0293	
7440-28-0	Thallium, Dissolved	0.00025	0.00100	0.00014	J
7440-62-2	Vanadium, Dissolved	0.00295	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 MIX
Lab ID : L2447503-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 09:55
Date Received : 08/20/24
Date Analyzed : 08/27/24 18:26
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/26/24

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	0.06349	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	21.6	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.00213	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	12.4	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.00066	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	1.34	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	51.0	0.100	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 MIX
Lab ID : L2447503-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 08:30
Date Received : 08/20/24
Date Analyzed : 08/27/24 18:30
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	0.00385	0.0100	0.00327	J
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	0.00460	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	6.99	0.100	0.0394	
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	1.19	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.00590	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	1.08	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	5.16	0.100	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 MIX
Lab ID : L2447503-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 17:20
Date Received : 08/20/24
Date Analyzed : 08/27/24 18:35
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/26/24

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	0.00020	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.05466	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	128.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	0.00044	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00087	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	22.0	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	3.341	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	27.2	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	36.2	0.100	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 MIX
Lab ID : L2447503-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 15:55
Date Received : 08/20/24
Date Analyzed : 08/27/24 17:30
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/26/24

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	0.00064	0.00400	0.00042	J
7440-38-2	Arsenic, Dissolved	0.00020	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.08926	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	138.	0.100	0.0394	
7440-47-3	Chromium, Dissolved	0.01138	0.00100	0.00017	J
7440-48-4	Cobalt, Dissolved	0.00054	0.00050	0.00016	J
7440-50-8	Copper, Dissolved	0.00180	0.00100	0.00038	
7439-89-6	Iron, Dissolved	0.0504	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	14.8	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.3930	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00702	0.00200	0.00055	
7440-09-7	Potassium, Dissolved	15.0	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	24.0	0.100	0.0293	
7440-28-0	Thallium, Dissolved	0.00048	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 MIX
Lab ID : L2447503-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 11:50
Date Received : 08/20/24
Date Analyzed : 08/27/24 18:39
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/26/24

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	0.03807	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	33.3	0.100	0.0394	
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	0.00240	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	3.32	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.00088	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	20.6	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	24.0	0.100	0.0293	
7440-28-0	Thallium, Dissolved	0.00018	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 MIX
Lab ID : L2447503-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 00:00
Date Received : 08/20/24
Date Analyzed : 08/27/24 18:44
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	0.00490	0.0100	0.00327	J
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	0.00464	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	6.79	0.100	0.0394	
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	1.18	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.00587	0.00100	0.00044	J
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	1.08	0.100	0.0309	J
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	5.17	0.100	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 MIX
Lab ID : L2447503-10
Client ID : FIELD BLANK
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 11:35
Date Received : 08/20/24
Date Analyzed : 08/27/24 18:17
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/26/24

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	ND	0.00050	0.00017	U
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	ND	0.100	0.0394	U
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	ND	0.100	0.0293	U
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 MIX
Lab ID : L2447503-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.csv
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 17:00
Date Received : 08/20/24
Date Analyzed : 08/27/24 13:50
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.727	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00048	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00478	0.00050	0.00016	
7440-39-3	Barium, Total	0.00780	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	69.1	0.100	0.0394	
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	0.00055	0.00050	0.00016	
7440-50-8	Copper, Total	0.00099	0.00100	0.00038	J
7439-89-6	Iron, Total	0.364	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	0.522	0.0700	0.0242	
7439-96-5	Manganese, Total	0.8728	0.00100	0.00044	J
7440-02-0	Nickel, Total	0.00388	0.00200	0.00055	
7440-09-7	Potassium, Total	25.8	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	51.6	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.01499	0.00500	0.00157	
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.csv
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 10:10
Date Received : 08/20/24
Date Analyzed : 08/27/24 13:55
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00558	0.0100	0.00327	J
7440-36-0	Antimony, Total	0.00059	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00027	0.00050	0.00016	J
7440-39-3	Barium, Total	0.03119	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	106.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00114	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00038	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00206	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	10.0	0.0700	0.0242	
7439-96-5	Manganese, Total	0.00051	0.00100	0.00044	J
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	14.4	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	7.21	0.100	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 MIX
Lab ID : L2447503-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.csv
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 08:40
Date Received : 08/20/24
Date Analyzed : 08/27/24 13:59
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/23/24

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	0.00086	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00049	0.00050	0.00016	J
7440-39-3	Barium, Total	0.08209	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	94.1	0.100	0.0394	
7440-47-3	Chromium, Total	0.00142	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00071	0.00050	0.00016	
7440-50-8	Copper, Total	0.00234	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	6.95	0.0700	0.0242	
7439-96-5	Manganese, Total	0.00554	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	31.0	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	37.6	0.100	0.0293	
7440-28-0	Thallium, Total	0.00026	0.00100	0.00014	J
7440-62-2	Vanadium, Total	0.00300	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 MIX
Lab ID : L2447503-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.csv
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 09:55
Date Received : 08/20/24
Date Analyzed : 08/27/24 14:04
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00508	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.06482	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	22.7	0.100	0.0394	
7440-47-3	Chromium, Total	0.00339	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	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	13.1	0.0700	0.0242	
7439-96-5	Manganese, Total	0.00143	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00112	0.00200	0.00055	J
7440-09-7	Potassium, Total	1.41	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	54.8	0.100	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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG1964175.csv
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:08
 Dilution Factor : 1
 Analyst : NTB
 Instrument ID : ICPMSQ2
 %Solids : N/A
 Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00954	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00833	0.00050	0.00017	J
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	6.72	0.100	0.0394	
7440-47-3	Chromium, Total	0.00018	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	1.13	0.0700	0.0242	
7439-96-5	Manganese, Total	0.00505	0.00100	0.00044	J
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	1.02	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	4.92	0.100	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 MIX
Lab ID : L2447503-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.csv
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 17:20
Date Received : 08/20/24
Date Analyzed : 08/27/24 14:13
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.0251	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.05608	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00006	0.00020	0.00005	J
7440-70-2	Calcium, Total	133.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00032	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00045	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00091	0.00100	0.00038	J
7439-89-6	Iron, Total	0.0398	0.0500	0.0191	J
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	22.8	0.0700	0.0242	
7439-96-5	Manganese, Total	3.259	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	28.2	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	34.8	0.100	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 MIX
Lab ID : L2447503-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.csv
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 11:50
Date Received : 08/20/24
Date Analyzed : 08/27/24 14:17
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00376	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00023	0.00050	0.00016	J
7440-39-3	Barium, Total	0.03855	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	35.0	0.100	0.0394	
7440-47-3	Chromium, Total	0.00075	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00016	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00202	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	3.37	0.0700	0.0242	
7439-96-5	Manganese, Total	0.00263	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	20.9	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	24.0	0.100	0.0293	
7440-28-0	Thallium, Total	0.00016	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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG1964175.csv
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:22
 Dilution Factor : 1
 Analyst : NTB
 Instrument ID : ICPMSQ2
 %Solids : N/A
 Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00455	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00442	0.00050	0.00017	J
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	6.38	0.100	0.0394	
7440-47-3	Chromium, Total	0.00020	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	1.18	0.0700	0.0242	
7439-96-5	Manganese, Total	0.00520	0.00100	0.00044	J
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	0.947	0.100	0.0309	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	5.14	0.100	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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG1964175.csv
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:36
 Dilution Factor : 1
 Analyst : NTB
 Instrument ID : ICPMSQ2
 %Solids : N/A
 Date Digested : 08/23/24

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
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	ND	0.00100	0.00017	U
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	0.100	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 MIX
Lab ID : L2447503-11
Client ID : EQUIPMENT BLANK
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG1964175.csv
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 09:30
Date Received : 08/20/24
Date Analyzed : 08/27/24 14:41
Dilution Factor : 1
Analyst : NTB
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 08/23/24

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
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	ND	0.00100	0.00017	U
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	0.00048	0.00100	0.00044	J
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	0.100	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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1962903.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 12:01
 Dilution Factor : 1
 Analyst : JWN
 Instrument ID : NIC2
 %Solids : N/A
 Date Digested : 08/23/24

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 MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1963424.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 14:36
 Dilution Factor : 1
 Analyst : DJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 08/23/24

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 MIX
Lab ID : L2447503-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG1963424.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 10:10
Date Received : 08/20/24
Date Analyzed : 08/24/24 14:39
Dilution Factor : 1
Analyst : DJR
Instrument ID : NIC3
%Solids : N/A
Date Digested : 08/23/24

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 MIX
Lab ID : L2447503-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG1963424.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 08:40
Date Received : 08/20/24
Date Analyzed : 08/24/24 14:42
Dilution Factor : 1
Analyst : DJR
Instrument ID : NIC3
%Solids : N/A
Date Digested : 08/23/24

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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1963424.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 14:45
 Dilution Factor : 1
 Analyst : DJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 08/23/24

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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1963424.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 14:57
 Dilution Factor : 1
 Analyst : DJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 08/23/24

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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1963424.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 15:01
 Dilution Factor : 1
 Analyst : DJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 08/23/24

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 MIX
Lab ID : L2447503-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG1963424.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 11:50
Date Received : 08/20/24
Date Analyzed : 08/24/24 15:04
Dilution Factor : 1
Analyst : DJR
Instrument ID : NIC3
%Solids : N/A
Date Digested : 08/23/24

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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1963424.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 15:07
 Dilution Factor : 1
 Analyst : DJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 08/23/24

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 MIX
 Lab ID : L2447503-10
 Client ID : FIELD BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1963424.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:35
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 15:11
 Dilution Factor : 1
 Analyst : DJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 08/23/24

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 MIX
 Lab ID : L2447503-11
 Client ID : EQUIPMENT BLANK
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1963424.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:30
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 15:14
 Dilution Factor : 1
 Analyst : DJR
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 08/23/24

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 MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1964330.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:07
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC2
 %Solids : N/A
 Date Digested : 08/26/24

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 MIX
Lab ID : L2447503-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG1964330.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 10:10
Date Received : 08/20/24
Date Analyzed : 08/27/24 14:11
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC2
%Solids : N/A
Date Digested : 08/26/24

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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1964330.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:14
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC2
 %Solids : N/A
 Date Digested : 08/26/24

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 MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1964330.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:17
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC2
 %Solids : N/A
 Date Digested : 08/26/24

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 MIX
Lab ID : L2447503-05
Client ID : MW-5S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG1964330.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 08:30
Date Received : 08/20/24
Date Analyzed : 08/27/24 14:21
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC2
%Solids : N/A
Date Digested : 08/26/24

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 MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1964330.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:43
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC2
 %Solids : N/A
 Date Digested : 08/26/24

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 MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1964330.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:57
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC2
 %Solids : N/A
 Date Digested : 08/26/24

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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1964330.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:47
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC2
 %Solids : N/A
 Date Digested : 08/26/24

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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG1964330.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 14:50
 Dilution Factor : 1
 Analyst : MJR
 Instrument ID : NIC2
 %Solids : N/A
 Date Digested : 08/26/24

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 MIX
Lab ID : L2447503-10
Client ID : FIELD BLANK
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG1964330.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 11:35
Date Received : 08/20/24
Date Analyzed : 08/27/24 14:53
Dilution Factor : 1
Analyst : MJR
Instrument ID : NIC2
%Solids : N/A
Date Digested : 08/26/24

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



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 107,-
 Lab File ID : WG1964465.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:00
 Dilution Factor : 1
 Analyst : MRM
 Instrument ID :
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Total Nitrogen	3.1	0.30	0.30	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 107,-
Lab File ID : WG1964465.csv
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 10:10
Date Received : 08/20/24
Date Analyzed : 08/27/24 13:00
Dilution Factor : 1
Analyst : MRM
Instrument ID :
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Total Nitrogen	1.9	0.30	0.30	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 107,-
Lab File ID : WG1964465.csv
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 08:40
Date Received : 08/20/24
Date Analyzed : 08/27/24 13:00
Dilution Factor : 1
Analyst : MRM
Instrument ID :
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Total Nitrogen	3.0	0.30	0.30	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 107,-
Lab File ID : WG1964465.csv
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 09:55
Date Received : 08/20/24
Date Analyzed : 08/27/24 13:00
Dilution Factor : 1
Analyst : MRM
Instrument ID :
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Total Nitrogen	0.55	0.30	0.30	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 107,-
 Lab File ID : WG1964465.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:00
 Dilution Factor : 1
 Analyst : MRM
 Instrument ID :
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Total Nitrogen	1.2	0.30	0.30	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 107,-
 Lab File ID : WG1964465.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:00
 Dilution Factor : 1
 Analyst : MRM
 Instrument ID :
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Total Nitrogen	2.3	0.30	0.30	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 107,-
Lab File ID : WG1964465.csv
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 15:55
Date Received : 08/20/24
Date Analyzed : 08/27/24 13:00
Dilution Factor : 1
Analyst : MRM
Instrument ID :
%Solids : N/A
Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Total Nitrogen	6.9	0.30	0.30	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 107,-
 Lab File ID : WG1964465.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:00
 Dilution Factor : 1
 Analyst : MRM
 Instrument ID :
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Total Nitrogen	0.65	0.30	0.30	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 107,-
 Lab File ID : WG1964465.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 13:00
 Dilution Factor : 1
 Analyst : MRM
 Instrument ID :
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Total Nitrogen	1.2	0.30	0.30	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320240826-A
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 09:37
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	3.12	0.300	0.066	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500NH3-H
Lab File ID : NH320240826-A
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 10:10
Date Received : 08/20/24
Date Analyzed : 08/26/24 09:38
Dilution Factor : 1
Analyst : KEP
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.346	0.300	0.066	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500NH3-H
Lab File ID : NH320240826-A
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 08:40
Date Received : 08/20/24
Date Analyzed : 08/26/24 09:39
Dilution Factor : 1
Analyst : KEP
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.240	0.300	0.066	J J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320240826-A
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 09:40
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.112	0.300	0.066	J J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320240826-A
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 09:41
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/23/24

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 MIX
Lab ID : L2447503-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500NH3-H
Lab File ID : NH320240826-A
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 17:20
Date Received : 08/20/24
Date Analyzed : 08/26/24 09:42
Dilution Factor : 1
Analyst : KEP
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	1.70	0.300	0.066	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500NH3-H
Lab File ID : NH320240826-A
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 15:55
Date Received : 08/20/24
Date Analyzed : 08/26/24 09:43
Dilution Factor : 1
Analyst : KEP
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.322	0.300	0.066	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320240826-A
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 09:44
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.288	0.300	0.066	J J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NH3-H
 Lab File ID : NH320240826-A
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 09:48
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/23/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Nitrogen, Total Kjeldahl	0.109	0.300	0.066	J J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,350.1
 Lab File ID : NH320240826-C
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 11:49
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	2.83	0.075	0.024	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-02
Client ID : MW-2S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,350.1
Lab File ID : NH320240826-C
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 10:10
Date Received : 08/20/24
Date Analyzed : 08/26/24 11:28
Dilution Factor : 1
Analyst : KEP
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 08/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.093	0.075	0.024	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,350.1
 Lab File ID : NH320240826-C
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 11:29
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.161	0.075	0.024	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,350.1
 Lab File ID : NH320240826-C
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 11:30
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/26/24

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



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,350.1
 Lab File ID : NH320240826-C
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 11:31
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/26/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.030	0.075	0.024	J J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,350.1
Lab File ID : NH320240827-D
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 17:20
Date Received : 08/20/24
Date Analyzed : 08/27/24 11:16
Dilution Factor : 1
Analyst : KEP
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 08/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	1.99	0.075	0.024	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,350.1
Lab File ID : NH320240827-D
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 15:55
Date Received : 08/20/24
Date Analyzed : 08/27/24 11:17
Dilution Factor : 1
Analyst : KEP
Instrument ID : LACHAT
%Solids : N/A
Date Digested : 08/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.174	0.075	0.024	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,350.1
 Lab File ID : NH320240827-D
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 11:18
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.169	0.075	0.024	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,350.1
 Lab File ID : NH320240827-D
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 11:20
 Dilution Factor : 1
 Analyst : KEP
 Instrument ID : LACHAT
 %Solids : N/A
 Date Digested : 08/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7664-41-7	Nitrogen, Ammonia	0.038	0.075	0.024	J J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3240824-A1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 05:50
 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 MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3240824-A1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 05:51
 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	1.6	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3240824-A1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 05:52
 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	3.0	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-04
Client ID : MW-4D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500NO3-F
Lab File ID : NO3240824-A1
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 09:55
Date Received : 08/20/24
Date Analyzed : 08/24/24 05:53
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	0.55	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3240824-A1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 05:54
 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	1.2	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3240824-A1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 05:59
 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	0.61	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3240824-A1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 06:00
 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	6.6	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-08
Client ID : MW-8S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500NO3-F
Lab File ID : NO3240824-A1
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 11:50
Date Received : 08/20/24
Date Analyzed : 08/24/24 06:01
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	0.65	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500NO3-F
 Lab File ID : NO3240824-A1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 06:02
 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	1.2	0.10	0.046	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG1963687.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 04:25
 Dilution Factor : 2
 Analyst : DEW
 Instrument ID : BALANCE#22
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
NONE	Solids, Total Dissolved	390	20	6.1	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG1963687.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 04:25
 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	340	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG1963687.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 04:25
 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	470	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG1963687.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 04:25
 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 MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG1963687.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 04:25
 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	38.	13	4.0	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG1963687.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 04:25
 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	580	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG1963687.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 04:25
 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	530	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG1963687.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 04:25
 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	220	13	4.0	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2540C
 Lab File ID : WG1963687.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/26/24 04:25
 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	18.	13	4.0	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 240824-1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 10:52
 Dilution Factor : 1
 Analyst : MRM
 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	253.	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 240824-1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 10:58
 Dilution Factor : 1
 Analyst : MRM
 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	127.	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 240824-1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 11:02
 Dilution Factor : 1
 Analyst : MRM
 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	48.9	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 240824-1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 11:04
 Dilution Factor : 1
 Analyst : MRM
 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	10.5	2.00	NA	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 240824-1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 11:05
 Dilution Factor : 1
 Analyst : MRM
 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	278.	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,2320B
Lab File ID : 240824-1
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 15:55
Date Received : 08/20/24
Date Analyzed : 08/24/24 11:13
Dilution Factor : 1
Analyst : MRM
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	277.	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : 240824-1
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 11:20
 Dilution Factor : 1
 Analyst : MRM
 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	76.4	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-09
Client ID : DUP
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,2320B
Lab File ID : 240824-1
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 00:00
Date Received : 08/20/24
Date Analyzed : 08/24/24 11:30
Dilution Factor : 1
Analyst : MRM
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	14.1	2.00	NA	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,2320B
Lab File ID : WG1963432.csv
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 17:00
Date Received : 08/20/24
Date Analyzed : 08/24/24 07:15
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	21.2	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,2320B
 Lab File ID : WG1963433.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/24/24 07:15
 Dilution Factor : 1
 Analyst : MRM
 Instrument ID :
 %Solids : N/A
 Date Digested :

CAS NO.	Parameter	mg CaCO ₃ /L			Qualifier
		Results	RL	MDL	
71-52-3	Alkalinity, Bicarbonate	55.6	2.00	NA	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-01
Client ID : MW-1S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500P-E(M)
Lab File ID : PHOS082724-WG1963968.csv
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 17:00
Date Received : 08/20/24
Date Analyzed : 08/27/24 11:27
Dilution Factor : 1
Analyst : EYA
Instrument ID : SEAL2
%Solids : N/A
Date Digested : 08/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.055	0.031	0.012	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500P-E(M)
 Lab File ID : PHOS082724-WG1963968.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 11:28
 Dilution Factor : 1
 Analyst : EYA
 Instrument ID : SEAL2
 %Solids : N/A
 Date Digested : 08/27/24

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 MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500P-E(M)
 Lab File ID : PHOS082724-WG1963968.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 11:29
 Dilution Factor : 1
 Analyst : EYA
 Instrument ID : SEAL2
 %Solids : N/A
 Date Digested : 08/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.037	0.031	0.012	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500P-E(M)
 Lab File ID : PHOS082724-WG1963968.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 11:30
 Dilution Factor : 1
 Analyst : EYA
 Instrument ID : SEAL2
 %Solids : N/A
 Date Digested : 08/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.031	0.031	0.012	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500P-E(M)
 Lab File ID : PHOS082724-WG1963968.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 11:31
 Dilution Factor : 1
 Analyst : EYA
 Instrument ID : SEAL2
 %Solids : N/A
 Date Digested : 08/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.012	0.031	0.012	J



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-06
Client ID : MW-6D
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500P-E(M)
Lab File ID : PHOS082724-WG1963968.csv
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 17:20
Date Received : 08/20/24
Date Analyzed : 08/27/24 11:32
Dilution Factor : 1
Analyst : EYA
Instrument ID : SEAL2
%Solids : N/A
Date Digested : 08/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.058	0.031	0.012	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-07
Client ID : MW-7S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 121,4500P-E(M)
Lab File ID : PHOS082724-WG1963968.csv
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/19/24 15:55
Date Received : 08/20/24
Date Analyzed : 08/27/24 11:36
Dilution Factor : 1
Analyst : EYA
Instrument ID : SEAL2
%Solids : N/A
Date Digested : 08/27/24

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 MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500P-E(M)
 Lab File ID : PHOS082724-WG1963968.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 11:37
 Dilution Factor : 1
 Analyst : EYA
 Instrument ID : SEAL2
 %Solids : N/A
 Date Digested : 08/27/24

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 MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 121,4500P-E(M)
 Lab File ID : PHOS082724-WG1963968.csv
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/27/24 11:38
 Dilution Factor : 1
 Analyst : EYA
 Instrument ID : SEAL2
 %Solids : N/A
 Date Digested : 08/27/24

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7723-14-0	Phosphate, Total	0.012	0.031	0.012	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 13:52
 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	0.121	0.050	0.013	
16887-00-6	Chloride	49.0	0.500	0.083	
16984-48-8	Fluoride	0.093	0.050	0.037	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-01
 Client ID : MW-1S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 17:41
 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	171.	10.0	4.54	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-02
 Client ID : MW-2S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 10:10
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 14:04
 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	4.44	0.500	0.083	
16984-48-8	Fluoride	0.084	0.050	0.037	
14808-79-8	Sulfate	30.9	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-03
 Client ID : MW-3S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:40
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 17:53
 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	53.2	5.00	0.839	
14808-79-8	Sulfate	154.	10.0	4.54	



Form 1

WETCHEM

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Lab ID : L2447503-03
Client ID : MW-3S
Sample Location : SPEONK, NY
Sample Matrix : WATER
Analytical Method : 44,300.0
Lab File ID : WG1963098-100-294-295-296
Sample Amount :
Digestion Method :

Lab Number : L2447503
Project Number : 20116
Date Collected : 08/20/24 08:40
Date Received : 08/20/24
Date Analyzed : 08/23/24 14:16
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	0.103	0.050	0.013	
16984-48-8	Fluoride	0.139	0.050	0.037	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 18:22
 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	139.	5.00	0.839	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-04
 Client ID : MW-4D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 09:55
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 14:28
 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
16984-48-8	Fluoride	0.043	0.050	0.037	J
14808-79-8	Sulfate	9.92	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-05
 Client ID : MW-5S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 08:30
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 17:29
 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	8.12	0.500	0.083	
16984-48-8	Fluoride	ND	0.050	0.037	U
14808-79-8	Sulfate	7.95	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 14:52
 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	0.148	0.050	0.013	
16984-48-8	Fluoride	0.044	0.050	0.037	J



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-06
 Client ID : MW-6D
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 17:20
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 19:23
 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	60.5	5.00	0.839	
14808-79-8	Sulfate	123.	10.0	4.54	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-07
 Client ID : MW-7S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/19/24 15:55
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 15:04
 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	0.117	0.050	0.013	
16887-00-6	Chloride	25.2	0.500	0.083	
16984-48-8	Fluoride	0.040	0.050	0.037	J
14808-79-8	Sulfate	98.6	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-08
 Client ID : MW-8S
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 11:50
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 15:16
 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	0.075	0.050	0.013	
16887-00-6	Chloride	24.2	0.500	0.083	
16984-48-8	Fluoride	0.051	0.050	0.037	
14808-79-8	Sulfate	48.3	1.00	0.454	



Form 1

WETCHEM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : L2447503-09
 Client ID : DUP
 Sample Location : SPEONK, NY
 Sample Matrix : WATER
 Analytical Method : 44,300.0
 Lab File ID : WG1963098-100-294-295-296
 Sample Amount :
 Digestion Method :

Lab Number : L2447503
 Project Number : 20116
 Date Collected : 08/20/24 00:00
 Date Received : 08/20/24
 Date Analyzed : 08/23/24 15:28
 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	8.28	0.500	0.083	
16984-48-8	Fluoride	ND	0.050	0.037	U
14808-79-8	Sulfate	8.14	1.00	0.454	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2447503

Sample Description:

Work Order: 24H3611

Date Received: 8/23/2024

Field Sample #: MW-1S

Sampled: 8/19/2024 17:00

Sample ID: 24H3611-01

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/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	H-01 JJ	SM21-23 4500S-F	8/27/24	8/29/24 9:30	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2447503

Sample Description:

Work Order: 24H3611

Date Received: 8/23/2024

Field Sample #: MW-2S

Sampled: 8/20/2024 10:10

Sample ID: 24H3611-02

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/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	H-01 UJ	SM21-23 4500S-F	8/27/24	8/29/24 9:30	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2447503

Sample Description:

Work Order: 24H3611

Date Received: 8/23/2024

Field Sample #: MW-3S

Sampled: 8/20/2024 08:40

Sample ID: 24H3611-03

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/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	H-01 UJ	SM21-23 4500S-F	8/27/24	8/29/24 9:30	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2447503

Sample Description:

Work Order: 24H3611

Date Received: 8/23/2024

Field Sample #: MW-4D

Sampled: 8/20/2024 09:55

Sample ID: 24H3611-04

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/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	H-01 JJ	SM21-23 4500S-F	8/27/24	8/29/24 9:30	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2447503

Sample Description:

Work Order: 24H3611

Date Received: 8/23/2024

Field Sample #: MW-5S

Sampled: 8/20/2024 08:30

Sample ID: 24H3611-05

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/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	H-01 UJ	SM21-23 4500S-F	8/27/24	8/29/24 9:30	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2447503

Sample Description:

Work Order: 24H3611

Date Received: 8/23/2024

Sampled: 8/19/2024 17:20

Field Sample #: MW-6D

Sample ID: 24H3611-06

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/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	H-01 JJ	SM21-23 4500S-F	8/27/24	8/29/24 9:30	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2447503

Sample Description:

Work Order: 24H3611

Date Received: 8/23/2024

Field Sample #: MW-7S

Sampled: 8/19/2024 15:55

Sample ID: 24H3611-07

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/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	H-01 JJ	SM21-23 4500S-F	8/27/24	8/29/24 9:30	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2447503

Sample Description:

Work Order: 24H3611

Date Received: 8/23/2024

Field Sample #: MW-8S

Sampled: 8/20/2024 11:50

Sample ID: 24H3611-08

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/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	H-01 JJ	SM21-23 4500S-F	8/27/24	8/29/24 9:30	DET

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: L2447503

Sample Description:

Work Order: 24H3611

Date Received: 8/23/2024

Field Sample #: DUP

Sampled: 8/20/2024 00:00

Sample ID: 24H3611-09

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/PHA/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	H-01 JJ	SM21-23 4500S-F	8/27/24	8/29/24 9:30	DET



ANALYTICAL RESULTS

Project: L2447503

Pace Project No.: 50381097

Sample: MW-1S		Lab ID: 50381097001		Collected: 08/19/24 17:00		Received: 08/27/24 09:05		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	08/31/24 17:41				

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: L2447503

Pace Project No.: 50381097

Sample: MW-2S		Lab ID: 50381097002		Collected: 08/20/24 10:10		Received: 08/27/24 09:05		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		08/31/24 18:32			

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ANALYTICAL RESULTS

Project: L2447503

Pace Project No.: 50381097

Sample: MW-3S		Lab ID: 50381097003		Collected: 08/20/24 08:40		Received: 08/27/24 09:05		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		08/31/24 18:50			

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ANALYTICAL RESULTS

Project: L2447503

Pace Project No.: 50381097

Sample: MW-4D		Lab ID: 50381097004		Collected: 08/20/24 09:55		Received: 08/27/24 09:05		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	08/31/24 19:07				

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ANALYTICAL RESULTS

Project: L2447503

Pace Project No.: 50381097

Sample: MW-5S		Lab ID: 50381097005		Collected: 08/20/24 08:30		Received: 08/27/24 09:05		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		08/31/24 19:24			

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ANALYTICAL RESULTS

Project: L2447503
Pace Project No.: 50381097

Sample: MW-6D		Lab ID: 50381097006		Collected: 08/19/24 17:20		Received: 08/27/24 09:05		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		08/31/24 19:42			

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ANALYTICAL RESULTS

Project: L2447503
Pace Project No.: 50381097

Sample: MW-7S		Lab ID: 50381097007		Collected: 08/19/24 15:55		Received: 08/27/24 09:05		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		08/31/24 20:33			

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ANALYTICAL RESULTS

Project: L2447503

Pace Project No.: 50381097

Sample: MW-8S		Lab ID: 50381097008		Collected: 08/20/24 11:50		Received: 08/27/24 09:05		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		08/31/24 20:51			

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: L2447503

Pace Project No.: 50381097

Sample: DUP		Lab ID: 50381097009		Collected: 08/20/24 00:00		Received: 08/27/24 09:05		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		08/31/24 21:08			

REPORT OF LABORATORY ANALYSIS

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Metals (ICPMS) by Method 200.8

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Uranium	0.110	J	0.0854	1.00	1	09/12/2024 18:23	WG2356031

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Metals (ICPMS) by Method 200.8

Analyte	Result ug/l	<u>Qualifier</u>	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	<u>Batch</u>
Uranium	U		0.0854	1.00	1	09/12/2024 18:27	WG2356031

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	0.570	J	0.0854	1.00	1	09/12/2024 17:42	WG2356031

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Metals (ICPMS) by Method 200.8

Analyte	Result ug/l	<u>Qualifier</u>	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	<u>Batch</u>
Uranium	U		0.0854	1.00	1	09/12/2024 18:30	WG2356031

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Metals (ICPMS) by Method 200.8

Analyte	Result ug/l	<u>Qualifier</u>	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	<u>Batch</u>
Uranium	U		0.0854	1.00	1	09/12/2024 18:40	WG2356031

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Metals (ICPMS) by Method 200.8

Analyte	Result ug/l	<u>Qualifier</u>	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	<u>Batch</u>
Uranium	U		0.0854	1.00	1	09/12/2024 18:43	WG2356031

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		0.0854	1.00	1	09/12/2024 18:47	WG2356031

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: L2447503**

**8 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, 1 Equipment Blank, and 1 Trip Blank
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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 RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 for GONZO on 07-12-24. The average RRFs for 10 compounds (highlighted yellow on attached Form 6) were below the method minimums, but not below 0.010 for VOA122 on 07-29-24. 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 RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 on 08-23-24 (VG240823A01). The average RRFs for 11 compounds (highlighted yellow on attached Form 7) were below the method minimums, but not below 0.010 on 08-23-24 (V22240823N01). The %D for bromomethane was above the method maximum on 08-23-24 (VG240823A01). The %Ds for dichlorodifluoromethane, bromomethane, 4-methyl-2-pentanone, and trans-1,3-dichloropropene were above the method maximum on 08-23-24 (V22240823N01). 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 %Ds for bromomethane and 1,4-dioxane were above the allowable maximum (20%) on 08-23-24 (VG240823A01). The %Ds for dichlorodifluoromethane, bromomethane, 4-methyl-2-pentanone, and trans-1,3-dichloropropene were above the allowable maximum (20%) on 08-23-24 (V22240823N01). Positive results for these compounds should be considered estimated (J) in associated samples.

The RRF for 1,4-dioxane was below the allowable minimum (0.001) on 08-23-24 (V22240823N01). Positive results for 1,4-dioxane should be considered estimated and “not detected” results rejected, unusable in associated samples.

Blanks: The analyses of method, trip, field, and equipment blanks reported target compounds as not detected.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples, trip blank, field blank, and equipment blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for bromomethane was above the allowable maximum and 2 of 2 percent recoveries for bromomethane were below QC limits, but not below 30% for aqueous MS/MSD sample MW-7S. The “not detected” result for bromomethane should be considered estimated (UJ) in sample MW-7S.

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for aqueous samples WG1963652-3/4.

The %Rs for target compounds were within QC limits, but the RPD for methyl acetate was above the allowable maximum for aqueous samples WG1963895-3/4. Positive results for methyl acetate should be considered estimated (J) in the associated aqueous samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/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 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 MIX
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG1963895-3** Analysis Date : 08/23/24 07:49 File ID : VG240823A01
 LCSD Sample ID : **WG1963895-4** Analysis Date : 08/23/24 08:13 File ID : VG240823A02

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	9.9	99	10	10	100	1	70-130	20
1,1-Dichloroethane	10	11	110	10	11	110	0	70-130	20
Chloroform	10	10	100	10	11	110	10	70-130	20
Carbon tetrachloride	10	10	100	10	10	100	0	63-132	20
1,2-Dichloropropane	10	10	100	10	11	110	10	70-130	20
Dibromochloromethane	10	9.9	99	10	11	110	11	63-130	20
1,1,2-Trichloroethane	10	10	100	10	11	110	10	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	10	100	10	11	110	10	75-130	20
Trichlorofluoromethane	10	10	100	10	9.7	97	3	62-150	20
1,2-Dichloroethane	10	11	110	10	11	110	0	70-130	20
1,1,1-Trichloroethane	10	10	100	10	9.8	98	2	67-130	20
Bromodichloromethane	10	10	100	10	10	100	0	67-130	20
trans-1,3-Dichloropropene	10	9.8	98	10	11	110	12	70-130	20
cis-1,3-Dichloropropene	10	9.7	97	10	10	100	3	70-130	20
Bromoform	10	8.8	88	10	9.8	98	11	54-136	20
1,1,2,2-Tetrachloroethane	10	10	100	10	11	110	10	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	10	100	10	9.8	98	2	64-130	20
Bromomethane	10	7.2	72	10	6.4	64	12	39-139	20
Vinyl chloride	10	10	100	10	10	100	0	55-140	20
Chloroethane	10	12	120	10	13	130	8	55-138	20
1,1-Dichloroethene	10	10	100	10	9.6	96	4	61-145	20
trans-1,2-Dichloroethene	10	10	100	10	9.8	98	2	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG1963895-3** Analysis Date : 08/23/24 07:49 File ID : VG240823A01
 LCSD Sample ID : **WG1963895-4** Analysis Date : 08/23/24 08:13 File ID : VG240823A02

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	9.7	97	10	9.6	96	1	70-130	20
1,2-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
1,3-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
1,4-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
Methyl tert butyl ether	10	8.6	86	10	9.7	97	12	63-130	20
p/m-Xylene	20	20	100	20	21	105	5	70-130	20
o-Xylene	20	20	100	20	20	100	0	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Styrene	20	20	100	20	21	105	5	70-130	20
Dichlorodifluoromethane	10	9.5	95	10	8.8	88	8	36-147	20
Acetone	10	9.1	91	10	10	100	9	58-148	20
Carbon disulfide	10	11	110	10	10	100	10	51-130	20
2-Butanone	10	11	110	10	12	120	9	63-138	20
4-Methyl-2-pentanone	10	9.3	93	10	11	110	17	59-130	20
2-Hexanone	10	9.0	90	10	11	110	20	57-130	20
Bromochloromethane	10	9.5	95	10	10	100	5	70-130	20
1,2-Dibromoethane	10	9.5	95	10	10	100	5	70-130	20
1,2-Dibromo-3-chloropropane	10	8.0	80	10	9.8	98	20	41-144	20
Isopropylbenzene	10	9.5	95	10	9.7	97	2	70-130	20
1,2,3-Trichlorobenzene	10	8.8	88	10	10	100	13	70-130	20
1,2,4-Trichlorobenzene	10	9.2	92	10	10	100	8	70-130	20
Methyl Acetate	10	8.7	87	10	11	110	23 Q	70-130	20
Cyclohexane	10	11	110	10	9.9	99	11	70-130	20
1,4-Dioxane	500	370	74	500	430	86	15	56-162	20
Freon-113	10	10	100	10	9.2	92	8	70-130	20
Methyl cyclohexane	10	9.8	98	10	8.7	87	12	70-130	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Client Sample ID : **MW-7S**
 Lab Sample ID : L2447503-07
 Matrix Spike : WG1963652-6
 Matrix Spike Dup : WG1963652-7

Lab Number : L2447503
 Project Number : 20116
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/23/24 20:36
 MS Analysis Date : 08/24/24 02:29
 MSD Analysis Date : 08/24/24 02:54

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			
Methylene chloride	ND	10	9.4	94	10	9.7	97	3	70-130	20
1,1-Dichloroethane	ND	10	10	100	10	11	110	10	70-130	20
Chloroform	ND	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	ND	10	11	110	10	12	120	9	63-132	20
1,2-Dichloropropane	ND	10	11	110	10	11	110	0	70-130	20
Dibromochloromethane	ND	10	9.3	93	10	9.4	94	1	63-130	20
1,1,2-Trichloroethane	ND	10	9.8	98	10	10	100	2	70-130	20
Tetrachloroethene	ND	10	12	120	10	12	120	0	70-130	20
Chlorobenzene	ND	10	10	100	10	10	100	0	75-130	20
Trichlorofluoromethane	ND	10	11	110	10	11	110	0	62-150	20
1,2-Dichloroethane	ND	10	10	100	10	10	100	0	70-130	20
1,1,1-Trichloroethane	ND	10	11	110	10	11	110	0	67-130	20
Bromodichloromethane	ND	10	10	100	10	10	100	0	67-130	20
trans-1,3-Dichloropropene	ND	10	8.7	87	10	9.1	91	4	70-130	20
cis-1,3-Dichloropropene	ND	10	10	100	10	10	100	0	70-130	20
Bromoform	ND	10	9.8	98	10	9.9	99	1	54-136	20
1,1,2,2-Tetrachloroethane	ND	10	9.8	98	10	10	100	2	67-130	20
Benzene	ND	10	11	110	10	11	110	0	70-130	20
Toluene	ND	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	ND	10	10	100	10	11	110	10	70-130	20
Chloromethane	ND	10	8.5	85	10	9.0	90	6	64-130	20
Bromomethane	ND	10	3.4	34 Q	10	4.6	46	30 Q	39-139	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Client Sample ID : **MW-7S**
 Lab Sample ID : L2447503-07
 Matrix Spike : WG1963652-6
 Matrix Spike Dup : WG1963652-7

Lab Number : L2447503
 Project Number : 20116
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/23/24 20:36
 MS Analysis Date : 08/24/24 02:29
 MSD Analysis Date : 08/24/24 02:54

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			
Vinyl chloride	ND	10	11	110	10	11	110	0	55-140	20
Chloroethane	ND	10	11	110	10	11	110	0	55-138	20
1,1-Dichloroethene	ND	10	11	110	10	11	110	0	61-145	20
trans-1,2-Dichloroethene	ND	10	10	100	10	10	100	0	70-130	20
Trichloroethene	ND	10	10	100	10	10	100	0	70-130	20
1,2-Dichlorobenzene	ND	10	10	100	10	10	100	0	70-130	20
1,3-Dichlorobenzene	ND	10	10	100	10	10	100	0	70-130	20
1,4-Dichlorobenzene	ND	10	10	100	10	10	100	0	70-130	20
Methyl tert butyl ether	ND	10	11	110	10	11	110	0	63-130	20
p/m-Xylene	ND	20	21	105	20	22	110	5	70-130	20
o-Xylene	ND	20	21	105	20	22	110	5	70-130	20
cis-1,2-Dichloroethene	ND	10	10	100	10	10	100	0	70-130	20
Styrene	ND	20	21	105	20	22	110	5	70-130	20
Dichlorodifluoromethane	ND	10	7.4	74	10	7.8	78	5	36-147	20
Acetone	ND	10	10	100	10	11	110	10	58-148	20
Carbon disulfide	ND	10	11	110	10	11	110	0	51-130	20
2-Butanone	ND	10	9.9	99	10	10	100	1	63-138	20
4-Methyl-2-pentanone	ND	10	10	100	10	11	110	10	59-130	20
2-Hexanone	ND	10	9.8	98	10	10	100	2	57-130	20
Bromochloromethane	ND	10	10	100	10	11	110	10	70-130	20
1,2-Dibromoethane	ND	10	10	100	10	10	100	0	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	9.5	95	10	9.9	99	4	41-144	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Client Sample ID : **MW-7S**
 Lab Sample ID : L2447503-07
 Matrix Spike : WG1963652-6
 Matrix Spike Dup : WG1963652-7

Lab Number : L2447503
 Project Number : 20116
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/23/24 20:36
 MS Analysis Date : 08/24/24 02:29
 MSD Analysis Date : 08/24/24 02:54

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			
Isopropylbenzene	ND	10	11	110	10	11	110	0	70-130	20
1,2,3-Trichlorobenzene	ND	10	11	110	10	11	110	0	70-130	20
1,2,4-Trichlorobenzene	ND	10	11	110	10	11	110	0	70-130	20
Methyl Acetate	ND	10	9.0	90	10	9.3	93	3	70-130	20
Cyclohexane	ND	10	11	110	10	12	120	9	70-130	20
1,4-Dioxane	ND	500	560	112	500	630	126	12	56-162	20
Freon-113	ND	10	11	110	10	11	110	0	70-130	20
Methyl cyclohexane	ND	10	11	110	10	11	110	0	70-130	20



Initial Calibration Summary

Form 6

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : GONZO
 Calibration dates : 07/12/24 21:20 07/13/24 00:56

Lab Number : L2447503
 Project Number : 20116
 Ical Ref : ICAL21287

Calibration Files

L11 =VG240712P03.D L1 =VG240712P06.D L2 =VG240712P07.D L3 =VG240712P08.D L4 =VG240712P09.D
 L6 =VG240712P10.D L8 =VG240712P11.D L10 =VG240712P12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.203	0.284	0.294	0.290	0.281	0.234	0.273	0.265	12.90
3) TP Chloromethane		0.237	0.243	0.227	0.229	0.227	0.190	0.236	0.227	7.62
4) TP Vinyl chloride	0.191	0.177	0.268	0.263	0.256	0.251	0.211	0.266	0.235	15.50
5) TP Bromomethane		0.089	0.117	0.124	0.130	0.151	0.136		0.125	16.72
6) TP Chloroethane		0.165	0.201	0.188	0.190	0.192	0.160	0.163	0.180	9.11
7) TP Trichlorofluor		0.246	0.359	0.340	0.382	0.375	0.318	0.394	0.345	14.74
8) TP Ethyl ether		0.107	0.125	0.114	0.114	0.117	0.100	0.124	0.115	7.96
10) TP 1,1-Dichloroet		0.136	0.194	0.200	0.204	0.202	0.172	0.216	0.189	14.31
11) TP Carbon disulfide		0.447	0.585	0.573	0.562	0.581	0.503	0.644	0.556	11.38
12) TP Freon-113		0.150	0.220	0.215	0.226	0.224	0.188	0.228	0.208	13.82
13) TP Iodomethane			0.298	0.350	0.383	0.407	0.333	0.421	0.365	12.81
14) TP Acrolein		0.034	0.029	0.034	0.032	0.034	0.029	0.036	0.033	8.15
15) TP Methylene chlo		0.251	0.229	0.224	0.219	0.223	0.186	0.233	0.224	8.80
17) TP Acetone			0.075	0.048	0.051	0.050	0.042	0.052	*L	0.9901
18) TP trans-1,2-Dich		0.159	0.222	0.218	0.215	0.219	0.182	0.233	0.207	12.68
19) TP Methyl acetate			0.154	0.111	0.107	0.110	0.092	0.115	0.115	17.92
20) TP Methyl tert butyl ether		0.590	0.643	0.631	0.652	0.672	0.559	0.708	0.636	7.82
21) TP tert-Butyl alc		0.016	0.017	0.017	0.018	0.019	0.016	0.020	0.018	8.32
22) TP Diisopropyl ether		0.541	0.639	0.669	0.682	0.702	0.582	0.734	0.650	10.50
23) TP 1,1-Dichloroet		0.306	0.400	0.395	0.386	0.395	0.331	0.410	0.375	10.68
24) TP Halothane		0.143	0.173	0.180	0.180	0.182	0.153	0.192	0.172	10.04
25) TP Acrylonitrile			0.052	0.058	0.059	0.063	0.053	0.067	0.058	10.02
26) TP Ethyl tert-but		0.551	0.632	0.643	0.664	0.687	0.570	0.728	0.639	9.79
27) TP Vinyl acetate		0.286	0.333	0.370	0.382	0.372	0.337	0.351	0.347	9.47
28) TP cis-1,2-Dichlo		0.198	0.259	0.245	0.246	0.248	0.208	0.263	0.238	10.52
29) TP 2,2-Dichloropr		0.292	0.331	0.321	0.320	0.324	0.267	0.333	0.313	7.81
30) TP Bromochloromet		0.110	0.121	0.121	0.119	0.121	0.100	0.123	0.116	7.32
31) TP Cyclohexane		0.258	0.366	0.374	0.400	0.384	0.321	0.385	0.356	13.97
32) TP Chloroform		0.339	0.386	0.407	0.392	0.405	0.331	0.426	0.384	9.27
33) TP Ethyl acetate			0.167	0.162	0.175	0.179	0.150	0.186	0.170	7.75
34) TP Carbon tetrachloride	0.226	0.257	0.327	0.345	0.346	0.343	0.287	0.356	0.311	15.54
35) TP Tetrahydrofuran			0.061	0.059	0.056	0.055	0.046	0.057	0.056	9.03
36) S Dibromofluoromethane	0.266	0.264	0.262	0.260	0.260	0.258	0.259	0.263	0.261	1.02
37) TP 1,1,1-Trichlor		0.286	0.360	0.374	0.377	0.377	0.314	0.390	0.354	10.89
39) TP 2-Butanone			0.055	0.072	0.076	0.080	0.067	0.084	0.073	14.30



Initial Calibration Summary

Form 6

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : GONZO
 Calibration dates : 07/12/24 21:20 07/13/24 00:56

Lab Number : L2447503
 Project Number : 20116
 Ical Ref : ICAL21287

Calibration Files

L11 =VG240712P03.D L1 =VG240712P06.D L2 =VG240712P07.D L3 =VG240712P08.D L4 =VG240712P09.D
 L6 =VG240712P10.D L8 =VG240712P11.D L10 =VG240712P12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP 1,1-Dichloropr		0.207	0.287	0.297	0.312	0.305	0.256	0.317	0.283	13.83
41) TP Benzene	0.745	0.717	0.890	0.923	0.917	0.917	0.768	0.976	0.857	11.42
42) TP Tertiary-Amyl Methyl Ether		0.544	0.559	0.586	0.605	0.621	0.519	0.662	0.585	8.39
43) S 1,2-Dichloroethane-d4	0.288	0.279	0.281	0.289	0.268	0.272	0.264	0.278	0.277	3.23
44) TP 1,2-Dichloroet		0.270	0.289	0.274	0.278	0.279	0.231	0.290	0.273	7.30
47) TP Methyl cyclohe		0.234	0.330	0.364	0.384	0.364	0.301	0.353	0.333	15.41
48) TP Trichloroethene	0.246	0.210	0.248	0.249	0.253	0.250	0.207	0.270	0.242	9.05
50) TP Dibromomethane		0.135	0.140	0.139	0.136	0.137	0.114	0.144	0.135	7.28
51) TP 1,2-Dichloropr		0.171	0.219	0.220	0.219	0.221	0.183	0.231	0.209	10.76
53) TP 2-Chloroethyl		0.109	0.117	0.122	0.135	0.140	0.117	0.146	0.126	10.96
54) TP Bromodichlorom		0.278	0.312	0.313	0.314	0.321	0.264	0.334	0.305	8.10
57) TP 1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	3.92
58) TP cis-1,3-Dichlo		0.308	0.338	0.350	0.350	0.359	0.301	0.383	0.341	8.39
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.258	1.266	1.270	1.267	1.248	1.246	1.258	1.232	1.255	1.03
61) TP Toluene		0.628	0.724	0.733	0.716	0.720	0.606	0.738	0.695	7.82
62) TP 4-Methyl-2-pen		0.061	0.077	0.079	0.081	0.083	0.070	0.086	0.077	11.14
63) TP Tetrachloroethene		0.238	0.323	0.326	0.324	0.321	0.274	0.329	0.305	11.51
65) TP trans-1,3-Dich		0.347	0.369	0.394	0.389	0.403	0.341	0.421	0.380	7.79
67) TP Ethyl methacry		0.299	0.305	0.320	0.331	0.340	0.287	0.358	0.320	7.77
68) TP 1,1,2-Trichlor		0.191	0.188	0.193	0.193	0.198	0.166	0.207	0.191#	6.61
69) TP Chlorodibromom		0.263	0.303	0.312	0.311	0.320	0.270	0.331	0.302	8.47
70) TP 1,3-Dichloropr		0.367	0.389	0.397	0.386	0.392	0.327	0.403	0.380	6.83
71) TP 1,2-Dibromoethane		0.241	0.246	0.245	0.242	0.250	0.211	0.257	0.242	6.11
72) TP 2-Hexanone		0.159	0.134	0.135	0.148	0.145	0.123	0.151	0.142	8.54
73) TP Chlorobenzene		0.704	0.802	0.813	0.790	0.801	0.673	0.839	0.775	7.92
74) TP Ethylbenzene		1.116	1.365	1.404	1.372	1.389	1.178	1.465	1.327	9.70
75) TP 1,1,1,2-Tetrac		0.230	0.294	0.301	0.303	0.310	0.258	0.321	0.288	11.16
76) TP p/m Xylene		0.438	0.518	0.557	0.544	0.554	0.468	0.593	0.525	10.39
77) TP o Xylene		0.426	0.524	0.538	0.525	0.530	0.446	0.567	0.508	10.15
78) TP Styrene		0.686	0.836	0.902	0.891	0.920	0.779	1.014	0.861	12.32
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform		0.330	0.332	0.345	0.368	0.372	0.325	0.408	0.354	8.43
82) TP Isopropylbenzene		1.696	2.246	2.377	2.403	2.343	2.056	2.540	2.237	12.60
83) S 4-Bromofluorobenzene	0.840	0.858	0.860	0.809	0.839	0.814	0.843	0.820	0.835	2.31
84) TP Bromobenzene		0.578	0.641	0.639	0.638	0.629	0.541	0.664	0.619	6.94



Initial Calibration Summary

Form 6

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : GONZO
 Calibration dates : 07/12/24 21:20 07/13/24 00:56

Lab Number : L2447503
 Project Number : 20116
 Ical Ref : ICAL21287

Calibration Files

L11 =VG240712P03.D L1 =VG240712P06.D L2 =VG240712P07.D L3 =VG240712P08.D L4 =VG240712P09.D
 L6 =VG240712P10.D L8 =VG240712P11.D L10 =VG240712P12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP n-Propylbenzene	2.100	2.663	2.727	2.750	2.704	2.365	2.933	2.606	10.73	
86) TP 1,4-Dichlorobu	0.723	0.770	0.719	0.709	0.709	0.618	0.776	0.718	7.24	
87) TP 1,1,2,2-Tetrac	0.515	0.495	0.493	0.507	0.497	0.443	0.530	0.497	5.44	
88) TP 4-Ethyltoluene	1.755	2.192	2.303	2.301	2.260	1.982	2.456	2.179	10.80	
89) TP 2-Chlorotoluene	1.433	1.674	1.648	1.628	1.612	1.414	1.779	1.598	8.22	
90) TP 1,3,5-Trimethy	1.589	1.978	2.035	2.015	1.977	1.723	2.181	1.929	10.48	
91) TP 1,2,3-Trichlor	0.421	0.448	0.417	0.408	0.407	0.357	0.452	0.416	7.60	
92) TP trans-1,4-Dich	0.098	0.090	0.103	0.115	0.127	0.115	0.149	0.114	17.34	
93) TP 4-Chlorotoluene	1.409	1.669	1.738	1.694	1.690	1.470	1.847	1.645	9.31	
94) TP tert-Butylbenzene	1.193	1.577	1.675	1.680	1.631	1.411	1.743	1.559	12.38	
97) TP 1,2,4-Trimethy	1.561	1.932	2.022	1.989	1.960	1.715	2.121	1.900	10.20	
98) TP sec-Butylbenzene	1.744	2.245	2.376	2.373	2.310	2.014	2.458	2.217	11.38	
99) TP p-Isopropyltol	1.451	1.944	2.048	2.063	2.024	1.761	2.183	1.925	12.77	
100) TP 1,3-Dichlorobe	1.005	1.162	1.195	1.185	1.157	1.006	1.245	1.136	8.27	
101) TP 1,4-Dichlorobe	1.065	1.241	1.216	1.201	1.179	1.026	1.266	1.170	7.75	
102) TP p-Diethylbenzene	0.812	1.117	1.183	1.187	1.167	1.010	1.264	1.106	13.67	
103) TP n-Butylbenzene	1.116	1.529	1.621	1.628	1.599	1.409	1.752	1.522	13.62	
104) TP 1,2-Dichlorobe	0.974	1.109	1.132	1.129	1.108	0.955	1.181	1.084	7.87	
105) TP 1,2,4,5-Tetram	1.330	1.611	1.676	1.726	1.759	1.528	1.955	1.655	11.84	
106) TP 1,2-Dibromo-3-	0.092	0.087	0.087	0.096	0.095	0.085	0.105	0.092	7.58	
107) TP 1,3,5-Trichlor	0.606	0.711	0.737	0.758	0.750	0.652	0.781	0.713	8.82	
108) TP Hexachlorobuta	0.149	0.190	0.199	0.217	0.218	0.192	0.234	0.200	13.72	
109) TP 1,2,4-Trichlor	0.533	0.582	0.619	0.666	0.668	0.576	0.682	0.618	9.16	
110) TP Naphthalene	1.390	1.296	1.316	1.427	1.441	1.281	1.558	1.387	7.11	
111) TP 1,2,3-Trichlor	0.469	0.501	0.514	0.539	0.546	0.477	0.550	0.514	6.42	



Initial Calibration Summary

Form 6

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : VOA122
 Calibration dates : 07/29/24 13:23 07/29/24 17:04

Lab Number : L2447503
 Project Number : 20116
 Ical Ref : ICAL21346

Calibration Files

L11 =V22240729A03.D L1 =V22240729A04.D L2 =V22240729A06.D L3 =V22240729A08.D L4 =V22240729A09.D
 L6 =V22240729A10.D L8 =V22240729A11.D L10 =V22240729A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo			0.147	0.215	0.223	0.209	0.195	0.195	0.197	13.62
3) TP Chloromethane		0.252	0.295	0.303	0.277	0.253	0.239	0.225	0.263	10.94
4) TP Vinyl chloride	0.202	0.176	0.199	0.232	0.231	0.217	0.206	0.203	0.208	8.84
5) TP Bromomethane		0.070	0.076	0.075	0.079	0.088	0.095	0.102	0.084	14.11
6) TP Chloroethane		0.118	0.132	0.133	0.126	0.117	0.110	0.108	0.120	8.39
7) TP Trichlorofluor		0.144	0.179	0.257	0.263	0.252	0.238	0.239	*L	0.9987
8) TP Ethyl ether		0.067	0.069	0.073	0.070	0.071	0.070	0.068	0.070	2.76
10) TP 1,1-Dichloroet		0.110	0.126	0.152	0.154	0.146	0.139	0.139	0.138	11.23
11) TP Carbon disulfide		0.404	0.455	0.510	0.491	0.451	0.438	0.433	0.454	7.85
12) TP Freon-113			0.097	0.154	0.159	0.150	0.147	0.151	0.143	16.09
13) TP Iodomethane			0.122	0.172	0.190	0.199	0.203	0.204	0.182	17.53
14) TP Acrolein		0.018	0.024	0.025	0.025	0.025	0.025	0.024	0.024	11.30
15) TP Methylene chlo		0.237	0.204	0.191	0.173	0.164	0.159	0.156	0.183	16.00
17) TP Acetone			0.040	0.035	0.033	0.032	0.031	0.030	0.033	10.98
18) TP trans-1,2-Dich		0.148	0.169	0.177	0.166	0.160	0.157	0.155	0.162	5.98
19) TP Methyl acetate		0.103	0.089	0.085	0.084	0.083	0.081	0.077	0.086	9.89
21) TP Methyl tert butyl ether		0.254	0.268	0.317	0.328	0.328	0.339	0.333	0.309	11.02
22) TP tert-Butyl alc		0.004	0.006	0.007	0.007	0.007	0.007	0.007	0.006#	15.62
24) TP Diisopropyl ether		0.493	0.543	0.594	0.622	0.617	0.616	0.586	0.581	8.17
25) TP 1,1-Dichloroet		0.311	0.358	0.365	0.340	0.319	0.315	0.306	0.331	7.23
26) TP Halothane		0.096	0.110	0.132	0.127	0.127	0.126	0.126	0.121	10.56
27) TP Acrylonitrile		0.045	0.044	0.049	0.048	0.046	0.045	0.043	0.046	4.17
28) TP Ethyl tert-but		0.324	0.354	0.413	0.457	0.456	0.468	0.453	0.418	13.74
29) TP Vinyl acetate		0.273	0.289	0.353	0.379	0.386	0.385	0.367	0.348	13.51
30) TP cis-1,2-Dichlo		0.168	0.196	0.197	0.183	0.172	0.172	0.168	0.179#	6.96
31) TP 2,2-Dichloropr		0.174	0.196	0.224	0.220	0.211	0.211	0.212	0.207	8.20
32) TP Bromochloromet		0.084	0.092	0.093	0.084	0.081	0.080	0.078	0.085#	6.73
33) TP Cyclohexane			0.183	0.351	0.378	0.354	0.352	0.353	*L	0.9993
34) TP Chloroform		0.283	0.310	0.303	0.286	0.274	0.278	0.268	0.286#	5.37
35) TP Ethyl acetate			0.096	0.111	0.116	0.118	0.118	0.114	0.112	7.47
36) TP Carbon tetrachloride	0.179	0.145	0.171	0.233	0.236	0.228	0.228	0.231	0.206	17.40
37) TP Tetrahydrofuran			0.035	0.038	0.038	0.037	0.037	0.036	0.037	3.72
38) S Dibromofluoromethane	0.356	0.382	0.381	0.359	0.339	0.326	0.329	0.324	0.349	6.78
39) TP 1,1,1-Trichlor		0.184	0.221	0.263	0.260	0.255	0.254	0.252	0.241	11.85
41) TP 2-Butanone			0.042	0.044	0.049	0.050	0.049	0.047	0.047	6.75



Initial Calibration Summary

Form 6

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : VOA122
 Calibration dates : 07/29/24 13:23 07/29/24 17:04

Lab Number : L2447503
 Project Number : 20116
 Ical Ref : ICAL21346

Calibration Files

L11 =V22240729A03.D L1 =V22240729A04.D L2 =V22240729A06.D L3 =V22240729A08.D L4 =V22240729A09.D
 L6 =V22240729A10.D L8 =V22240729A11.D L10 =V22240729A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42) TP 1,1-Dichloropr		0.128	0.160	0.214	0.222	0.214	0.213	0.213	0.195	18.52
44) TP Benzene	0.577	0.517	0.672	0.656	0.692	0.662	0.658	0.633	0.633	9.17
45) TP Tertiary-Amyl Methyl Ether		0.172	0.171	0.190	0.208	0.218	0.230	0.228	0.202	12.43
46) S 1,2-Dichloroethane-d4	0.286	0.306	0.301	0.305	0.293	0.289	0.294	0.289	0.295	2.57
47) T 1,2-Dichloroet		0.154	0.165	0.170	0.162	0.154	0.154	0.149	0.158	4.65
50) TP Methyl cyclohe			0.094	0.200	0.226	0.224	0.233	0.238	*L	0.9996
51) TP Trichloroethene	0.133	0.113	0.124	0.143	0.143	0.140	0.141	0.141	0.135#	8.23
53) TP Dibromomethane		0.065	0.068	0.071	0.070	0.068	0.069	0.067	0.068	2.99
54) TP 1,2-Dichloropr		0.115	0.131	0.154	0.152	0.147	0.147	0.143	0.141#	9.64
56) TP 2-Chloroethyl		0.039	0.041	0.053	0.059	0.063	0.063	0.061	0.054	18.80
57) TP Bromodichlorom		0.138	0.157	0.175	0.176	0.174	0.176	0.173	0.167#	8.74
60) TP 1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	5.34
61) TP cis-1,3-Dichloropropene	0.121	0.126	0.149	0.186	0.197	0.199	0.201	0.197	0.172#	19.89
62) I Chlorobenzene-d5	-----ISTD-----									
63) S Toluene-d8	1.265	1.258	1.267	1.262	1.281	1.288	1.295	1.276	1.274	1.03
64) TP Toluene		0.347	0.400	0.427	0.437	0.427	0.429	0.416	0.412	7.55
65) TP 4-Methyl-2-pen			0.023	0.028	0.034	0.037	0.038	0.037	0.033	18.50
66) TP Tetrachloroethene		0.107	0.132	0.169	0.181	0.179	0.181	0.181	0.162	18.41
68) TP trans-1,3-Dichloropropene		0.112	0.139	0.175	0.208	0.214	0.217	0.212	*L	0.9992
70) TP Ethyl methacry			0.090	0.124	0.141	0.147	0.149	0.144	0.133	17.01
71) TP 1,1,2-Trichlor		0.072	0.079	0.094	0.102	0.111	0.111	0.108	0.097#	16.46
72) TP Chlorodibromom		0.089	0.117	0.139	0.157	0.162	0.164	0.161	*L	0.9995
73) TP 1,3-Dichloropr		0.151	0.163	0.188	0.207	0.208	0.208	0.200	0.190	12.35
74) TP 1,2-Dibromoethane		0.077	0.089	0.107	0.119	0.123	0.123	0.120	0.108#	16.86
76) TP 2-Hexanone			0.045	0.055	0.064	0.069	0.069	0.066	0.061	15.23
77) TP Chlorobenzene		0.417	0.478	0.486	0.486	0.471	0.470	0.458	0.467	5.15
78) TP Ethylbenzene		0.611	0.710	0.850	0.854	0.821	0.817	0.780	0.778	11.36
79) TP 1,1,1,2-Tetrac		0.107	0.127	0.144	0.161	0.166	0.168	0.166	0.148	15.82
80) TP p/m Xylene		0.220	0.271	0.332	0.334	0.323	0.322	0.310	0.302	13.84
81) TP o Xylene		0.200	0.259	0.313	0.315	0.308	0.308	0.296	0.285	14.79
82) TP Styrene		0.304	0.416	0.503	0.521	0.507	0.499	0.464	0.459	16.79
83) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
84) TP Bromoform		0.110	0.118	0.137	0.162	0.172	0.176	0.179	0.150	19.06
86) TP Isopropylbenzene		1.046	1.323	1.726	1.771	1.679	1.676	1.637	1.551	17.18
87) S 4-Bromofluorobenzene	0.911	0.911	0.900	0.932	0.924	0.900	0.900	0.908	0.911	1.31
88) TP Bromobenzene		0.335	0.355	0.374	0.380	0.370	0.371	0.370	0.365	4.18



Initial Calibration Summary

Form 6

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : VOA122
 Calibration dates : 07/29/24 13:23 07/29/24 17:04

Lab Number : L2447503
 Project Number : 20116
 Ical Ref : ICAL21346

Calibration Files

L11 =V22240729A03.D L1 =V22240729A04.D L2 =V22240729A06.D L3 =V22240729A08.D L4 =V22240729A09.D
 L6 =V22240729A10.D L8 =V22240729A11.D L10 =V22240729A12.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89) TP n-Propylbenzene	1.282	1.530	1.993	2.048	1.948	1.952	1.864	1.802	15.83	
90) TP 1,4-Dichlorobu	0.423	0.442	0.474	0.497	0.492	0.489	0.483	0.472	5.94	
91) TP 1,1,2,2-Tetrac	0.237	0.231	0.246	0.267	0.266	0.266	0.263	0.254	6.06	
92) TP 4-Ethyltoluene	1.049	1.261	1.602	1.644	1.579	1.593	1.555	1.469	15.29	
93) TP 2-Chlorotoluene	0.883	1.048	1.156	1.157	1.108	1.131	1.117	1.086	8.88	
94) TP 1,3,5-Trimethy	0.876	1.095	1.350	1.365	1.327	1.358	1.343	1.245	15.14	
95) TP 1,2,3-Trichlor	0.162	0.186	0.191	0.205	0.202	0.204	0.205	0.194	8.07	
96) TP trans-1,4-Dich	0.063	0.078	0.083	0.094	0.095	0.096	0.095	0.086	14.50	
97) TP 4-Chlorotoluene	0.906	1.071	1.192	1.204	1.158	1.166	1.146	1.121	9.26	
98) TP tert-Butylbenzene	0.714	0.853	1.187	1.236	1.189	1.202	1.183	1.081	19.23	
101) TP 1,2,4-Trimethy	0.970	1.245	1.527	1.538	1.479	1.505	1.471	1.391	15.13	
102) TP sec-Butylbenzene	0.953	1.168	1.721	1.779	1.693	1.711	1.646	*L	0.9992	
103) TP p-Isopropyltol	0.760	0.980	1.439	1.476	1.423	1.444	1.406	*L	0.9995	
104) TP 1,3-Dichlorobe	0.643	0.722	0.760	0.757	0.734	0.732	0.718	0.724	5.42	
105) TP 1,4-Dichlorobe	0.681	0.712	0.743	0.738	0.714	0.722	0.712	0.718	2.86	
106) TP p-Diethylbenzene	0.566	0.809	0.846	0.825	0.842	0.840	0.788		13.93	
107) TP n-Butylbenzene	0.629	0.830	1.214	1.226	1.171	1.197	1.177	*L	0.9996	
108) TP 1,2-Dichlorobe	0.568	0.628	0.667	0.670	0.653	0.655	0.639	0.640	5.50	
109) TP 1,2,4,5-Tetram	0.737	1.085	1.193	1.167	1.175	1.128	1.081		16.00	
110) TP 1,2-Dibromo-3-	0.007	0.027	0.033	0.037	0.040	0.040	0.040	*L	0.9993	
111) TP 1,3,5-Trichlor	0.347	0.382	0.443	0.449	0.433	0.439	0.427	0.417	9.11	
112) TP Hexachlorobuta	0.091	0.104	0.150	0.152	0.147	0.155	0.160	*L	0.9989	
113) TP 1,2,4-Trichlor	0.285	0.311	0.368	0.385	0.380	0.381	0.374	0.355#	11.26	
114) TP Naphthalene	0.486	0.583	0.770	0.883	0.870	0.861	0.815	*L	0.9987	
115) TP 1,2,3-Trichlor	0.237	0.280	0.315	0.328	0.320	0.320	0.310	0.301#	10.69	



Calibration Verification Summary

Form 7

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : GONZO
 Lab File ID : VG240823A01
 Sample No : WG1963895-2
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/23/24 07:49
 Init. Calib. Date(s) : 07/12/24 07/13/24
 Init. Calib. Times : 21:20 00:56

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	103	0
Dichlorodifluoromethane	0.265	0.251	-	5.3	20	88	0
Chloromethane	0.227	0.227	-	0	20	103	0
Vinyl chloride	0.235	0.245	-	-4.3	20	96	0
Bromomethane	0.125	0.09	-	28*	20	75	0
Chloroethane	0.18	0.208	-	-15.6	20	114	0
Trichlorofluoromethane	0.345	0.365	-	-5.8	20	111	0
Ethyl ether	0.115	0.109	-	5.2	20	99	0
1,1-Dichloroethene	0.189	0.188	-	0.5	20	97	0
Carbon disulfide	0.556	0.596	-	-7.2	20	107	0
Freon-113	0.208	0.214	-	-2.9	20	102	0
Acrolein	0.033	0.031	-	6.1	20	95	0
Methylene chloride	0.224	0.222	-	0.9	20	102	0
Acetone	10	9.067	-	9.3	20	103	0
trans-1,2-Dichloroethene	0.207	0.21	-	-1.4	20	99	0
Methyl acetate	0.115	0.1	-	13	20	93	0
Methyl tert-butyl ether	0.636	0.55	-	13.5	20	90	0
tert-Butyl alcohol	0.018	0.014	-	22.2*	20	83	0
Diisopropyl ether	0.65	0.725	-	-11.5	20	112	0
1,1-Dichloroethane	0.375	0.404	-	-7.7	20	105	0
Halothane	0.172	0.171	-	0.6	20	98	0
Acrylonitrile	0.058	0.062	-	-6.9	20	110	0
Ethyl tert-butyl ether	0.639	0.601	-	5.9	20	96	0
Vinyl acetate	0.347	0.516	-	-48.7*	20	144	0
cis-1,2-Dichloroethene	0.238	0.239	-	-0.4	20	100	0
2,2-Dichloropropane	0.313	0.325	-	-3.8	20	105	0
Bromochloromethane	0.116	0.111	-	4.3	20	94	0
Cyclohexane	0.356	0.38	-	-6.7	20	105	0
Chloroform	0.384	0.394	-	-2.6	20	100	0
Ethyl acetate	0.17	0.174	-	-2.4	20	111	0
Carbon tetrachloride	0.311	0.315	-	-1.3	20	94	0
Tetrahydrofuran	0.056	0.06	-	-7.1	20	106	0
Dibromofluoromethane	0.261	0.26	-	0.4	20	103	0
1,1,1-Trichloroethane	0.354	0.358	-	-1.1	20	99	0
2-Butanone	0.073	0.078	-	-6.8	20	111	0
1,1-Dichloropropene	0.283	0.29	-	-2.5	20	101	0
Benzene	0.857	0.883	-	-3	20	99	0
tert-Amyl methyl ether	0.585	0.49	-	16.2	20	86	0
1,2-Dichloroethane-d4	0.277	0.305	-	-10.1	20	109	0
1,2-Dichloroethane	0.273	0.301	-	-10.3	20	113	0
Methyl cyclohexane	0.333	0.326	-	2.1	20	92	0
Trichloroethene	0.242	0.234	-	3.3	20	97	0
Dibromomethane	0.135	0.129	-	4.4	20	96	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : GONZO
 Lab File ID : VG240823A01
 Sample No : WG1963895-2
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/23/24 07:49
 Init. Calib. Date(s) : 07/12/24 07/13/24
 Init. Calib. Times : 21:20 00:56

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.209	0.221	-	-5.7	20	104	0
Bromodichloromethane	0.305	0.306	-	-0.3	20	101	0
1,4-Dioxane	0.00213	0.00159*	-	25.4*	20	81	0
cis-1,3-Dichloropropene	0.341	0.33	-	3.2	20	97	0
Chlorobenzene-d5	1	1	-	0	20	103	0
Toluene-d8	1.255	1.252	-	0.2	20	102	0
Toluene	0.695	0.702	-	-1	20	99	0
4-Methyl-2-pentanone	0.077	0.071	-	7.8	20	93	0
Tetrachloroethene	0.305	0.314	-	-3	20	99	0
trans-1,3-Dichloropropene	0.38	0.374	-	1.6	20	98	0
Ethyl methacrylate	0.32	0.276	-	13.7	20	89	0
1,1,2-Trichloroethane	0.191	0.192*	-	-0.5	20	102	0
Chlorodibromomethane	0.302	0.298	-	1.3	20	98	0
1,3-Dichloropropane	0.38	0.385	-	-1.3	20	100	0
1,2-Dibromoethane	0.242	0.229	-	5.4	20	96	0
2-Hexanone	0.142	0.127	-	10.6	20	98	0
Chlorobenzene	0.775	0.805	-	-3.9	20	102	0
Ethylbenzene	1.327	1.339	-	-0.9	20	98	0
1,1,1,2-Tetrachloroethane	0.288	0.283	-	1.7	20	97	0
p/m Xylene	0.525	0.531	-	-1.1	20	98	0
o Xylene	0.508	0.504	-	0.8	20	97	0
Styrene	0.861	0.87	-	-1	20	100	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	106	0
Bromoform	0.354	0.311	-	12.1	20	96	0
Isopropylbenzene	2.237	2.135	-	4.6	20	96	0
4-Bromofluorobenzene	0.835	0.77	-	7.8	20	101	0
Bromobenzene	0.619	0.615	-	0.6	20	102	0
n-Propylbenzene	2.606	2.579	-	1	20	101	0
1,4-Dichlorobutane	0.718	0.767	-	-6.8	20	113	0
1,1,2,2-Tetrachloroethane	0.497	0.496	-	0.2	20	107	0
4-Ethyltoluene	2.179	2.146	-	1.5	20	99	0
2-Chlorotoluene	1.598	1.552	-	2.9	20	100	0
1,3,5-Trimethylbenzene	1.929	1.884	-	2.3	20	98	0
1,2,3-Trichloropropane	0.416	0.404	-	2.9	20	103	0
trans-1,4-Dichloro-2-buten	0.114	0.123	-	-7.9	20	126	0
4-Chlorotoluene	1.645	1.608	-	2.2	20	98	0
tert-Butylbenzene	1.559	1.536	-	1.5	20	97	0
1,2,4-Trimethylbenzene	1.9	1.866	-	1.8	20	98	0
sec-Butylbenzene	2.217	2.166	-	2.3	20	97	0
p-Isopropyltoluene	1.925	1.892	-	1.7	20	98	0
1,3-Dichlorobenzene	1.136	1.188	-	-4.6	20	106	0
1,4-Dichlorobenzene	1.17	1.214	-	-3.8	20	106	0
p-Diethylbenzene	1.106	1.075	-	2.8	20	97	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : GONZO
 Lab File ID : VG240823A01
 Sample No : WG1963895-2
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/23/24 07:49
 Init. Calib. Date(s) : 07/12/24 07/13/24
 Init. Calib. Times : 21:20 00:56

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.522	1.537	-	-1	20	101	0
1,2-Dichlorobenzene	1.084	1.106	-	-2	20	104	0
1,2,4,5-Tetramethylbenzene	1.655	1.425	-	13.9	20	90	0
1,2-Dibromo-3-chloropropan	0.092	0.074	-	19.6	20	91	0
1,3,5-Trichlorobenzene	0.713	0.736	-	-3.2	20	106	0
Hexachlorobutadiene	0.2	0.218	-	-9	20	116	0
1,2,4-Trichlorobenzene	0.618	0.571	-	7.6	20	98	0
Naphthalene	1.387	0.934	-	32.7*	20	75	0
1,2,3-Trichlorobenzene	0.514	0.452	-	12.1	20	94	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : VOA122
 Lab File ID : V22240823N01
 Sample No : WG1963652-2
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/23/24 16:03
 Init. Calib. Date(s) : 07/29/24 07/29/24
 Init. Calib. Times : 13:23 17:04

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	84	0
Dichlorodifluoromethane	0.197	0.143	-	27.4*	20	56	0
Chloromethane	0.263	0.215	-	18.3	20	60	0
Vinyl chloride	0.208	0.21	-	-1	20	76	0
Bromomethane	0.084	0.057	-	32.1*	20	64	0
Chloroethane	0.12	0.099	-	17.5	20	63	0
Trichlorofluoromethane	10	10.372	-	-3.7	20	81	0
Ethyl ether	0.07	0.061	-	12.9	20	71	0
1,1-Dichloroethene	0.138	0.135	-	2.2	20	75	0
Carbon disulfide	0.454	0.428	-	5.7	20	71	0
Freon-113	0.143	0.152	-	-6.3	20	83	0
Iodomethane	0.182	0.118	-	35.2*	20	58	0
Acrolein	0.024	0.02	-	16.7	20	68	0
Methylene chloride	0.183	0.161	-	12	20	71	0
Acetone	0.033	0.034	-	-3	20	83	0
trans-1,2-Dichloroethene	0.162	0.147	-	9.3	20	70	0
Methyl acetate	0.086	0.073	-	15.1	20	73	0
Methyl tert-butyl ether	0.309	0.269	-	12.9	20	72	0
tert-Butyl alcohol	0.00648	0.00678*	-	-4.6	20	86	0
Diisopropyl ether	0.581	0.487	-	16.2	20	69	0
1,1-Dichloroethane	0.331	0.307	-	7.3	20	71	0
Halothane	0.121	0.117	-	3.3	20	74	0
Acrylonitrile	0.046	0.045	-	2.2	20	78	0
Ethyl tert-butyl ether	0.418	0.363	-	13.2	20	74	0
Vinyl acetate	0.348	0.282	-	19	20	67	0
cis-1,2-Dichloroethene	0.179	0.163*	-	8.9	20	70	0
2,2-Dichloropropane	0.207	0.207	-	0	20	78	0
Bromochloromethane	0.085	0.085*	-	0	20	78	0
Cyclohexane	10	10.061	-	-0.6	20	80	0
Chloroform	0.286	0.26*	-	9.1	20	73	0
Ethyl acetate	0.112	0.093	-	17	20	71	0
Carbon tetrachloride	0.206	0.21	-	-1.9	20	76	0
Tetrahydrofuran	0.037	0.035	-	5.4	20	78	0
Dibromofluoromethane	0.349	0.351	-	-0.6	20	83	0
1,1,1-Trichloroethane	0.241	0.233	-	3.3	20	75	0
2-Butanone	0.047	0.041	-	12.8	20	78	0
1,1-Dichloropropene	0.195	0.178	-	8.7	20	70	0
Benzene	0.633	0.53	-	16.3	20	68	0
tert-Amyl methyl ether	0.202	0.166	-	17.8	20	74	0
1,2-Dichloroethane-d4	0.295	0.302	-	-2.4	20	84	0
1,2-Dichloroethane	0.158	0.147	-	7	20	73	0
Methyl cyclohexane	10	9.567	-	4.3	20	83	0
Trichloroethene	0.135	0.118*	-	12.6	20	70	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : VOA122
 Lab File ID : V22240823N01
 Sample No : WG1963652-2
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/23/24 16:03
 Init. Calib. Date(s) : 07/29/24 07/29/24
 Init. Calib. Times : 13:23 17:04

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.068	0.063	-	7.4	20	76	0
1,2-Dichloropropane	0.141	0.125*	-	11.3	20	69	0
2-Chloroethyl vinyl ether	0.054	0.046	-	14.8	20	73	0
Bromodichloromethane	0.167	0.15*	-	10.2	20	73	0
1,4-Dioxane	0.00056	0.00066*	-	-17.9	20	93	0
cis-1,3-Dichloropropene	0.172	0.156*	-	9.3	20	71	0
Chlorobenzene-d5	1	1	-	0	20	86	0
Toluene-d8	1.274	1.218	-	4.4	20	83	0
Toluene	0.412	0.366	-	11.2	20	74	0
4-Methyl-2-pentanone	0.033	0.026*	-	21.2*	20	80	0
Tetrachloroethene	0.162	0.172	-	-6.2	20	88	0
trans-1,3-Dichloropropene	10	7.567	-	24.3*	20	75	0
Ethyl methacrylate	0.133	0.093	-	30.1*	20	65	0
1,1,2-Trichloroethane	0.097	0.08*	-	17.5	20	74	0
Chlorodibromomethane	10	8.322	-	16.8	20	80	0
1,3-Dichloropropane	0.19	0.162	-	14.7	20	74	0
1,2-Dibromoethane	0.108	0.097*	-	10.2	20	78	0
2-Hexanone	0.061	0.049	-	19.7	20	78	0
Chlorobenzene	0.467	0.426	-	8.8	20	76	0
Ethylbenzene	0.778	0.7	-	10	20	71	0
1,1,1,2-Tetrachloroethane	0.148	0.137	-	7.4	20	82	0
p/m Xylene	0.302	0.282	-	6.6	20	73	0
o Xylene	0.285	0.264	-	7.4	20	73	0
Styrene	0.459	0.432	-	5.9	20	74	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	92	0
Bromoform	0.15	0.129	-	14	20	87	0
Isopropylbenzene	1.551	1.403	-	9.5	20	75	0
4-Bromofluorobenzene	0.911	0.812	-	10.9	20	80	0
Bromobenzene	0.365	0.333	-	8.8	20	82	0
n-Propylbenzene	1.802	1.603	-	11	20	74	0
1,4-Dichlorobutane	0.472	0.402	-	14.8	20	78	0
1,1,2,2-Tetrachloroethane	0.254	0.206	-	18.9	20	77	0
4-Ethyltoluene	1.469	1.322	-	10	20	76	0
2-Chlorotoluene	1.086	0.934	-	14	20	74	0
1,3,5-Trimethylbenzene	1.245	1.115	-	10.4	20	76	0
1,2,3-Trichloropropane	0.194	0.161	-	17	20	77	0
trans-1,4-Dichloro-2-buten	0.086	0.073	-	15.1	20	80	0
4-Chlorotoluene	1.121	0.94	-	16.1	20	72	0
tert-Butylbenzene	1.081	1.015	-	6.1	20	79	0
1,2,4-Trimethylbenzene	1.391	1.13	-	18.8	20	68	0
sec-Butylbenzene	10	8.843	-	11.6	20	77	0
p-Isopropyltoluene	10	9.027	-	9.7	20	80	0
1,3-Dichlorobenzene	0.724	0.673	-	7	20	81	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : VOA122
 Lab File ID : V22240823N01
 Sample No : WG1963652-2
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/23/24 16:03
 Init. Calib. Date(s) : 07/29/24 07/29/24
 Init. Calib. Times : 13:23 17:04

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	0.718	0.659	-	8.2	20	81	0
p-Diethylbenzene	0.788	0.696	-	11.7	20	79	0
n-Butylbenzene	10	8.76	-	12.4	20	76	0
1,2-Dichlorobenzene	0.64	0.592*	-	7.5	20	81	0
1,2,4,5-Tetramethylbenzene	1.081	0.892	-	17.5	20	76	0
1,2-Dibromo-3-chloropropan	10	8.467	-	15.3	20	88	0
1,3,5-Trichlorobenzene	0.417	0.401	-	3.8	20	83	0
Hexachlorobutadiene	10	9.176	-	8.2	20	84	0
1,2,4-Trichlorobenzene	0.355	0.332*	-	6.5	20	83	0
Naphthalene	10	8.446	-	15.5	20	82	0
1,2,3-Trichlorobenzene	0.301	0.287*	-	4.7	20	84	0

* Value outside of QC limits.



SVOC Data Section

Surrogate Recovery Summary

Form 2

Semivolatiles

Client: Alpha Geoscience
Project Name: HUNTINGTON READY MIX

Lab Number: L2447503
Project Number: 20116
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
MW-1S (L2447503-01)	35	29	70	63	55	79	0
MW-2S (L2447503-02)	25	21	84	66	33	79	0
MW-3S (L2447503-03)	15*	20	67	57	23	72	1
MW-4D (L2447503-04)	46	32	72	61	63	77	0
MW-5S (L2447503-05)	47	33	77	69	68	81	0
MW-6D (L2447503-06)	13*	15	77	66	21	83	1
MW-7S (L2447503-07)	11*	13	71	64	17	75	1
MW-8S (L2447503-08)	50	34	77	67	71	77	0
DUP (L2447503-09)	42	31	71	65	61	74	0
FIELD BLANK (L2447503-10)	48	33	70	61	66	72	0
EQUIPMENT BLANK (L2447503-11)	16*	20	65	61	26	71	1
WG1963467-1BLANK	50	33	63	64	85	84	0
WG1963467-2LCS	55	38	68	74	96	89	0
WG1963467-3LCSD	56	39	68	71	87	82	0
MW-7SMS	42	37	86	73	62	87	0
MW-7SMSD	17*	22	87	71	26	85	1
WG1964120-1BLANK	55	34	94	64	59	74	0
WG1964120-2LCS	54	38	87	62	57	71	0
WG1964120-3LCSD	57	46	85	61	69	74	0

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

FORM II NYTCL-8270-RVT



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG1963467-2** Analysis Date : 08/25/24 23:51 File ID : 963467-2
 LCSD Sample ID : **WG1963467-3** Analysis Date : 08/26/24 00:14 File ID : 963467-3

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	12.	61	20	13.	63	3	40-140	30
3,3'-Dichlorobenzidine	20	16.	83	20	15.	74	11	40-140	30
2,4-Dinitrotoluene	20	17.	84	20	16.	80	5	48-143	30
2,6-Dinitrotoluene	20	16.	78	20	14.	71	9	40-140	30
4-Chlorophenyl phenyl ether	20	14.	72	20	14.	68	6	40-140	30
4-Bromophenyl phenyl ether	20	15.	76	20	15.	73	4	40-140	30
Bis(2-chloroisopropyl)ether	20	7.3	37 Q	20	7.3	36 Q	3	40-140	30
Bis(2-chloroethoxy)methane	20	12.	61	20	13.	66	8	40-140	30
Hexachlorocyclopentadiene	20	6.1	31 Q	20	6.1	30 Q	3	40-140	30
Isophorone	20	12.	63	20	13.	66	5	40-140	30
Nitrobenzene	20	12.	58	20	13.	64	10	40-140	30
NDPA/DPA	20	16.	79	20	14.	70	12	40-140	30
n-Nitrosodi-n-propylamine	20	12.	59	20	12.	60	2	29-132	30
Bis(2-ethylhexyl)phthalate	20	15.	75	20	15.	74	1	40-140	30
Butyl benzyl phthalate	20	17.	83	20	16.	81	2	40-140	30
Di-n-butylphthalate	20	16.	80	20	16.	78	3	40-140	30
Di-n-octylphthalate	20	15.	77	20	15.	77	0	40-140	30
Diethyl phthalate	20	15.	73	20	14.	70	4	40-140	30
Dimethyl phthalate	20	15.	77	20	14.	72	7	40-140	30
Biphenyl	20	13.	63	20	12.	60	5	40-140	30
4-Chloroaniline	20	13.	64	20	9.8	49	27	40-140	30
2-Nitroaniline	20	18.	92	20	18.	90	2	52-143	30
3-Nitroaniline	20	16.	83	20	16.	79	5	25-145	30
4-Nitroaniline	20	17.	87	20	17.	87	0	51-143	30
Dibenzofuran	20	14.	69	20	14.	69	0	40-140	30
1,2,4,5-Tetrachlorobenzene	20	11.	54	20	10.	52	4	2-134	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG1963467-2** Analysis Date : 08/25/24 23:51 File ID : 963467-2
 LCSD Sample ID : **WG1963467-3** Analysis Date : 08/26/24 00:14 File ID : 963467-3

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	13.	67	20	14.	71	6	39-129	30
2,4,6-Trichlorophenol	20	16.	78	20	16.	78	0	30-130	30
p-Chloro-m-cresol	20	14.	73	20	14.	73	0	23-97	30
2-Chlorophenol	20	14.	72	20	15.	75	4	27-123	30
2,4-Dichlorophenol	20	16.	80	20	16.	80	0	30-130	30
2,4-Dimethylphenol	20	9.9	49	20	8.5	42	15	30-130	30
2-Nitrophenol	20	16.	81	20	18.	91	12	30-130	30
4-Nitrophenol	20	8.3	42	20	8.2	41	2	10-80	30
2,4-Dinitrophenol	20	16.	80	20	15.	75	6	20-130	30
4,6-Dinitro-o-cresol	20	19.	96	20	16.	81	17	20-164	30
Phenol	20	6.8	34	20	6.9	34	0	12-110	30
2-Methylphenol	20	14.	69	20	13.	66	4	30-130	30
3-Methylphenol/4-Methylphenol	20	12.	62	20	13.	64	3	30-130	30
2,4,5-Trichlorophenol	20	17.	85	20	16.	79	7	30-130	30
Carbazole	20	17.	87	20	16.	80	8	55-144	30
Atrazine	20	15.	77	20	14.	70	10	40-140	30
Benzaldehyde	20	11.	54	20	12.	61	12	40-140	30
Caprolactam	20	2.9	14	20	2.7	14	0	10-130	30
2,3,4,6-Tetrachlorophenol	20	17.	87	20	15.	76	13	40-140	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG1964120-2** Analysis Date : 08/27/24 10:50 File ID : 964120-2
 LCSD Sample ID : **WG1964120-3** Analysis Date : 08/27/24 11:14 File ID : 964120-3

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	16.	78	20	15.	76	3	40-140	30
3,3'-Dichlorobenzidine	20	10.	52	20	20.	98	61 Q	40-140	30
2,4-Dinitrotoluene	20	14.	70	20	15.	74	6	48-143	30
2,6-Dinitrotoluene	20	14.	71	20	16.	80	12	40-140	30
4-Chlorophenyl phenyl ether	20	14.	70	20	15.	74	6	40-140	30
4-Bromophenyl phenyl ether	20	13.	66	20	15.	75	13	40-140	30
Bis(2-chloroisopropyl)ether	20	16.	80	20	16.	78	3	40-140	30
Bis(2-chloroethoxy)methane	20	16.	78	20	16.	82	5	40-140	30
Hexachlorocyclopentadiene	20	9.2	46	20	9.1	45	2	40-140	30
Isophorone	20	17.	84	20	18.	92	9	40-140	30
Nitrobenzene	20	17.	86	20	16.	81	6	40-140	30
NDPA/DPA	20	12.	62	20	14.	72	15	40-140	30
n-Nitrosodi-n-propylamine	20	18.	89	20	19.	95	7	29-132	30
Bis(2-ethylhexyl)phthalate	20	18.	88	20	18.	93	6	40-140	30
Butyl benzyl phthalate	20	17.	87	20	21.	104	18	40-140	30
Di-n-butylphthalate	20	18.	89	20	19.	97	9	40-140	30
Di-n-octylphthalate	20	18.	93	20	20.	99	6	40-140	30
Diethyl phthalate	20	16.	78	20	18.	92	16	40-140	30
Dimethyl phthalate	20	15.	76	20	15.	76	0	40-140	30
Biphenyl	20	13.	66	20	14.	68	3	40-140	30
4-Chloroaniline	20	14.	71	20	14.	71	0	40-140	30
2-Nitroaniline	20	16.	80	20	14.	71	12	52-143	30
3-Nitroaniline	20	15.	77	20	17.	84	9	25-145	30
4-Nitroaniline	20	16.	82	20	16.	82	0	51-143	30
Dibenzofuran	20	14.	71	20	15.	74	4	40-140	30
1,2,4,5-Tetrachlorobenzene	20	12.	60	20	12.	62	3	2-134	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG1964120-2** Analysis Date : 08/27/24 10:50 File ID : 964120-2
 LCSD Sample ID : **WG1964120-3** Analysis Date : 08/27/24 11:14 File ID : 964120-3

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	15.	76	20	16.	79	4	39-129	30
2,4,6-Trichlorophenol	20	14.	68	20	16.	78	14	30-130	30
p-Chloro-m-cresol	20	18.	89	20	18.	88	1	23-97	30
2-Chlorophenol	20	13.	65	20	14.	73	12	27-123	30
2,4-Dichlorophenol	20	14.	72	20	15.	77	7	30-130	30
2,4-Dimethylphenol	20	12.	61	20	14.	73	18	30-130	30
2-Nitrophenol	20	14.	70	20	16.	79	12	30-130	30
4-Nitrophenol	20	13.	64	20	14.	72	12	10-80	30
2,4-Dinitrophenol	20	14.	71	20	15.	77	8	20-130	30
4,6-Dinitro-o-cresol	20	16.	78	20	17.	85	9	20-164	30
Phenol	20	8.7	43	20	9.5	47	9	12-110	30
2-Methylphenol	20	13.	67	20	14.	72	7	30-130	30
3-Methylphenol/4-Methylphenol	20	13.	67	20	15.	77	14	30-130	30
2,4,5-Trichlorophenol	20	14.	70	20	15.	76	8	30-130	30
Carbazole	20	16.	78	20	16.	80	3	55-144	30
Atrazine	20	14.	72	20	15.	75	4	40-140	30
Benzaldehyde	20	14.	69	20	14.	72	4	40-140	30
Caprolactam	20	9.6	48	20	13.	63	27	10-130	30
2,3,4,6-Tetrachlorophenol	20	15.	75	20	16.	80	6	40-140	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Client Sample ID : **MW-7S**
 Lab Sample ID : L2447503-07
 Matrix Spike : WG1963467-4
 Matrix Spike Dup : WG1963467-5

Lab Number : L2447503
 Project Number : 20116
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/26/24 18:10
 MS Analysis Date : 08/26/24 18:33
 MSD Analysis Date : 08/26/24 18:55

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	17.	85	20	16.	80	6	40-140	30
3,3'-Dichlorobenzidine	ND	20	16.	80	20	17.	85	6	40-140	30
2,4-Dinitrotoluene	ND	20	17.	85	20	17.	85	0	48-143	30
2,6-Dinitrotoluene	ND	20	17.	85	20	17.	85	0	40-140	30
4-Chlorophenyl phenyl ether	ND	20	13.	65	20	14.	70	7	40-140	30
4-Bromophenyl phenyl ether	ND	20	14.	70	20	14.	70	0	40-140	30
Bis(2-chloroisopropyl)ether	ND	20	18.	90	20	19.	95	5	40-140	30
Bis(2-chloroethoxy)methane	ND	20	17.	85	20	17.	85	0	40-140	30
Hexachlorocyclopentadiene	ND	20	6.5J	33 Q	20	6.9J	35 Q	6	40-140	30
Isophorone	ND	20	17.	85	20	17.	85	0	40-140	30
Nitrobenzene	ND	20	17.	85	20	17.	85	0	40-140	30
NDPA/DPA	ND	20	16.	80	20	15.	75	6	40-140	30
n-Nitrosodi-n-propylamine	ND	20	17.	85	20	17.	85	0	29-132	30
Bis(2-ethylhexyl)phthalate	ND	20	19.	95	20	19.	95	0	40-140	30
Butyl benzyl phthalate	ND	20	20.	100	20	20.	100	0	40-140	30
Di-n-butylphthalate	ND	20	19.	95	20	19.	95	0	40-140	30
Di-n-octylphthalate	ND	20	20.	100	20	20.	100	0	40-140	30
Diethyl phthalate	ND	20	16.	80	20	16.	80	0	40-140	30
Dimethyl phthalate	ND	20	16.	80	20	16.	80	0	40-140	30
Biphenyl	ND	20	13.	65	20	13.	65	0	40-140	30
4-Chloroaniline	ND	20	17.	85	20	16.	80	6	40-140	30
2-Nitroaniline	ND	20	18.	90	20	18.	90	0	52-143	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Client Sample ID : MW-7S
 Lab Sample ID : L2447503-07
 Matrix Spike : WG1963467-4
 Matrix Spike Dup : WG1963467-5

Lab Number : L2447503
 Project Number : 20116
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/26/24 18:10
 MS Analysis Date : 08/26/24 18:33
 MSD Analysis Date : 08/26/24 18:55

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	18.	90	20	18.	90	0	25-145	30
4-Nitroaniline	ND	20	17.	85	20	17.	85	0	51-143	30
Dibenzofuran	ND	20	15.	75	20	15.	75	0	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	20	11.	55	20	11.	55	0	2-134	30
Acetophenone	ND	20	15.	75	20	16.	80	6	39-129	30
2,4,6-Trichlorophenol	ND	20	10.	50	20	4.0J	20 Q	86	Q 30-130	30
p-Chloro-m-cresol	ND	20	16.	80	20	14.	70	13	23-97	30
2-Chlorophenol	ND	20	13.	65	20	6.6	33	65	Q 27-123	30
2,4-Dichlorophenol	ND	20	13.	65	20	7.1	36	59	Q 30-130	30
2,4-Dimethylphenol	ND	20	10.	50	20	10.	50	0	30-130	30
2-Nitrophenol	ND	20	15.	75	20	6.8J	34	75	Q 30-130	30
4-Nitrophenol	ND	20	5.1J	26	20	2.3J	12	76	Q 10-80	30
2,4-Dinitrophenol	ND	20	5.7J	29	20	ND	0 Q	NC	20-130	30
4,6-Dinitro-o-cresol	ND	20	9.2J	46	20	4.1J	21	77	Q 20-164	30
Phenol	ND	20	7.3	37	20	5.4	27	30	12-110	30
2-Methylphenol	ND	20	13.	65	20	13.	65	0	30-130	30
3-Methylphenol/4-Methylphenol	ND	20	14.	70	20	12.	60	15	30-130	30
2,4,5-Trichlorophenol	ND	20	14.	70	20	6.1	31	79	Q 30-130	30
Carbazole	ND	20	18.	90	20	18.	90	0	55-144	30
Atrazine	ND	20	15.	75	20	15.	75	0	40-140	30
Benzaldehyde	ND	20	13.	65	20	13.	65	0	40-140	30
Caprolactam	ND	20	9.4J	47	20	9.5J	48	1	10-130	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Client Sample ID	: MW-7S	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2447503-07	Analysis Date	: 08/26/24 18:10
Matrix Spike	: WG1963467-4	MS Analysis Date	: 08/26/24 18:33
Matrix Spike Dup	: WG1963467-5	MSD Analysis Date	: 08/26/24 18:55

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	9.8	49	20	2.4J	12 Q	121 Q	40-140	30



Initial Calibration Summary

Form 6

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV112
 Calibration dates : 06/25/24 20:18 06/26/24 07:31

Lab Number : L2447503
 Project Number : 20116
 Ical Ref : ICAL21241

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.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	0.562	0.547	0.668	0.671	0.658	0.715	0.737	0.691	0.666	0.657	9.69
3) T Pyridine	0.765	0.804	1.096	1.064	1.020	1.187	1.214	1.164	1.068	1.043	15.30
4) S 2-Fluorophenol	1.042	0.902	1.137	1.062	1.020	1.069	1.112	1.061	1.048	1.050	6.30
5) T Aniline	2.034	1.689	1.779	1.844	1.753	1.761	1.854	1.790	1.794	1.811	5.35
6) T 2-Chlorophenol	1.446	1.123	1.293	1.241	1.188	1.224	1.274	1.223	1.242	1.251	7.06
7) S Phenol-d6	1.528	1.195	1.365	1.305	1.289	1.368	1.414	1.357	1.387	1.357	6.75
8) T Phenol	1.817	1.428	1.559	1.538	1.527	1.566	1.627	1.557	1.574	1.577	6.62
9) T bis(2-Chloroethyl)ether	1.421	1.058	1.219	1.151	1.143	1.120	1.163	1.115	1.115	1.167	8.96
10) T 1,3-Dichlorobenzene	1.825	1.427	1.538	1.518	1.438	1.487	1.482	1.424	1.436	1.508	8.33
11) T 1,4-Dichlorobenzene	1.923	1.640	1.694	1.536	1.486	1.486	1.516	1.438	1.453	1.575	9.88
12) T 1,2-Dichlorobenzene	1.745	1.340	1.594	1.450	1.424	1.428	1.446	1.404	1.447	1.475	8.21
13) T Benzyl alcohol	0.853	0.833	0.903	0.958	0.947	0.948	1.013	1.009	1.039	0.945	7.55
14) T bis(2-chloroisopropyl)ether	1.542	1.444	1.529	1.423	1.507	1.427	1.472	1.462	1.466	1.475	2.91
15) T 2-Methylphenol	1.068	0.979	1.057	1.054	1.005	1.051	1.101	1.074	1.118	1.056	4.08
16) T Hexachloroethane	0.605	0.534	0.540	0.589	0.515	0.542	0.556	0.550	0.587	0.558	5.34
17) T n-Nitrosodi-n-propylamine	0.857	0.797	0.848	0.850	0.863	0.844	0.894	0.895	0.940	0.865	4.65
18) T 3-Methylphenol/4-Methylphenol	1.109	1.056	1.147	1.130	1.122	1.166	1.205	1.181	1.237	1.150	4.72
19) S Nitrobenzene-d5	1.364	1.174	1.284	1.255	1.256	1.289	1.357	1.316	1.350	1.294	4.73
20) T Nitrobenzene	1.374	1.167	1.255	1.249	1.268	1.288	1.348	1.313	1.342	1.289	4.92
21) T Isophorone	2.526	2.023	2.282	2.274	2.361	2.267	2.412	2.399	2.410	2.328	6.09
22) T 2-Nitrophenol	0.572	0.455	0.543	0.529	0.574	0.574	0.614	0.643	0.665	0.574	10.96
23) T 2,4-Dimethylphenol	1.050	0.967	1.174	1.119	1.111	1.004	1.135	1.146	1.205	1.101	7.16
24) T bis(2-Chloroethoxy)methane	1.755	1.546	1.604	1.513	1.557	1.463	1.547	1.531	1.587	1.567	5.19
25) T 2,4-Dichlorophenol	1.200	1.008	1.072	1.112	1.136	1.123	1.219	1.218	1.285	1.153	7.42
26) T 1,2,4-Trichlorobenzene	1.821	1.484	1.450	1.478	1.378	1.332	1.381	1.373	1.442	1.460	9.94
27) I IS2_1,4-Dichlorobenzene-d4	-----ISTD-----										
28) T Benzaldehyde	1.040	0.972	1.109	1.072	1.093	1.082	1.162	1.162	1.149	1.094	5.70
29) T Acetophenone	1.672	1.587	1.917	1.903	1.905	1.998	2.059	2.064	2.024	1.903	8.87
30) T m-Toluidine	1.624	1.422	1.775	1.781	1.812	1.920	2.030	2.045	2.045	1.828	11.53
31) T 2-Chloroaniline	1.694	1.374	1.765	1.690	1.753	1.785	1.883	1.869	1.863	1.742	8.93
32) I IS3_1,4-Dichlorobenzene-d4	-----ISTD-----										
33) T 1,4-Dioxane	0.421	0.595	0.567	0.467	0.415	0.448	0.424	0.426	0.470	15.01	
34) T n-Decane	1.220	0.970	1.192	1.255	1.127	1.060	1.191	1.145	1.149	1.145	7.58
35) I IS1_Naphthalene-d8	-----ISTD-----										
36) T Naphthalene	1.266	1.035	1.152	1.087	1.005	0.997	1.043	0.966	0.888	1.049	10.49



Initial Calibration Summary

Form 6

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV112
 Calibration dates : 06/25/24 20:18 06/26/24 07:31

Lab Number : L2447503
 Project Number : 20116
 Ical Ref : ICAL21241

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.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) T Benzoic Acid					0.129	0.163	0.217	0.243	0.251	*L	0.9992
38) T 4-Chloroaniline	0.080	0.126	0.116	0.116	0.123	0.117	0.126	0.128	0.129	0.118	12.79
39) T Hexachlorobutadiene	0.283	0.225	0.275	0.254	0.226	0.226	0.241	0.236	0.246	0.246	8.74
40) T p-Chloro-m-cresol	0.262	0.248	0.265	0.272	0.279	0.270	0.296	0.299	0.302	0.277	6.77
41) T 2-Methylnaphthalene	0.846	0.703	0.755	0.742	0.670	0.650	0.700	0.683	0.670	0.713	8.47
42) T 1-Methylnaphthalene	0.316	0.233	0.258	0.237	0.231	0.218	0.236	0.235	0.243	0.245	11.70
43) T Hexachlorocyclopentadiene	0.245	0.228	0.273	0.253	0.241	0.226	0.253	0.261	0.279	0.251	7.32
44) T 2,4,6-Trichlorophenol	0.256	0.222	0.245	0.252	0.255	0.249	0.272	0.275	0.281	0.256	7.06
45) T 2,4,5-Trichlorophenol	0.242	0.215	0.272	0.252	0.257	0.258	0.278	0.287	0.301	0.262	9.81
46) S 2-Fluorobiphenyl	1.108	0.906	0.959	0.931	0.893	0.820	0.871	0.845	0.809	0.904	10.04
47) T 2-Chloronaphthalene	0.947	0.735	0.788	0.772	0.738	0.697	0.735	0.717	0.699	0.759	10.11
48) T 2-Nitroaniline	0.189	0.160	0.201	0.186	0.193	0.191	0.219	0.231	0.235	0.200	11.96
49) T 1,4-Dinitrobenzene	0.083	0.069	0.090	0.093	0.097	0.095	0.111	0.122	0.125	0.098	18.43
50) T 1,3-Dinitrobenzene	0.094	0.088	0.105	0.107	0.111	0.110	0.126	0.138	0.147	0.114	17.21
51) T Dimethyl phthalate	1.140	0.882	1.009	0.933	0.924	0.827	0.876	0.885	0.829	0.923	10.69
52) T Acenaphthylene	1.278	1.043	1.196	1.115	1.136	1.059	1.125	1.115	1.011	1.120	7.23
53) T 2,6-Dinitrotoluene	0.173	0.138	0.163	0.165	0.177	0.163	0.181	0.195	0.199	0.173	10.72
54) T 1,2-Dinitrobenzene			0.062	0.068	0.072	0.070	0.080	0.088	0.091	0.076	14.13
55) I IS2_Naphthalene-d8	-----ISTD-----										
56) T a-Terpeneol	0.269	0.222	0.274	0.268	0.264	0.279	0.299	0.310	0.310	0.277	9.94
57) T 3-Chloroaniline		0.104	0.168	0.149	0.143	0.149	0.158	0.163	0.168	0.150	13.96
58) T 2,6-Dichlorophenol	0.313	0.261	0.306	0.302	0.317	0.335	0.366	0.365	0.371	0.326	11.19
59) T 1-chloro-2-nitrobenzene	0.113	0.111	0.143	0.146	0.133	0.146	0.162	0.167	0.168	0.143	14.67
60) T Caprolactam				0.126	0.131	0.155	0.174	0.178	0.183	*L	0.9990
61) T 1,2,4,5-Tetrachlorobenzene	0.481	0.431	0.503	0.503	0.461	0.474	0.493	0.488	0.478	0.479	4.71
62) T Biphenyl	1.095	0.927	1.090	1.060	1.016	1.018	1.066	1.031	0.935	1.026	5.96
63) I IS1_Acenaphthene-d10	-----ISTD-----										
64) T 3-Nitroaniline	0.252	0.237	0.287	0.294	0.299	0.308	0.339	0.336	0.337	0.299	12.23
65) T Acenaphthene	1.314	1.113	1.226	1.123	1.053	1.036	1.084	1.054	1.029	1.115	8.64
66) T 2,4-Dinitrophenol			0.079	0.095	0.133	0.147	0.168	0.191	0.195	*Q	0.9985
67) T Dibenzofuran	2.211	1.799	2.086	1.945	1.751	1.726	1.777	1.698	1.542	1.837	11.29
68) T 2,4-Dinitrotoluene	0.319	0.294	0.352	0.365	0.387	0.389	0.418	0.459	0.468	0.383	15.30
69) T 4-Nitrophenol	0.317	0.249	0.284	0.274	0.264	0.286	0.308	0.313	0.311	0.290	8.32
70) T 2,3,5,6-Tetrachlorophenol	0.349	0.273	0.359	0.360	0.382	0.387	0.416	0.430	0.434	0.377	13.18
71) T 2,3,4,6-Tetrachlorophenol	0.327	0.272	0.371	0.360	0.389	0.365	0.400	0.421	0.424	0.370	12.93
72) T Diethyl phthalate	1.798	1.445	1.599	1.494	1.494	1.341	1.413	1.434	1.361	1.487	9.42



Initial Calibration Summary

Form 6

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV112
 Calibration dates : 06/25/24 20:18 06/26/24 07:31

Lab Number : L2447503
 Project Number : 20116
 Ical Ref : ICAL21241

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.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 Fluorene	1.722	1.358	1.548	1.423	1.385	1.344	1.395	1.386	1.317	1.431	8.89
74) T 4-Chlorophenyl-phenylether	0.957	0.826	0.818	0.791	0.738	0.691	0.715	0.740	0.741	0.780	10.31
75) T 4-Nitroaniline	0.243	0.230	0.295	0.325	0.330	0.334	0.361	0.368	0.344	0.314	15.56
76) T 4,6-Dinitro-o-cresol		0.090	0.161	0.181	0.205	0.204	0.232	0.261	0.263	*L	0.9966
77) T NDPA/DPA	1.445	1.148	1.297	1.268	1.198	1.152	1.215	1.205	1.148	1.231	7.78
78) T Azobenzene	1.524	1.129	1.373	1.336	1.302	1.260	1.305	1.296	1.220	1.305	8.30
79) S 2,4,6-Tribromophenol			0.253	0.239	0.249	0.236	0.255	0.277	0.288	0.257	7.47
80) T 4-Bromophenyl-phenylether	0.639	0.500	0.517	0.492	0.471	0.440	0.462	0.485	0.490	0.500	11.37
81) T Hexachlorobenzene	0.879	0.616	0.680	0.640	0.584	0.529	0.554	0.574	0.592	0.628	16.66
82) T Pentachlorophenol			0.259	0.272	0.303	0.302	0.345	0.384	0.391	0.322	16.23
83) I IS2_Acenaphthene-d10	-----ISTD-----										
84) T Dichloran				0.160	0.184	0.198	0.225	0.256	0.269	*L	0.9964
85) T Pentachloronitrobenzene			0.200	0.205	0.213	0.226	0.246	0.272	0.282	0.235	13.89
86) I IS3_Acenaphthene-d10	-----ISTD-----										
87) T Atrazine	0.389	0.299	0.438	0.468	0.450	0.397	0.506	0.509	0.516	0.441	16.04
88) I IS1_Phenanthrene-d10	-----ISTD-----										
89) T Phenanthrene	1.320	1.071	1.173	1.090	1.015	1.012	1.045	0.947	0.850	1.058	12.62
90) T Anthracene	1.256	1.017	1.087	1.043	1.001	0.996	1.069	0.971	0.876	1.035	9.97
91) T Carbazole	1.052	0.896	1.012	0.948	0.942	0.948	1.001	0.904	0.827	0.948	7.18
92) T Di-n-butylphthalate	1.109	0.955	1.058	1.048	1.078	0.981	1.100	1.066	0.910	1.034	6.68
93) T Fluoranthene	1.499	1.186	1.326	1.251	1.214	1.178	1.266	1.147	0.982	1.228	11.39
94) T Benzidine	0.637	0.494	0.641	0.646	0.698	0.700	0.797	0.760	0.702	0.675	12.87
95) T Pyrene	1.601	1.214	1.406	1.321	1.304	1.289	1.345	1.209	1.024	1.301	12.03
96) S 4-Terphenyl-d14	1.228	0.991	1.112	1.049	1.046	0.959	1.026	0.978	0.869	1.029	9.83
97) T Butyl benzyl phthalate	0.487	0.361	0.434	0.413	0.452	0.421	0.491	0.535	0.524	0.458	12.35
98) I IS2_Phenanthrene-d10	-----ISTD-----										
99) T Diphenamid	0.509	0.383	0.468	0.508	0.502	0.532	0.578	0.597	0.558	0.515	12.43
100) I IS3_Phenanthrene-d10	-----ISTD-----										
101) T n-Octadecane	0.312	0.243	0.299	0.318	0.319	0.280	0.358	0.350	0.355	0.315	12.02
102) T Parathion		0.054	0.076	0.080	0.077	0.074	0.098	0.109	0.122	*Q	0.9982
103) T 3,3'-Dimethylbenzidine			0.593	0.660	0.700	0.676	0.865	0.857	0.806	*L	0.9971
104) I IS1_Chrysene-d12	-----ISTD-----										
105) T Benzo[a]anthracene	1.601	1.212	1.376	1.301	1.272	1.244	1.317	1.203	1.034	1.284	11.88
106) T 3,3'-Dichlorobenzidine	0.484	0.379	0.450	0.441	0.460	0.466	0.523	0.512	0.497	0.468	9.31
107) T Chrysene	1.675	1.240	1.402	1.329	1.232	1.205	1.249	1.091	0.910	1.259	16.66
108) T bis(2-Ethylhexyl)phthalate	0.620	0.525	0.597	0.603	0.661	0.610	0.702	0.753	0.677	0.639	10.51



Initial Calibration Summary

Form 6

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV112
 Calibration dates : 06/25/24 20:18 06/26/24 07:31

Lab Number : L2447503
 Project Number : 20116
 Ical Ref : ICAL21241

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.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 Di-n-octylphthalate	0.924	0.768	0.917	0.888	1.018	0.992	1.151	1.177	0.974	0.979	13.03
110) T Benzo(b)fluoranthene	1.582	1.244	1.467	1.388	1.283	1.299	1.315	1.163	1.116	1.317	11.01
111) T Benzo(k)fluoranthene	1.265	1.114	1.303	1.202	1.228	1.278	1.375	1.175	0.881	1.202	11.84
112) T Benzo(a)pyrene	1.261	1.054	1.246	1.174	1.126	1.174	1.245	1.108	0.956	1.149	8.76
113) I IS1_Perylene-d12	-----ISTD-----										
114) T Indeno(1,2,3-cd)pyrene	1.192	0.988	1.118	1.057	1.007	1.143	1.162	1.212	1.186	1.118	7.36
115) T Dibenzo[a,h]anthracene	1.040	0.931	1.151	1.098	1.025	1.080	1.151	1.109	1.027	1.068	6.60
116) T Benzo(g,h,i)perylene	1.205	1.041	1.145	1.079	1.012	1.062	1.104	1.049	1.001	1.078	6.06



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV112
 Lab File ID : ABN0826
 Sample No : WG1963848-3
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/26/24 09:05
 Init. Calib. Date(s) : 06/25/24 06/26/24
 Init. Calib. Times : 20:18 07:31

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	104	0
n-Nitrosodimethylamine	0.657	0.712	-	-8.4	20	104	0
Pyridine	1.043	1.077	-	-3.3	20	94	0
2-Fluorophenol	1.05	1.023	-	2.6	20	100	0
Aniline	1.811	1.616	-	10.8	20	96	0
2-Chlorophenol	1.251	1.147	-	8.3	20	98	0
Phenol-d6	1.357	1.289	-	5	20	98	0
Phenol	1.577	1.405	-	10.9	20	94	0
Bis(2-chloroethyl)ether	1.167	1.094	-	6.3	20	102	0
1,3-Dichlorobenzene	1.508	1.356	-	10.1	20	95	0
1,4-Dichlorobenzene	1.575	1.373	-	12.8	20	96	0
1,2-Dichlorobenzene	1.475	1.309	-	11.3	20	95	0
Benzyl alcohol	0.945	0.923	-	2.3	20	101	0
Bis(2-chloroisopropyl)ethe	1.475	1.601	-	-8.5	20	117	0
2-Methylphenol	1.056	0.983	-	6.9	20	97	0
Hexachloroethane	0.558	0.532	-	4.7	20	102	0
n-Nitrosodi-n-propylamine	0.865	0.809	-	6.5	20	100	0
3-Methylphenol/4-Methylphe	1.15	1.069	-	7	20	95	0
Nitrobenzene-d5	1.294	1.231	-	4.9	20	99	0
Nitrobenzene	1.289	1.226	-	4.9	20	99	0
Isophorone	2.328	2.133	-	8.4	20	98	0
2-Nitrophenol	0.574	0.586	-	-2.1	20	106	0
2,4-Dimethylphenol	1.101	1.029	-	6.5	20	107	0
Bis(2-chloroethoxy)methane	1.567	1.374	-	12.3	20	98	0
2,4-Dichlorophenol	1.153	1.042	-	9.6	20	97	0
1,2,4-Trichlorobenzene	1.46	1.17	-	19.9	20	91	0
IS1_Naphthalene-d8	1	1	-	0	20	99	0
Naphthalene	1.049	0.933	-	11.1	20	92	0
Benzoic Acid	5	4.999	-	0	20	111	0
4-Chloroaniline	0.118	0.121	-	-2.5	20	102	0
Hexachlorobutadiene	0.246	0.209	-	15	20	91	0
p-Chloro-m-cresol	0.277	0.27	-	2.5	20	99	0
2-Methylnaphthalene	0.713	0.606	-	15	20	92	0
1-Methylnaphthalene	0.245	0.203	-	17.1	20	92	0
Hexachlorocyclopentadiene	0.251	0.229	-	8.8	20	100	0
2,4,6-Trichlorophenol	0.256	0.233	-	9	20	92	0
2,4,5-Trichlorophenol	0.262	0.249	-	5	20	95	0
2-Fluorobiphenyl	0.904	0.746	-	17.5	20	90	0
2-Chloronaphthalene	0.759	0.647	-	14.8	20	92	0
2-Nitroaniline	0.2	0.203	-	-1.5	20	105	0
1,4-Dinitrobenzene	0.098	0.099	-	-1	20	103	0
1,3-Dinitrobenzene	0.114	0.114	-	0	20	102	0
Dimethyl phthalate	0.923	0.779	-	15.6	20	93	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV112
 Lab File ID : ABN0826
 Sample No : WG1963848-3
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/26/24 09:05
 Init. Calib. Date(s) : 06/25/24 06/26/24
 Init. Calib. Times : 20:18 07:31

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.12	1.011	-	9.7	20	94	0
2,6-Dinitrotoluene	0.173	0.169	-	2.3	20	102	0
1,2-Dinitrobenzene	0.076	0.073	-	3.9	20	102	0
IS1_Acenaphthene-d10	1	1	-	0	20	99	0
3-Nitroaniline	0.299	0.312	-	-4.3	20	100	0
Acenaphthene	1.115	0.969	-	13.1	20	92	0
2,4-Dinitrophenol	5	5.716	-	-14.3	20	126	0
Dibenzofuran	1.837	1.588	-	13.6	20	91	0
2,4-Dinitrotoluene	0.383	0.395	-	-3.1	20	100	0
4-Nitrophenol	0.29	0.283	-	2.4	20	98	0
2,3,5,6-Tetrachlorophenol	0.377	0.372	-	1.3	20	95	0
2,3,4,6-Tetrachlorophenol	0.37	0.364	-	1.6	20	98	0
Diethyl phthalate	1.487	1.317	-	11.4	20	97	0
Fluorene	1.431	1.263	-	11.7	20	93	0
4-Chlorophenyl phenyl ether	0.78	0.621	-	20.4*	20	89	0
4-Nitroaniline	0.314	0.312	-	0.6	20	92	0
4,6-Dinitro-o-cresol	5	4.99	-	0.2	20	119	0
NDPA/DPA	1.231	1.078	-	12.4	20	92	0
Azobenzene	1.305	1.249	-	4.3	20	98	0
2,4,6-Tribromophenol	0.257	0.231	-	10.1	20	97	0
4-Bromophenyl phenyl ether	0.5	0.396	-	20.8*	20	89	0
Hexachlorobenzene	0.628	0.487	-	22.5*	20	91	0
Pentachlorophenol	0.322	0.325	-	-0.9	20	106	0
IS1_Phenanthrene-d10	1	1	-	0	20	100	0
Phenanthrene	1.058	0.933	-	11.8	20	92	0
Anthracene	1.035	0.936	-	9.6	20	94	0
Carbazole	0.948	0.886	-	6.5	20	93	0
Di-n-butylphthalate	1.034	1.007	-	2.6	20	103	0
Fluoranthene	1.228	1.112	-	9.4	20	94	0
Benzidine	0.675	0.694	-	-2.8	20	99	0
Pyrene	1.301	1.176	-	9.6	20	91	0
4-Terphenyl-d14	1.029	0.864	-	16	20	90	0
Butyl benzyl phthalate	0.458	0.47	-	-2.6	20	111	0
IS1_Chrysene-d12	1	1	-	0	20	97	0
Benzo(a)anthracene	1.284	1.153	-	10.2	20	90	0
3,3'-Dichlorobenzidine	0.468	0.453	-	3.2	20	94	0
Chrysene	1.259	1.132	-	10.1	20	91	0
Bis(2-ethylhexyl)phthalate	0.639	0.656	-	-2.7	20	105	0
Di-n-octylphthalate	0.979	1.125	-	-14.9	20	110	0
Benzo(b)fluoranthene	1.317	1.253	-	4.9	20	94	0
Benzo(k)fluoranthene	1.202	1.163	-	3.2	20	88	0
Benzo(a)pyrene	1.149	1.109	-	3.5	20	92	0
IS1_Perylene-d12	1	1	-	0	20	98	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV112
 Lab File ID : ABN0826
 Sample No : WG1963848-3
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/26/24 09:05
 Init. Calib. Date(s) : 06/25/24 06/26/24
 Init. Calib. Times : 20:18 07:31

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.118	0.996	-	10.9	20	86	0
Dibenzo(a,h)anthracene	1.068	0.993	-	7	20	91	0
Benzo(ghi)perylene	1.078	0.979	-	9.2	20	91	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV112
 Lab File ID : AP90826
 Sample No : WG1963848-4
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/26/24 09:27
 Init. Calib. Date(s) : 06/25/24 06/26/24
 Init. Calib. Times : 20:18 07:31

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	91	0
Benzaldehyde	1.094	0.941	-	14	20	79	0
Acetophenone	1.903	1.584	-	16.8	20	72	0
m-Toluidine	1.828	1.522	-	16.7	20	72	0
2-Chloroaniline	1.742	1.404	-	19.4	20	72	0
IS2_Naphthalene-d8	1	1	-	0	20	88	0
a-Terpineol	0.277	0.26	-	6.1	20	82	0
3-Chloroaniline	0.15	0.133	-	11.3	20	79	0
2,6-Dichlorophenol	0.326	0.273	-	16.3	20	72	0
1-chloro-2-nitrobenzene	0.143	0.128	-	10.5	20	77	0
Caprolactam	5	4.527	-	9.5	20	85	0
1,2,4,5-Tetrachlorobenzene	0.479	0.353	-	26.3*	20	66	0
Biphenyl	1.026	0.774	-	24.6*	20	67	0
IS2_Acenaphthene-d10	1	1	-	0	20	84	0
Dichloran	5	3.809	-	23.8*	20	71	0
Pentachloronitrobenzene	0.235	0.184	-	21.7*	20	68	0
IS2_Phenanthrene-d10	1	1	-	0	20	81	0
Diphenamid	0.515	0.401	-	22.1*	20	61	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV106
 Lab File ID : ABN0827
 Sample No : WG1964242-3
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/27/24 06:53
 Init. Calib. Date(s) : 06/24/24 06/25/24
 Init. Calib. Times : 16:56 04:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	133	0
n-Nitrosodimethylamine	0.851	0.943	-	-10.8	20	162	0
Pyridine	1.392	1.432	-	-2.9	20	149	0
2-Fluorophenol	1.156	1.168	-	-1	20	144	0
Aniline	2.049	2.099	-	-2.4	20	150	0
2-Chlorophenol	1.288	1.248	-	3.1	20	145	0
Phenol-d6	1.583	1.673	-	-5.7	20	158	0
Phenol	1.642	1.765	-	-7.5	20	158	0
Bis(2-chloroethyl)ether	1.348	1.337	-	0.8	20	146	0
1,3-Dichlorobenzene	1.546	1.442	-	6.7	20	138	0
1,4-Dichlorobenzene	1.565	1.5	-	4.2	20	143	0
1,2-Dichlorobenzene	1.522	1.439	-	5.5	20	141	0
Benzyl alcohol	1.267	1.465	-	-15.6	20	169	0
Bis(2-chloroisopropyl)ethe	2.166	2.255	-	-4.1	20	156	0
2-Methylphenol	1.183	1.225	-	-3.6	20	151	0
Hexachloroethane	0.623	0.622	-	0.2	20	153	0
n-Nitrosodi-n-propylamine	1.057	1.25	-	-18.3	20	168	0
3-Methylphenol/4-Methylphe	1.279	1.295	-	-1.3	20	149	0
Nitrobenzene-d5	1.619	1.869	-	-15.4	20	172	0
Nitrobenzene	1.643	1.822	-	-10.9	20	167	0
Isophorone	2.76	3.354	-	-21.5*	20	172	0
2-Nitrophenol	0.692	0.724	-	-4.6	20	150	0
2,4-Dimethylphenol	1.301	1.451	-	-11.5	20	163	0
Bis(2-chloroethoxy)methane	1.778	1.832	-	-3	20	152	0
2,4-Dichlorophenol	1.233	1.215	-	1.5	20	142	0
1,2,4-Trichlorobenzene	1.51	1.374	-	9	20	140	0
IS1_Naphthalene-d8	1	1	-	0	20	143	0
Naphthalene	1.147	0.985	-	14.1	20	140	0
Benzoic Acid	5	4.783	-	4.3	20	146	0
4-Chloroaniline	0.169	0.179	-	-5.9	20	163	0
Hexachlorobutadiene	0.303	0.26	-	14.2	20	142	0
p-Chloro-m-cresol	0.343	0.375	-	-9.3	20	167	0
2-Methylnaphthalene	0.764	0.66	-	13.6	20	137	0
1-Methylnaphthalene	0.29	0.297	-	-2.4	20	160	0
Hexachlorocyclopentadiene	0.336	0.312	-	7.1	20	144	0
2,4,6-Trichlorophenol	0.301	0.271	-	10	20	137	0
2,4,5-Trichlorophenol	0.322	0.298	-	7.5	20	138	0
2-Fluorobiphenyl	1.027	0.855	-	16.7	20	133	0
2-Chloronaphthalene	0.813	0.742	-	8.7	20	144	0
2-Nitroaniline	0.245	0.22	-	10.2	20	135	0
1,4-Dinitrobenzene	0.129	0.128	-	0.8	20	150	0
1,3-Dinitrobenzene	0.147	0.139	-	5.4	20	140	0
Dimethyl phthalate	0.989	0.932	-	5.8	20	145	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV106
 Lab File ID : ABN0827
 Sample No : WG1964242-3
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/27/24 06:53
 Init. Calib. Date(s) : 06/24/24 06/25/24
 Init. Calib. Times : 16:56 04:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.244	1.076	-	13.5	20	132	0
2,6-Dinitrotoluene	0.213	0.203	-	4.7	20	141	0
1,2-Dinitrobenzene	0.091	0.087	-	4.4	20	141	0
IS1_Acenaphthene-d10	1	1	-	0	20	149	0
3-Nitroaniline	0.319	0.304	-	4.7	20	142	0
Acenaphthene	1.153	0.995	-	13.7	20	142	0
2,4-Dinitrophenol	0.213	0.209	-	1.9	20	144	0
Dibenzofuran	1.936	1.666	-	13.9	20	142	0
2,4-Dinitrotoluene	0.475	0.421	-	11.4	20	136	0
4-Nitrophenol	0.323	0.376	-	-16.4	20	183	0
2,3,5,6-Tetrachlorophenol	0.452	0.412	-	8.8	20	140	0
2,3,4,6-Tetrachlorophenol	0.435	0.397	-	8.7	20	137	0
Diethyl phthalate	1.529	1.418	-	7.3	20	150	0
Fluorene	1.523	1.255	-	17.6	20	133	0
4-Chlorophenyl phenyl ethe	0.801	0.653	-	18.5	20	138	0
4-Nitroaniline	0.333	0.276	-	17.1	20	133	0
4,6-Dinitro-o-cresol	0.266	0.286	-	-7.5	20	153	0
NDPA/DPA	1.263	1.113	-	11.9	20	139	0
Azobenzene	1.446	1.497	-	-3.5	20	166	0
2,4,6-Tribromophenol	0.249	0.205	-	17.7	20	125	0
4-Bromophenyl phenyl ether	0.5	0.414	-	17.2	20	136	0
Hexachlorobenzene	0.569	0.455	-	20	20	134	0
Pentachlorophenol	0.361	0.324	-	10.2	20	130	0
IS1_Phenanthrene-d10	1	1	-	0	20	143	0
Phenanthrene	1.117	0.963	-	13.8	20	140	0
Anthracene	1.111	0.991	-	10.8	20	139	0
Carbazole	1.018	0.876	-	13.9	20	135	0
Di-n-butylphthalate	1.195	1.181	-	1.2	20	150	0
Fluoranthene	1.366	1.163	-	14.9	20	135	0
Benzidine	0.741	0.772	-	-4.2	20	151	0
Pyrene	1.44	1.226	-	14.9	20	135	0
4-Terphenyl-d14	1.076	0.879	-	18.3	20	131	0
Butyl benzyl phthalate	0.55	0.557	-	-1.3	20	159	0
IS1_Chrysene-d12	1	1	-	0	20	141	0
Benzo(a)anthracene	1.478	1.253	-	15.2	20	135	0
3,3'-Dichlorobenzidine	0.489	0.466	-	4.7	20	135	0
Chrysene	1.429	1.194	-	16.4	20	134	0
Bis(2-ethylhexyl)phthalate	0.817	0.876	-	-7.2	20	155	0
Di-n-octylphthalate	1.352	1.513	-	-11.9	20	165	0
Benzo(b)fluoranthene	1.43	1.174	-	17.9	20	134	0
Benzo(k)fluoranthene	1.356	1.216	-	10.3	20	135	0
Benzo(a)pyrene	1.242	1.107	-	10.9	20	135	0
IS1_Perylene-d12	1	1	-	0	20	141	0

* Value outside of QC limits.



Calibration Verification Summary
Form 7
Semivolatiles

Client : Alpha Geoscience
Project Name : HUNTINGTON READY MIX
Instrument ID : SV106
Lab File ID : ABN0827
Sample No : WG1964242-3
Channel :

Lab Number : L2447503
Project Number : 20116
Calibration Date : 08/27/24 06:53
Init. Calib. Date(s) : 06/24/24 06/25/24
Init. Calib. Times : 16:56 04:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.082	1.222	-	-12.9	20	165	0
Dibenzo(a,h)anthracene	1.042	0.986	-	5.4	20	139	0
Benzo(ghi)perylene	0.964	0.956	-	0.8	20	143	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : SV106
 Lab File ID : AP90827
 Sample No : WG1964242-4
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/27/24 07:17
 Init. Calib. Date(s) : 06/24/24 06/25/24
 Init. Calib. Times : 16:56 04:24

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	113	0
Benzaldehyde	1.187	1.094	-	7.8	20	106	0
Acetophenone	2.158	1.959	-	9.2	20	104	0
m-Toluidine	1.957	1.83	-	6.5	20	107	0
2-Chloroaniline	1.709	1.43	-	16.3	20	96	0
IS2_Naphthalene-d8	1	1	-	0	20	111	0
a-Terpineol	0.4	0.383	-	4.3	20	107	0
3-Chloroaniline	0.201	0.205	-	-2	20	114	0
2,6-Dichlorophenol	0.362	0.312	-	13.8	20	92	0
1-chloro-2-nitrobenzene	0.18	0.176	-	2.2	20	105	0
Caprolactam	0.21	0.21	-	0	20	103	0
1,2,4,5-Tetrachlorobenzene	0.548	0.42	-	23.4*	20	88	0
Biphenyl	1.084	0.842	-	22.3*	20	88	0
IS2_Acenaphthene-d10	1	1	-	0	20	112	0
Dichloran	0.247	0.181	-	26.7*	20	77	0
Pentachloronitrobenzene	0.27	0.228	-	15.6	20	88	0
IS2_Phenanthrene-d10	1	1	-	0	20	102	0
Diphenamid	0.561	0.449	-	20	20	80	0

* Value outside of QC limits.





Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method 8270E Semi-Volatiles
Data for Alpha Analytical, SDG Number: L2447503**

**8 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV112 on 06-25-24. 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 08-26-24 (WG1963848-3). The RRF for 2-chloronaphthalene was below the method minimum, but not below 0.010 on 08-27-24 (WG1964242-3). The %Ds for 4-chlorophenyl phenyl ether, 4-bromophenyl phenyl ether, and hexachlorobenzene were above the method maximum on 08-26-24 (WG1963848-3). The %D for isophorone was above the method maximum on 08-27-24 (WG1964242-3). 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 %Ds for 4-chlorophenyl phenyl ether, 4-bromophenyl phenyl ether, and hexachlorobenzene were above the allowable maximum (20%) on 08-26-24 (WG1963848-3). The %Ds for 1,2,4,5-tetrachlorobenzene and biphenyl were above the allowable maximum (20%) on 08-26-24 (WG1963848-4). The %D for isophorone was above the allowable maximum (20%) on 08-27-24 (WG1964242-3). The %Ds for 1,2,4,5-tetrachlorobenzene and biphenyl were above the allowable maximum (20%) on 08-27-24

(WG1964242-4). 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. FIELD BLANK contained a trace of phenol (2.2 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: One of three surrogate recoveries for samples MW-3S, MW-6D, MW-7S, and EQUIPMENT BLANK was below control limits, but not below 10%. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 8 compounds (highlighted yellow on attached Form 3) were above the allowable maximum; 2 of 2 percent recoveries (%Rs) for hexachlorocyclopentadiene were below QC limits, but not below 30%; and 1 of 2 for 2,4,6-trichlorophenol, 2,4-dinitrophenol, and 2,3,4,6-tetrachlorophenol were below QC limits and below 30% for aqueous MS/MSD sample MW-7S. The “not detected” result for hexachlorocyclopentadiene should be considered estimated (UJ) and the “not detected” results for 2,4,6-trichlorophenol, 2,4-dinitrophenol, and 2,3,4,6-tetrachlorophenol rejected, unusable (R) in sample MW-7S.

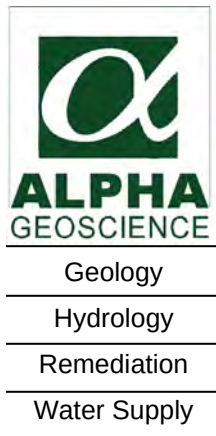
Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for bis(2-chloroisopropyl)ether and hexachlorocyclopentadiene were below QC limits, but not below 30% for aqueous samples WG1963467-2/3. Positive results for these compounds should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated aqueous samples.

The %Rs for target compounds were within QC limits, but the RPD for 3,3'-dichlorobenzidine was above the allowable maximum for aqueous samples WG1964120-2/3. Positive results for 3,3'-dichlorobenzidine should be considered estimated (J) in associated aqueous samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/DUP reported target compounds either as 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 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.

SVOC SIM Data Section



**QA/QC Review of Method 8270D SIM Semi-Volatiles
Data for Alpha Analytical, SDG Number: L2447503**

**8 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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: Method blank WG1964121-1BLANK contained traces of 6 compounds (highlighted yellow on attached Form 1). EQUIPMENT BLANK contained traces of naphthalene (0.08 ug/L) and 2-methylnaphthalene (0.05 ug/L). Positive results for these compounds 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: One of three surrogate recoveries for sample MW-3S, MW-6D, MW-7S, and EQUIPMENT BLANK was below control limits, but not below 10%. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for pentachlorophenol was above the allowable maximum and 2 of 2 percent recoveries for pentachlorophenol were below QC limits and 1 below 30% for aqueous MS/MSD sample MW-7S. The “not detected” result for pentachlorophenol should be considered rejected, unusable (R) in sample MW-7S.

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 WG1963468-2/3 and WG1964121-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/DUP reported target compounds either as 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 compound and surrogate results were within GC/MS quantitation limits.

Surrogate Recovery Summary

Form 2

Semivolatiles

Client: Alpha Geoscience
Project Name: HUNTINGTON READY MIX

Lab Number: L2447503
Project Number: 20116
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
MW-1S (L2447503-01)	31	26	64	72	67	72	0
MW-2S (L2447503-02)	25	24	100	85	39	92	0
MW-3S (L2447503-03)	14*	18	58	64	27	67	1
MW-4D (L2447503-04)	38	28	63	70	73	66	0
MW-5S (L2447503-05)	41	30	69	78	85	75	0
MW-6D (L2447503-06)	12*	14	67	74	26	76	1
MW-7S (L2447503-07)	11*	13	66	73	22	70	1
MW-8S (L2447503-08)	44	32	70	76	85	72	0
DUP (L2447503-09)	39	29	66	73	74	70	0
FIELD BLANK (L2447503-10)	41	29	64	70	78	70	0
EQUIPMENT BLANK (L2447503-11)	15*	19	61	65	32	63	1
WG1963468-1BLANK	42	32	66	69	84	75	0
WG1963468-2LCS	48	37	67	72	92	74	0
WG1963468-3LCSD	47	37	65	69	87	70	0
MW-7SMS	36	32	67	72	72	75	0
MW-7SMSD	17*	21	69	75	32	76	1
WG1964121-1BLANK	51	35	93	88	68	94	0
WG1964121-2LCS	53	41	88	72	71	84	0
WG1964121-3LCSD	55	45	89	76	77	88	0

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

FORM II NYTCL-8270-SIM-RVT



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Client Sample ID : **MW-7S**
 Lab Sample ID : L2447503-07
 Matrix Spike : WG1963468-4
 Matrix Spike Dup : WG1963468-5

Lab Number : L2447503
 Project Number : 20116
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/25/24 19:00
 MS Analysis Date : 08/25/24 19:17
 MSD Analysis Date : 08/25/24 19:33

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			
Acenaphthene	ND	20	15	75	20	15	75	0	40-140	40
2-Chloronaphthalene	ND	20	13	65	20	14	70	7	40-140	40
Fluoranthene	ND	20	15	75	20	15	75	0	40-140	40
Hexachlorobutadiene	ND	20	11	55	20	11	55	0	40-140	40
Naphthalene	0.06J	20	13	65	20	13	65	0	40-140	40
Benzo(a)anthracene	ND	20	17	85	20	17	85	0	40-140	40
Benzo(a)pyrene	ND	20	15	75	20	15	75	0	40-140	40
Benzo(b)fluoranthene	ND	20	15	75	20	15	75	0	40-140	40
Benzo(k)fluoranthene	ND	20	15	75	20	15	75	0	40-140	40
Chrysene	ND	20	16	80	20	16	80	0	40-140	40
Acenaphthylene	ND	20	13	65	20	14	70	7	40-140	40
Anthracene	ND	20	16	80	20	17	85	6	40-140	40
Benzo(ghi)perylene	ND	20	18	90	20	18	90	0	40-140	40
Fluorene	ND	20	14	70	20	15	75	7	40-140	40
Phenanthrene	ND	20	16	80	20	16	80	0	40-140	40
Dibenzo(a,h)anthracene	ND	20	18	90	20	18	90	0	40-140	40
Indeno(1,2,3-cd)pyrene	ND	20	19	95	20	19	95	0	40-140	40
Pyrene	ND	20	15	75	20	15	75	0	40-140	40
2-Methylnaphthalene	ND	20	13	65	20	13	65	0	40-140	40
Pentachlorophenol	ND	20	6.7	34 Q	20	1.1	6 Q	144 Q	40-140	40
Hexachlorobenzene	ND	20	18	90	20	19	95	5	40-140	40
Hexachloroethane	ND	20	10	50	20	10	50	0	40-140	40



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Lab ID : WG1964121-1
 Client ID : **WG1964121-1BLANK**
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 964121-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2447503
 Project Number : 20116
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/27/24 08:48
 Date Extracted : 08/26/24
 Dilution Factor : 1
 Analyst : RP
 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	0.03	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	0.06	0.10	0.02	J
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	0.06	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	0.05	0.10	0.03	J
87-86-5	Pentachlorophenol	0.50	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



1,4-Dioxane

Data Section



**QA/QC Review of Method 8270D SIM 1,4-Dioxane
Data for Alpha Analytical, SDG Number: L2447503**

**4 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

Geology

Hydrology

Remediation

Water Supply

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Initial Calibration: The average RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analyses of the method, field, and equipment 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-7S.

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 WG1963994-2/3 and WG1964624-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/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: L2447503**

**8 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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-7S.

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 WG1963569-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/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 %D for trans-chlordane was above the allowable maximum (20%) for channel A on 08-26-24 (11240826a-03). The %Ds for 8 pesticides (highlighted yellow on attached Form 7) were above the allowable maximum (20%) for channel B on 08-26-24 (11240826a-03). The average %D for chlordane was above the allowable maximum (20%) for channel A on 08-26-24 (11240826a-04). The average %D for toxaphene was

above the allowable maximum (20%) for channel A on 08-26-24 (11240826a-05). The average %D for toxaphene was above the allowable maximum (20%) for channel A on 08-26-24 (20240826a-05). The %D for endrin aldehyde was above the allowable maximum (20%) for channel A on 08-26-24 (18240826a-29). 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 results were within quantitation limits. The analyses of ground water samples reported target single component pesticides as not detected.

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 MIX
 Instrument ID : PEST11
 Lab File ID : 11240826a-03
 Sample No : WG1963716-1
 Channel : A

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/26/24 06:02
 Init. Calib. Date(s) : 08/01/24 08/01/24
 Init. Calib. Times : 18:37 23:11

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	99	0
2,4,5,6-Tetrachloro-m-xylene	1.039	1.068	-	-2.8	20	99	0
Hexachlorobenzene	1.406	1.134	-	19.3	20	81	0
alpha-BHC	1.461	1.588	-	-8.7	20	97	0
gamma-BHC (lindane)	1.395	1.423	-	-2	20	94	0
beta-BHC	0.628	0.61	-	2.9	20	96	0
delta-BHC	1.374	1.404	-	-2.2	20	92	0
Heptachlor	1.321	1.424	-	-7.8	20	101	0
Aldrin	1.233	1.361	-	-10.4	20	102	0
Alachlor	0.23	0.198	-	13.9	20	84	0
Chlorpyrifos	0.59	0.634	-	-7.5	20	113	0
Heptachlor Epoxide	1.185	1.251	-	-5.6	20	100	0
gamma-Chlordane (trans)	1.077	1.316	-	-22.2*	20	117	0
alpha-Chlordane (cis)	1.216	1.297	-	-6.7	20	102	0
4,4'-DDE	1.192	1.278	-	-7.2	20	100	0
Endosulfan I	1.116	1.184	-	-6.1	20	101	0
Dieldrin	1.135	1.342	-	-18.2	20	110	0
Endrin	1.153	1.252	-	-8.6	20	101	0
4,4'-DDD	0.927	1.069	-	-15.3	20	108	0
Endosulfan II	1.052	1.154	-	-9.7	20	103	0
4,4'-DDT	1.058	1.141	-	-7.8	20	101	0
Endrin Aldehyde	0.886	0.824	-	7	20	90	0
Methoxychlor	0.592	0.622	-	-5.1	20	106	0
Mirex	0.938	1.011	-	-7.8	20	110	0
Endosulfan Sulfate	1.01	1.133	-	-12.2	20	110	0
Endrin Ketone	1.183	1.29	-	-9	20	104	0
Decachlorobiphenyl	1.163	1.083	-	6.9	20	100	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Pesticides

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : PEST11
 Lab File ID : 11240826a-03
 Sample No : WG1963716-1
 Channel : B

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/26/24 06:02
 Init. Calib. Date(s) : 08/01/24 08/01/24
 Init. Calib. Times : 18:37 23:11

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	95	0
2,4,5,6-Tetrachloro-m-xyl	1.114	0.994	-	10.8	20	85	0
Hexachlorobenzene	1.239	1.05	-	15.3	20	85	0
alpha-BHC	1.62	1.438	-	11.2	20	79	0
gamma-BHC (lindane)	1.539	1.287	-	16.4	20	78	0
beta-BHC	50	44.509	-	11	20	81	0
delta-BHC	1.523	1.264	-	17	20	76	0
Heptachlor	1.598	1.259	-	21.2*	20	75	0
Aldrin	1.435	1.181	-	17.7	20	76	0
Alachlor	50	51.81	-	-3.6	20	89	0
Chlorpyrifos	50	42.432	-	15.1	20	75	0
Heptachlor Epoxide	1.425	1.099	-	22.9*	20	75	0
gamma-Chlordane (trans)	1.312	1.136	-	13.4	20	86	0
alpha-Chlordane (cis)	1.446	1.115	-	22.9*	20	76	0
4,4'-DDE	1.343	1.091	-	18.8	20	75	0
Endosulfan I	1.332	1.034	-	22.4*	20	76	0
Dieldrin	1.327	1.16	-	12.6	20	82	0
Endrin	1.347	1.092	-	18.9	20	76	0
4,4'-DDD	1.084	0.922	-	14.9	20	80	0
Endosulfan II	1.214	0.993	-	18.2	20	80	0
4,4'-DDT	1.25	0.969	-	22.5*	20	73	0
Endrin Aldehyde	50	38.291	-	23.4*	20	71	0
Methoxychlor	0.704	0.52	-	26.1*	20	76	0
Mirex	50	45.291	-	9.4	20	83	0
Endosulfan Sulfate	1.199	0.951	-	20.7*	20	80	0
Endrin Ketone	1.261	1.107	-	12.2	20	85	0
Decachlorobiphenyl	1.06	0.851	-	19.7	20	84	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Pesticides

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : PEST11
 Lab File ID : 11240826a-04
 Sample No : WG1963716-2
 Channel : A

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/26/24 06:13
 Init. Calib. Date(s) : 08/01/24 08/01/24
 Init. Calib. Times : 18:37 23:11

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Chlordane	1	1	-	0	20	94	0
chlordane-1	1000	1355.804	-	-35.6*	20	124	0
chlordane-3	1000	1361.811	-	-36.2*	20	120	0
chlordane-4	1000	1423.28	-	-42.3*	20	128	0
chlordane-5	1000	1595.999	-	-59.6*	20	142	0

Average %D = 43.4%

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Pesticides

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : PEST11
 Lab File ID : 11240826a-05
 Sample No : WG1963716-3
 Channel : A

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/26/24 06:25
 Init. Calib. Date(s) : 08/01/24 08/01/24
 Init. Calib. Times : 18:37 23:11

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Toxaphene	1	1	-	0	20	95	0
toxaphene-2	2000	2960.415	-	-48*	20	137	0
toxaphene-3	2000	2707.13	-	-35.4*	20	125	0
toxaphene-4	2000	2385.938	-	-19.3	20	112	0
toxaphene-5	2000	2708.131	-	-35.4*	20	125	0

Average %D = 34.5%

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Pesticides

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : PEST20
 Lab File ID : 20240826a-05
 Sample No : WG1963797-3
 Channel : A

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/26/24 08:11
 Init. Calib. Date(s) : 07/22/24 07/22/24
 Init. Calib. Times : 18:09 22:55

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Toxaphene	1	1	-	0	20	121	0
toxaphene-1	2000	2451.155	-	-22.6*	20	137	0
toxaphene-2	2000	2485.996	-	-24.3*	20	140	0
toxaphene-4	2000	2246.69	-	-12.3	20	127	0
toxaphene-5	2000	2448.349	-	-22.4*	20	140	0

Average %D = 20.4%

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Pesticides

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : PEST18
 Lab File ID : 18240826a-29
 Sample No : WG1963730-4
 Channel : A

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/26/24 12:09
 Init. Calib. Date(s) : 08/15/24 08/15/24
 Init. Calib. Times : 14:05 18:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	132	0
2,4,5,6-Tetrachloro-m-xylene	1.22	1.042	-	14.6	20	113	0
Hexachlorobenzene	1.431	1.239	-	13.4	20	116	0
alpha-BHC	1.531	1.395	-	8.9	20	114	0
gamma-BHC (lindane)	1.404	1.236	-	12	20	113	0
beta-BHC	0.638	0.555	-	13	20	116	0
delta-BHC	1.404	1.228	-	12.5	20	111	0
Heptachlor	1.315	1.182	-	10.1	20	115	0
Aldrin	1.284	1.193	-	7.1	20	117	0
Alachlor	0.194	0.232	-	-19.6	20	159	0
Chlorpyrifos	50	53.668	-	-7.3	20	117	0
Heptachlor Epoxide	1.161	1.032	-	11.1	20	114	0
gamma-Chlordane (trans)	1.14	1.121	-	1.7	20	129	0
alpha-Chlordane (cis)	1.273	1.102	-	13.4	20	112	0
4,4'-DDE	1.268	1.132	-	10.7	20	112	0
Endosulfan I	1.138	0.991	-	12.9	20	111	0
Dieldrin	1.209	1.14	-	5.7	20	120	0
Endrin	1.209	1.041	-	13.9	20	109	0
4,4'-DDD	0.982	0.894	-	9	20	115	0
Endosulfan II	1.096	0.949	-	13.4	20	111	0
4,4'-DDT	1.107	0.897	-	19	20	102	0
Endrin Aldehyde	0.923	0.7	-	24.2*	20	97	0
Methoxychlor	50	46.099	-	7.8	20	103	0
Mirex	50	45.574	-	8.9	20	110	0
Endosulfan Sulfate	1.087	0.936	-	13.9	20	110	0
Endrin Ketone	1.216	1.015	-	16.5	20	107	0
Decachlorobiphenyl	50	43.854	-	12.3	20	109	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: L2447503**

**8 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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 for the ground water samples, field blank, and equipment 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-7S.

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 WG1963690-2/3.

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-5S/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: L2447503**

**4 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and Equipment Blank
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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 recovery for 3:3FTCA was above QC limits (70-130%) on 09-17-24 (SCI05_240917_06). The percent recoveries for PFDoS and PFMPA were above QC limits (70-130%) on 09-17-24 (SCI05_240917_25). Positive results for these PFAS should be considered estimated, biased high (J+) in associated samples.

Blanks: The analyses of method, field, and equipment blanks reported target PFAS as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the ground samples, field blank, and equipment blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were above the allowable maximum, but 1 of 2 percent recoveries for 3:3FTCA was above QC limits for aqueous MS/MSD sample MW-7S. Sample MW-7S reported 3:3FTC as “not detected”; therefore, no action is taken.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for aqueous samples WG1971858-2 and WG1971858-3.

Field Duplicates: The relative percent differences for PFOS and PFOA were below the allowable maximum (20%) for aqueous field duplicate pair MW-5S/DUP (attached table), as required.

Compound ID: Checked detected surrogate and detected results were within LC quantitation limits.

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Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Client Sample ID : **MW-7S**
 Lab Sample ID : L2447503-07
 Matrix Spike : WG1971858-4
 Matrix Spike Dup : WG1971858-5

Lab Number : L2447503
 Project Number : 20116
 Matrix (Level) : WATER ()
 Analysis Date : 09/17/24 09:04
 MS Analysis Date : 09/17/24 09:17
 MSD Analysis Date : 09/17/24 09:30

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)	10.2	71.8	88.7	109	72.6	91.8	112	3	40-150	30
Perfluoropentanoic Acid (PFPeA)	11.9	35.9	51.2	110	36.3	53.1	113	4	40-150	30
Perfluorobutanesulfonic Acid (PFBS)	3.53	15.9	20.6	107	16.1	21.4	111	4	40-150	30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	67.3	63.8	95	68.1	68.1	100	7	40-150	30
Perfluorohexanoic Acid (PFHxA)	11.2	17.9	26.9	88	18.2	26.8	86	0	40-150	30
Perfluoropentanesulfonic Acid (PFPeS)	1.89	16.9	20.4	110	17.1	21.0	112	3	40-150	30
Perfluoroheptanoic Acid (PFHpA)	11.9	17.9	29.0	95	18.2	30.7	104	6	40-150	30
Perfluorohexanesulfonic Acid (PFHxS)	14.4	16.4	31.1	102	16.6	32.7	110	5	40-150	30
Perfluorooctanoic Acid (PFOA)	25.7	17.9	45.0	108	18.2	48.8	127	8	40-150	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	68.2	77.0	113	69	81.1	118	5	40-150	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	17.1	19.8	116	17.3	22.4	129	12	40-150	30
Perfluorononanoic Acid (PFNA)	1.17J	17.9	20.7	109	18.2	21.3	111	3	40-150	30
Perfluorooctanesulfonic Acid (PFOS)	4.92	16.6	21.2	98	16.8	24.0	113	12	40-150	30
Perfluorodecanoic Acid (PFDA)	ND	17.9	18.7	104	18.2	20.2	111	8	40-150	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	ND	68.9	76.8	111	69.7	90.9	130	17	40-150	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Client Sample ID : **MW-7S**
 Lab Sample ID : L2447503-07
 Matrix Spike : WG1971858-4
 Matrix Spike Dup : WG1971858-5

Lab Number : L2447503
 Project Number : 20116
 Matrix (Level) : WATER ()
 Analysis Date : 09/17/24 09:04
 MS Analysis Date : 09/17/24 09:17
 MSD Analysis Date : 09/17/24 09:30

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			
ic Acid (8:2FTS)										
Perfluorononanesulfonic Acid (PFNS)	ND	17.2	16.1	93	17.5	19.1	109	17	40-150	30
N-Methyl Perfluorooctanesulfonamide doacetic Acid (NMeFOSAA)	ND	17.9	20.2	113	18.2	23.6	130	16	40-150	30
Perfluoroundecanoic Acid (PFUnA)	ND	17.9	19.3	108	18.2	21.3	117	10	40-150	30
Perfluorodecanesulfonic Acid (PFDS)	ND	17.3	14.4	83	17.5	16.8	96	15	40-150	30
Perfluorooctanesulfonamide (PFOSA)	ND	17.9	17.9	100	18.2	19.7	108	10	40-150	30
N-Ethyl Perfluorooctanesulfonamide doacetic Acid (NEtFOSAA)	ND	17.9	16.8	94	18.2	19.0	105	12	40-150	30
Perfluorododecanoic Acid (PFDoA)	ND	17.9	12.7	71	18.2	14.7	81	15	40-150	30
Perfluorotridecanoic Acid (PFTrDA)	ND	17.9	13.1	73	18.2	14.4	79	9	40-150	30
Perfluorotetradecanoic Acid (PFTeDA)	ND	17.9	17.6	98	18.2	19.2	106	9	40-150	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	71.8	82.9	116	72.6	86.5	119	4	40-150	30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	67.8	82.4	122	68.6	84.5	123	3	40-150	30
Perfluorodecanesulfonic Acid	ND	17.4	15.5	89	17.6	17.2	98	10	40-150	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Client Sample ID : **MW-7S**
 Lab Sample ID : L2447503-07
 Matrix Spike : WG1971858-4
 Matrix Spike Dup : WG1971858-5

Lab Number : L2447503
 Project Number : 20116
 Matrix (Level) : WATER ()
 Analysis Date : 09/17/24 09:04
 MS Analysis Date : 09/17/24 09:17
 MSD Analysis Date : 09/17/24 09:30

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	67.1	71.5	107	67.9	68.8	101	4	40-150	30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	67.8	57.0	84	68.6	56.1	82	2	40-150	30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	17.9	18.2	101	18.2	20.1	111	10	40-150	30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	17.9	18.1	101	18.2	21.9	121	19	40-150	30
N-Methyl Perfluorooctanesulfonamide Ethanol (NMeFOSE)	ND	179	172	96	182	196	108	13	40-150	30
N-Ethyl Perfluorooctanesulfonamide Ethanol (NEtFOSE)	ND	179	170	95	182	194	107	13	40-150	30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	35.9	45.3	126	36.3	48.5	134	7	40-150	30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	35.9	40.0	111	36.3	42.3	116	6	40-150	30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	31.9	30.5	96	32.3	33.1	102	8	40-150	30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	35.9	38.7	108	36.3	42.8	118	10	40-150	30
3-Perfluoropropyl Propanoic Acid	ND	89.7	129	144	90.8	137	151	Q 6	40-150	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Client Sample ID : **MW-7S**
 Lab Sample ID : L2447503-07
 Matrix Spike : WG1971858-4
 Matrix Spike Dup : WG1971858-5

Lab Number : L2447503
 Project Number : 20116
 Matrix (Level) : WATER ()
 Analysis Date : 09/17/24 09:04
 MS Analysis Date : 09/17/24 09:17
 MSD Analysis Date : 09/17/24 09:30

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	448	447	100	454	481	106	7	40-150	30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)										
3-Perfluoroheptyl Propanoic Acid	ND	448	335	75	454	368	81	9	40-150	30



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : LCMS05
 Lab File ID : SCIO5_240917_06
 Sample No : WG1972379-3
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 09/17/24 06:02
 Init. Calib. Date(s) : 08/13/24 08/13/24
 Init. Calib. Times : 21:50 23:32

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	10.850	10.000	108.5	70-130
Perfluoropentanoic Acid (PFPeA)	5.823	5.000	116.5	70-130
Perfluorobutanesulfonic Acid (PFBS)	2.474	2.217	111.6	70-130
Perfluorohexanoic Acid (PFHxA)	2.765	2.500	110.6	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	7.704	9.375	82.2	70-130
Perfluoropentanesulfonic Acid (PFPeS)	2.425	2.353	103.1	70-130
Perfluoroheptanoic Acid (PFHpA)	2.699	2.500	108	70-130
Perfluorohexanesulfonic Acid (PFHxS)	2.307	2.285	101	70-130
Perfluorooctanoic Acid (PFOA)	2.480	2.500	99.2	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.161	9.500	107	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	2.649	2.382	111.2	70-130
Perfluorononanoic Acid (PFNA)	2.770	2.500	110.8	70-130
Perfluorooctanesulfonic Acid (PFOS)	2.476	2.320	106.7	70-130
Perfluorodecanoic Acid (PFDA)	2.783	2.500	111.3	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	11.366	9.600	118.4	70-130
Perfluorononanesulfonic Acid (PFNS)	2.825	2.405	117.5	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	3.046	2.500	121.8	70-130
Perfluoroundecanoic Acid (PFUnA)	2.741	2.500	109.6	70-130
Perfluorodecanesulfonic Acid (PFDS)	2.546	2.413	105.6	70-130
Perfluorooctanesulfonamide (PFOSA)	2.645	2.500	105.8	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.736	2.500	109.4	70-130
Perfluorododecanoic Acid (PFDoA)	2.016	2.500	80.6	70-130
Perfluorotridecanoic Acid (PFTTrDA)	2.048	2.500	81.9	70-130
Perfluorotetradecanoic Acid (PFTeDA)	2.659	2.500	106.4	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	11.066	10.000	110.7	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	10.006	9.450	105.9	70-130
Perfluorododecanesulfonic Acid (PFDoS)	2.744	2.425	113.2	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	11.041	9.350	118.1	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	10.938	9.450	115.7	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	2.765	2.500	110.6	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	2.624	2.500	105	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	25.504	25.000	102	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	25.863	25.000	103.5	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	6.001	5.000	120	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	5.267	5.000	105.3	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEA)	5.324	4.450	119.7	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	5.987	5.000	119.7	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	16.260	12.500	130.1*	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	71.486	62.500	114.4	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	49.781	62.500	79.7	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	10.141	10.000	101.4	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	5.566	5.000	111.3	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.285	2.330	98.1	70-130

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : LCMS05
 Lab File ID : SCIO5_240917_06
 Sample No : WG1972379-3
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 09/17/24 06:02
 Init. Calib. Date(s) : 08/13/24 08/13/24
 Init. Calib. Times : 21:50 23:32

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	5.599	4.690	119.4	70-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	2.376	2.500	95	70-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	2.468	2.500	98.7	70-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	2.431	2.370	102.6	70-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	2.605	2.500	104.2	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	4.585	4.755	96.4	70-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	1.211	1.250	96.9	70-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	2.365	2.395	98.7	70-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	1.242	1.250	99.4	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	5.183	4.800	108	70-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	2.856	5.000	57.1*	70-130
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	1.330	1.250	106.4	70-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	2.711	2.500	108.4	70-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	5.176	5.000	103.5	70-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	1.739	1.250	139.1*	70-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	1.289	1.250	103.1	70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	10.208	10.000	102.1	70-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	2.808	2.500	112.3	70-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	2.862	2.500	114.5	70-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	30.975	25.000	123.9	70-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	29.515	25.000	118.1	70-130
Perfluoro-[1,2-13C2]octanoic Acid (13C2-PFOA)	1.194	2.500	47.8*	70-130
Perfluoro-n-[1,2-13C2]Hexanoic Acid (13C2-PFHxA)	3.055	2.500	122.2	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanoic Acid (13C4-PFOA)	3.014	2.500	120.6	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanesulfonic Acid (13C4-PFOS)	3.000	2.395	125.3	70-130
Perfluoro-n-[1,2-13C2]Decanoic Acid (13C2-PFDA)	1.606	1.250	128.5	70-130
Perfluoro-n-[2,3,4-13C3]Butanoic Acid (13C3-PFBA)	6.486	5.000	129.7	70-130
Perfluoro-n-[1,2,3,4,5-13C5]Nonanoic Acid (13C5-PFNA)	1.663	1.250	133*	70-130
Perfluoro-1-hexane[18O2]Sulfonic Acid (18O2-PFHxS)	3.008	2.370	126.9	70-130
1H,1H,2H,2H-Perfluoro[1,2-13C2D4]Hexanesulfonic Acid (13C2D4-4:2FTS)	2.351	5.000	47*	70-130

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : LCMS05
 Lab File ID : SCIO5_240917_25
 Sample No : WG1972379-8
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 09/17/24 10:08
 Init. Calib. Date(s) : 08/13/24 08/13/24
 Init. Calib. Times : 21:50 23:32

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	10.724	10.000	107.2	70-130
Perfluoropentanoic Acid (PFPeA)	6.110	5.000	122.2	70-130
Perfluorobutanesulfonic Acid (PFBS)	2.346	2.217	105.8	70-130
Perfluorohexanoic Acid (PFHxA)	2.472	2.500	98.9	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	8.801	9.375	93.9	70-130
Perfluoropentanesulfonic Acid (PFPeS)	2.444	2.353	103.9	70-130
Perfluoroheptanoic Acid (PFHpA)	2.676	2.500	107	70-130
Perfluorohexanesulfonic Acid (PFHxS)	2.405	2.285	105.3	70-130
Perfluorooctanoic Acid (PFOA)	2.416	2.500	96.7	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.130	9.500	106.6	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	2.386	2.382	100.1	70-130
Perfluorononanoic Acid (PFNA)	2.743	2.500	109.7	70-130
Perfluorooctanesulfonic Acid (PFOS)	2.259	2.320	97.4	70-130
Perfluorodecanoic Acid (PFDA)	2.617	2.500	104.7	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	11.515	9.600	119.9	70-130
Perfluorononanesulfonic Acid (PFNS)	2.656	2.405	110.4	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	3.177	2.500	127.1	70-130
Perfluoroundecanoic Acid (PFUnA)	2.791	2.500	111.7	70-130
Perfluorodecanesulfonic Acid (PFDS)	2.585	2.413	107.1	70-130
Perfluorooctanesulfonamide (PFOSA)	2.573	2.500	102.9	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.945	2.500	117.8	70-130
Perfluorododecanoic Acid (PFDoA)	1.999	2.500	80	70-130
Perfluorotridecanoic Acid (PFTTrDA)	2.808	2.500	112.3	70-130
Perfluorotetradecanoic Acid (PFTeDA)	2.528	2.500	101.1	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	11.064	10.000	110.6	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	9.800	9.450	103.7	70-130
Perfluorododecanesulfonic Acid (PFDoS)	4.337	2.425	178.9*	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	11.320	9.350	121.1	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	11.269	9.450	119.2	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	2.613	2.500	104.5	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	2.667	2.500	106.7	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	26.774	25.000	107.1	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	26.947	25.000	107.8	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	6.631	5.000	132.6*	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	5.246	5.000	104.9	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEA)	5.148	4.450	115.7	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	5.697	5.000	113.9	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	16.089	12.500	128.7	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	72.908	62.500	116.7	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	46.791	62.500	74.9	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	10.175	10.000	101.8	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	5.347	5.000	106.9	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.427	2.330	104.2	70-130

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : LCMS05
 Lab File ID : SCIO5_240917_25
 Sample No : WG1972379-8
 Channel :

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 09/17/24 10:08
 Init. Calib. Date(s) : 08/13/24 08/13/24
 Init. Calib. Times : 21:50 23:32

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	4.494	4.690	95.8	70-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	2.383	2.500	95.3	70-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	2.495	2.500	99.8	70-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	2.428	2.370	102.5	70-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	2.614	2.500	104.6	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	4.298	4.755	90.4	70-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	1.210	1.250	96.8	70-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	2.476	2.395	103.4	70-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	1.243	1.250	99.4	70-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	4.750	4.800	99	70-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	2.928	5.000	58.6*	70-130
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	1.323	1.250	105.9	70-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	2.575	2.500	103	70-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	5.029	5.000	100.6	70-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	1.983	1.250	158.6*	70-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	2.335	1.250	186.8*	70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	10.530	10.000	105.3	70-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	2.691	2.500	107.6	70-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	2.734	2.500	109.4	70-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	29.735	25.000	118.9	70-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	28.835	25.000	115.3	70-130
Perfluoro-[1,2-13C2]octanoic Acid (13C2-PFOA)	1.168	2.500	-	70-130
Perfluoro-n-[1,2-13C2]Hexanoic Acid (13C2-PFHxA)	3.134	2.500	125.4	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanoic Acid (13C4-PFOA)	3.076	2.500	123.1	70-130
Perfluoro-n-[1,2,3,4-13C4]Octanesulfonic Acid (13C4-PFOS)	3.177	2.395	132.6*	70-130
Perfluoro-n-[1,2-13C2]Decanoic Acid (13C2-PFDA)	1.757	1.250	140.6*	70-130
Perfluoro-n-[2,3,4-13C3]Butanoic Acid (13C3-PFBA)	6.635	5.000	132.7*	70-130
Perfluoro-n-[1,2,3,4,5-13C5]Nonanoic Acid (13C5-PFNA)	1.717	1.250	137.3*	70-130
Perfluoro-1-hexane[18O2]Sulfonic Acid (18O2-PFHxS)	3.010	2.370	127	70-130
1H,1H,2H,2H-Perfluoro[1,2-13C2D4]Hexanesulfonic Acid (13C2D4-4:2FTS)	1.950	5.000	-	70-130

* Value outside of QC limits.



Herbicide Data Section



**QA/QC Review of 8151 Herbicide
Data for Alpha Analytical Labs
SDG Number: L2447503**

Geology

Hydrology

Remediation

Water Supply

**8 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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, field blank, and equipment blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target herbicides were below the allowable maximum and percent recoveries were within QC limits for aqueous MS/MSD sample MW-7S.

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 WG1963640-2/3 and WG1964244-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/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 2,4-D and 2,4,5-T were above the allowable maximum (15%) for channel A on 08-27-24 (17240827a-01). The %D for 2,4,5-T was above the allowable maximum (15%) for channel B on 08-27-24 (17240827a-01). Positive results for 2,4-D and 2,4,5-TP should be considered estimated (J) in associated samples.

Herbicide Identification Summary: Checked surrogates were within GC quantitation limits. The analyses of ground water samples reported target herbicides as not detected.

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Calibration Verification Summary

Form 7

Pesticides

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : PEST17
 Lab File ID : 17240827a-01
 Sample No : WG1964271-1
 Channel : A

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/27/24 06:09
 Init. Calib. Date(s) : 07/12/24 07/12/24
 Init. Calib. Times : 14:41 16:13

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	112	0
Dalapon	0.147	0.209	-	-42.2*	15	163	0
DCAA (surrogate)	0.164	0.183	-	-11.6	15	124	0
Dicamba	0.547	0.548	-	-0.2	15	114	0
MCPD	0.00077	0.00067	-	13	15	93	0
MCPA	18.6	15.481	-	16.8*	15	92	0
Dichloroprop	0.153	0.178	-	-16.3*	15	135	0
2,4-D	0.176	0.203	-	-15.3*	15	134	0
2,4,5-TP (Silvex)	0.661	0.738	-	-11.6	15	128	0
2,4,5-T	0.607	0.72	-	-18.6*	15	137	0
2,4-DB	0.1	0.107	-	-7	15	123	0
Dinoseb	0.28	0.508	-	-81.4*	15	205	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Pesticides

Client : Alpha Geoscience
 Project Name : HUNTINGTON READY MIX
 Instrument ID : PEST17
 Lab File ID : 17240827a-01
 Sample No : WG1964271-1
 Channel : B

Lab Number : L2447503
 Project Number : 20116
 Calibration Date : 08/27/24 06:09
 Init. Calib. Date(s) : 07/12/24 07/12/24
 Init. Calib. Times : 14:41 16:13

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	101	0
Dalapon	0.205	0.218	-	-6.3	15	111	0
DCAA (surrogate)	0.204	0.202	-	1	15	99	0
Dicamba	0.597	0.574	-	3.9	15	98	0
MCPD	0.00074	0.00071	-	4.1	15	95	0
MCPA	18.6	18.399	-	1.1	15	94	0
Dichloroprop	0.189	0.189	-	0	15	101	0
2,4-D	0.23	0.226	-	1.7	15	99	0
2,4,5-TP (Silvex)	0.826	0.759	-	8.1	15	92	0
2,4,5-T	0.791	0.655	-	17.2*	15	84	0
2,4-DB	0.13	0.119	-	8.5	15	93	0
Dinoseb	0.479	0.44	-	8.1	15	94	0

* Value outside of QC limits.



Metals Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of TAL Metals Data
for Alpha Analytical Labs
SDG Number: L2447503**

**8 Ground Water Samples, 1 Field Duplicate,
1 Equipment Blank, and 1 Field Blank
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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, field, and equipment blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for applicable metals were within control limits (75-125%) for aqueous total and dissolved spike sample MW-7S.

Laboratory Duplicates: The relative percent differences for applicable metals were below the allowable maximum (20%) for aqueous total and dissolved duplicate sample MW-7S, as required.

Field Duplicates: The relative percent differences (RPDs) for applicable metals were below the allowable maximum (20%) for aqueous dissolved field duplicate pair MW-5S/DUP (attached table), as required.

The RPD for barium was above the allowable maximum (20%) for aqueous total field duplicate pair MW-5S/DUP (attached table). Positive total results for barium should be considered estimated (J) in samples MW-5S and DUP.

Laboratory Control Sample: The percent recoveries for target metals were within control limits (80-120%) for aqueous total samples WG1962897-2 and WG1962900-2, and aqueous dissolved samples WG1963944-2 and WG1963948-2.

Serial Dilution: The %Ds for applicable metals were below the allowable maximum (10%) for aqueous total dissolved and total serial dilution sample MW-7S, as required.

Total vs Dissolved: The dissolved result for potassium was greater than the total results plus 10% for sample DUP. The dissolved results for manganese were greater than the total results plus 10% for samples MW-1S, MW-5S, and DUP. The dissolved results for copper were greater than the total results plus 10% for samples MW-3S and MW-8S. The dissolved results for chromium and cobalt were greater than the total results plus 10% for sample MW-7S. Positive results for total and dissolved metals should be considered estimated (J) in the samples.

Sample MW-7S reported dissolved iron above the RL and total iron as “not detected”. The positive and “not detected” results for iron should be considered estimated (J, UJ).

General Chemistry

Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Alkalinity Data for
Alpha Analytical Labs, SDG Number: L2447503**

**8 Ground Water Samples and 1 Field Duplicate
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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-8S, as required.

Field Duplicates: The relative percent difference for bicarbonate alkalinity was above the allowable maximum (20%) for aqueous field duplicate pair MW-5S/DUP (attached table). Positive results for bicarbonate alkalinity should be considered estimated (J) in samples MW-5S and DUP.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Iodide Data for
Alpha Analytical Labs, SDG Number: L2447503**

**8 Ground Water Samples and 1 Field Duplicate
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for iodide were within control limits (90-110%).

Blanks: The analyses of the initial, continuing, and method blanks 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-1S.

Laboratory Duplicates: The relative percent difference for iodide was below the allowable maximum (20%) for aqueous MS/MSD sample MW-1S, as required.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/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 were within laboratory QC limits (80-120%) for aqueous sample 3691621LCS.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Ammonia Data for
Alpha Analytical Labs, SDG Number: L2447503**

**8 Ground Water Samples and 1 Field Duplicate
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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 spike samples MW-5S and MW-8S.

Laboratory Duplicates: The relative percent differences for ammonia were above the allowable maximum (20%) for aqueous duplicate samples MW-5S and MW-8S. Positive results for ammonia should be considered estimated (J) in associated aqueous samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/DUP reported ammonia as below the lowest standard; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Laboratory Control Sample: The percent recoveries for ammonia were within laboratory QC limits (90-110%) for aqueous samples WG1963694-2 and WG1964148-3.

Form 6 Lab Duplicates

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Client Sample ID	: MW-5S	Matrix	: WATER
Lab Sample ID	: L2447503-05	Analysis Date	: 08/26/24 11:31
Dup Sample ID	: WG1963694-4	DUP Analysis Date	: 08/26/24 11:33

Parameter	Sample Concentration (mg/l)	Duplicate Concentration (mg/l)	RPD	RPD Limit
Nitrogen, Ammonia	0.030J	0.220	152	20



Form 6 Lab Duplicates

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Client Sample ID	: MW-8S	Matrix	: WATER
Lab Sample ID	: L2447503-08	Analysis Date	: 08/27/24 11:18
Dup Sample ID	: WG1964148-4	DUP Analysis Date	: 08/27/24 11:19

Parameter	Sample Concentration (mg/l)	Duplicate Concentration (mg/l)	RPD	RPD Limit
Nitrogen, Ammonia	0.169	0.301	56 Q	20





Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Nitrate/Nitrite Data for
Alpha Analytical Labs, SDG Number: L2447503**

**8 Ground Water Samples and 1 Field Duplicate
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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 L2447249-01.

Laboratory Duplicates: The analysis of aqueous batch duplicate sample WG1963316-3.

Field Duplicates: The relative percent difference for nitrate/nitrite was below the allowable maximum (20%) for aqueous field duplicate pair MW-5S/DUP (attached table), as required.

Laboratory Control Sample: The percent recovery for nitrate/nitrite was within laboratory QC limits (90-110%) for aqueous sample WG1963316-2.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Phosphate Data for
Alpha Analytical Labs, SDG Number: L2447503**

**8 Ground Water Samples and 1 Field Duplicate
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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 spike sample MW-6D.

Laboratory Duplicates: The relative percent difference for phosphate was below the allowable maximum (20%) for aqueous duplicate sample MW-6D, as required.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/DUP reported phosphate as below the lowest standard; 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 WG1963968-2.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Sulfide Data for
Alpha Analytical Labs, SDG Number: L2447503**

**8 Ground Water Samples and 1 Field Duplicate
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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-5S/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 percent recovery for sulfide was within laboratory QC limits (79.7-122%) for aqueous sample B384282-BS1.

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Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Total Kjeldahl Nitrogen Data (TKN) for
Alpha Analytical Labs, SDG Number: L2447503**

**8 Ground Water Samples and 1 Field Duplicate
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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 spike sample DUP.

Laboratory Duplicates: The relative percent difference for TKN was above the allowable maximum (20%) for aqueous duplicate sample DUP. Positive results for TKN should be considered estimated (J) in associated aqueous samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/DUP reported TKN as either not detected or below the lowest standard; 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 TKN was within laboratory QC limits (78-122%) for aqueous sample WG1963015-2.

Form 6 Lab Duplicates

Client	: Alpha Geoscience	Lab Number	: L2447503
Project Name	: HUNTINGTON READY MIX	Project Number	: 20116
Client Sample ID	: DUP	Matrix	: WATER
Lab Sample ID	: L2447503-09	Analysis Date	: 08/26/24 09:48
Dup Sample ID	: WG1963015-3	DUP Analysis Date	: 08/26/24 09:50

Parameter	Sample Concentration (mg/l)	Duplicate Concentration (mg/l)	RPD	RPD Limit
Nitrogen, Total Kjeldahl	0.109J	0.443	121	24



TDS Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Total Dissolved Solids Data (TDS) for
Alpha Analytical Labs, SDG Number: L2447503**

**8 Ground Water Samples and 1 Field Duplicate
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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 differences for TDS were below the allowable maximum (20%) for aqueous batch duplicate samples WG1963687-3 and WG1963687-4.

Field Duplicates: The relative percent difference for TDS was above the allowable maximum (20%) for aqueous field duplicate pair MW-5S/DUP (attached table). Positive results for TDS should be considered estimated (J) in samples MW-5S and DUP.

Laboratory Control Sample: The percent recovery for TDS was within QC limits (80-120%) for aqueous sample WG1963687-2.

Radiochemistry Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Uranium Data
for Alpha Analytical Labs
SDG Number: L2447503**

**4 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for uranium were within control limits (90-110%).

Blanks: The analyses of initial and continuing calibration, method, field, and equipment blanks reported uranium not detected.

ICP Interference Check Sample: The percent recovery for uranium was within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for uranium were within QC limits (70-130%) for aqueous batch MS/MSD sample L1771851.

Laboratory Duplicates: The relative percent differences for uranium were below the allowable maximum (20%) for aqueous batch MS/MSD samples L1771851-03, as required.

Field Duplicates: The analyses of aqueous field duplicate pair MW-5S/DUP reported uranium 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 uranium was within QC limits (85-115%) for aqueous samples R4119250-2.

Serial Dilution: The analysis of aqueous batch serial dilution sample was acceptable.



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Ion Chromatography Data* for
Alpha Analytical Labs, SDG Number: L2447503**

**8 Ground Water Samples and 1 Field Duplicate
Collected August 19-20, 2024**

Prepared by: Donald Anné
October 17, 2024

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-5S.

Laboratory Duplicates: The relative percent differences for applicable analytes were below the allowable maximum (20%) for aqueous duplicate samples MW-5S, as required.

Field Duplicates: The relative percent differences for applicable target analytes were below the allowable maximum (20%) for aqueous field duplicate pair MW-5S/DUP (attached table), as required.

Laboratory Control Sample: The percent recoveries for target analytes were within laboratory QC limits (90-110%) for aqueous sample WG1963098-2.

* ion chromatography includes bromide, chloride, fluoride, and sulfate.

Field Duplicate Calculation Section

Semi-Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2447503

S1= MW-5S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
Phenol	2.6	0.9	NC

* RPD is above the allowable maximum 20%

Results are in units of ug/L.

Bold numbers were values that are 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.

EPA Method 1633 PFC

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2447503

S1= MW-5S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
Perfluorobutanoic Acid (PFBA)	1.21	1.22	NC
Perfluoropentanoic Acid (PFPeA)	1.55	1.59	NC
Perfluorobutanesulfonic Acid (PFBS)	ND	0.518	NC
Perfluorohexanoic Acid (PFHxA)	1.64	1.46	NC
Perfluoroheptanoic Acid (PFHpA)	1.16	1.23	NC
Perfluorohexanesulfonic Acid (PFHxS)	1.31	1.46	NC
Perfluorooctanoic Acid (PFOA)	2.12	2.08	2%
Perfluorooctanesulfonic Acid (PFOS)	2.19	2.25	3%

* RPD is above the allowable maximum (20%)

All results are in ng/L.

Bold numbers were values that are 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. L2447503

S1= MW-5S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
Radium-226	0.449	ND	NC	
Radium-228	0.294	1.02	111%	*
Thorium-228	0.058	0.099	52%	*
Thorium-230	ND	ND	NC	
Thorium-232	ND	ND	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. L2447503

S1= MW-5S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
Total Nitrogen	1.2	1.2	0%	
Nitrogen, Total Kjeldahl	ND	0.109	NC	
Nitrogen, Ammonia	0.03	0.038	NC	
Nitrogen, Nitrate/Nitrite	1.2	1.2	0%	
Solids, Total Dissolved	38	18	71%	*
Sulfide	ND	ND	NC	
Alkalinity, Carbonate	ND	ND	NC	
Alkalinity, Bicarbonate	10.5	14.1	29%	*
Phosphate, Total	0.012	0.012	NC	
Bromide	ND	ND	NC	
Chloride	8.12	8.28	2%	
Fluoride	ND	ND	NC	
Sulfate	7.95	8.14	2%	
Iodide	ND	ND	NC	
Uranium	ND	ND	NC	

* 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. L2447503

S1= MW-5S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
aluminum	0.00954	0.00455	NC	
antimony	ND	ND	NC	
arsenic	ND	ND	NC	
barium	0.00833	0.00442	61%	*
beryllium	ND	ND	NC	
cadmium	ND	ND	NC	
calcium	6.72	6.38	5%	
chromium	0.00018	0.0002	NC	
cobalt	ND	ND	NC	
copper	ND	ND	NC	
iron	ND	ND	NC	
lead	ND	ND	NC	
magnesium	1.13	1.18	4%	
manganese	0.00505	0.0052	3%	
mercury	ND	ND	NC	
nickel	ND	ND	NC	
potassium	1.02	0.947	7%	
selenium	ND	ND	NC	
silver	ND	ND	NC	
sodium	4.92	5.14	4%	
thallium	ND	ND	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. L2447503

S1= MW-5S

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
aluminum (dissolved)	0.00385	0.0049	NC
antimony (dissolved)	ND	ND	NC
arsenic (dissolved)	ND	ND	NC
barium (dissolved)	0.0046	0.00464	1%
beryllium (dissolved)	ND	ND	NC
cadmium (dissolved)	ND	ND	NC
calcium (dissolved)	6.99	6.79	3%
chromium (dissolved)	ND	ND	NC
cobalt (dissolved)	ND	ND	NC
copper (dissolved)	ND	ND	NC
iron (dissolved)	ND	ND	NC
lead (dissolved)	ND	ND	NC
magnesium (dissolved)	1.19	1.18	1%
manganese (dissolved)	0.0059	0.00587	1%
mercury (dissolved)	ND	ND	NC
nickel (dissolved)	ND	ND	NC
potassium (dissolved)	1.08	1.08	0%
selenium (dissolved)	ND	ND	NC
silver (dissolved)	ND	ND	NC
sodium (dissolved)	5.16	5.17	0%
thallium (dissolved)	ND	ND	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.