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Mr. Christopher Allan
NYS Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York, 12233-7017

June 18, 2026

Re: Quarterly Monitoring and Engineering Control System Inspection Report – 2026 1st Quarter
Newtown Creek Bud Site (NCBS) – North Block
2-21 Malt Drive, Long Island City, New York
BCP Site ID: C241248

Dear Mr. Allan:

This Quarterly Monitoring and Engineering Control System Inspection Report has been prepared by AKRF, Inc. (AKRF), on behalf of Bud North LLC (the Volunteer), to summarize routine post-remedial groundwater monitoring and sampling activities, and Sub-Slab Depressurization System (SSDS) and Soil Vapor Extraction System (SVES) inspections, performed at the NCBS – North Block Brownfield Cleanup Program (BCP) Site located at 2-21 Malt Drive in the Hunter's Point South section of Long Island City, New York (the "Site"). The Site, which is also identified as Block 11, Lot 1 on the New York City Tax Map, is an approximately 130,915-square-foot parcel currently under construction with a multi-story mixed use commercial and residential building. A Site location map is provided as Figure 1, and a Site plan is provided as Figure 2.

The Volunteer entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in January 2022 to investigate and remediate the Site. The Site was ultimately remediated to Restricted Residential Use, and the sub-slab depressurization system (SSDS) and soil vapor extraction system (SVES) began operation on September 27, 2023. AKRF's Final Engineering Report (FER) and Site Management Plan (SMP) were approved by NYSDEC, resulting in the issuance of a Certificate of Completion (CoC) on December 29, 2023.

Per the NYSDEC-approved SVES Cycling Work Plan, dated November 2025, the granular activated carbon treatment system was taken offline, and the outlet piping from the SVES manifold was reconnected to the piping leading to the riser on December 19, 2025. Subsequently, cycled system operations began on January 23, 2026, whereby the SVES was shut down for a one-month period, and operation resumed for the next one-month period (in late February 2026). This process of the SVES operating during alternating months has continued in accordance with the SVES Cycling Work Plan.

The active SSDS has and will continue to operate under stabilized conditions on a continuous basis (24 hours per day, 7 days per week) to provide ongoing protection against sub-slab soil vapor intrusion at the Site.

Based on the results of the second year of quarterly groundwater monitoring events conducted in accordance with the SMP, AKRF requests the discontinuation of groundwater monitoring at the Site.

Ongoing Site management activities are being performed in accordance with the SMP and SVE Cycling Work Plan, including:

- Continued cycling of the SVES and monitoring through June 2026, including effluent air sample collection and monitoring point measurements; and
- Annual site-wide cover system and SSDS detailed operations inspections.

Upon completion of the six-month cycling period, a summary of the SVES cycling activities will be provided in the SVES Shutdown Letter Report, as appropriate. Further assessment (and recommendations, if necessary) will also be provided in the next Annual Periodic Review Report (PRR).

BACKGROUND

The Remedial Investigation (RI) determined that the nature and extent of contaminated soil, groundwater, and soil vapor present at the Site consisted of the following contaminants: volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, metals, and per- and poly-fluoroalkyl substances (PFAS) in soil/fill; chlorinated solvent and petroleum-related VOCs and dichlorodifluoromethane (Freon-12) in soil vapor; and petroleum-related VOCs, Freon-12, polycyclic aromatic hydrocarbons (PAHs), PCBs, metals, and PFAS in groundwater. A figure presenting groundwater sample results from the RI is included for comparison to this quarter's sampling results as Figure 3.

The Remedial Action included excavation and off-site disposal of source material in soil and implementation of a groundwater treatment program consisting of mechanical mixing of Regenesis® ORC Advanced® and PersulfOx® in the southwestern portion of the Site. Additionally, engineering controls were constructed at the Site, including installation of an SSDS, SVES, and a site-wide cover system. On November 28, 2022 and December 1, 2022, post-remedial groundwater samples were collected from three post-remedial groundwater monitoring wells installed within the Site boundary (MW-01, MW-02, and MW-03) and submitted for laboratory analysis of VOCs. The post-remedial groundwater samples collected from the Site indicated that petroleum-related VOCs, including benzene, toluene, ethylbenzene, and xylenes (collectively referred to as BTEX) and 1,2,4-trimethylbenzene, were still present in groundwater at the Site above the Technical and Operational Guidance Series (TOGS) 1.1.1. Ambient Water Quality Standards and Guidance Values (AWQSGVs). The post-remedial groundwater sample results for Quarter 1 of 2026 are shown on Figure 4.

QUARTERLY GROUNDWATER MONITORING

This quarterly monitoring report summarizes the findings from the monitoring, sampling, and associated analytical reports and field sampling logs during the first quarter of 2026.

Field Methods

On March 2, 2026, groundwater samples were collected from the three on-site monitoring wells (MW-01, MW-02, and MW-03) in accordance with United States Environmental Protection Agency (EPA) low flow sampling methodology and the Site-specific Quality Assurance and Project Plan (QAPP) and Field Sampling Plan (FSP), which are included as Appendix H of the SMP. Matrix spike/matrix spike duplicate (MS/MSD) samples and a blind duplicate sample were taken and analyzed from wells MW-01 and MW-02, respectively. Groundwater samples were collected using dedicated and decontaminated sampling equipment.

Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were measured at each of the groundwater monitoring wells using an oil/water interface probe attached to a measuring tape accurate to 0.01 foot. A sulfur-like odor (similar to rotten eggs) was observed in the three wells. All purge water from the monitoring wells was containerized in a labeled, New York State Department of Transportation (NYSDOT)-approved 55-gallon drum for off-site disposal at a permitted facility. Groundwater sampling logs are provided in Attachment A.

Groundwater samples were collected and submitted to Pace Analytical Laboratories (Pace) in Westborough, MA, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP)-certified facility. The samples were analyzed for VOCs using EPA Method 8260D and Total Petroleum Hydrocarbons (TPH) as Diesel Range Organics (DRO) and Oil Range Organics (ORO),

with Category B data deliverables, in accordance with the SMP. A trip blank was included with the samples submitted for VOC analysis.

Results

VOCs

One petroleum VOC, benzene, was detected above its AWQSGV of 1 microgram per liter (µg/L) in the groundwater samples collected from monitoring wells MW-01 and MW-02 (plus the blind duplicate sample) at concentrations of 5.2 µg/L and 2.3 µg/L, respectively (and 2.2 µg/L in the blind duplicate collected from MW-02). No other VOCs were detected above the AWQSGVs.

TPH DRO and ORO

TPH DRO and ORO were detected in all three monitoring wells at variable concentrations ranging between 29.2 µg/L (in the field blank sample) to 368 µg/L, and 20.4 µg/L and 30.6 µg/L, respectively. Both DRO and ORO concentrations reduced slightly from the previous quarter and continue to show that there has been a significant reduction in the overall concentrations of TPH DRO and ORO in groundwater at the Site. In addition, both TPH DRO and ORO are both present in MW-03, which is upgradient of the former petroleum spill area, which indicates that there is likely a regional groundwater condition.

A summary of the first quarter 2026 groundwater sample results is provided in Table 1, with concentrations of VOCs and TPH DRO and ORO over time provided in Table 2. Exceedances of the AWQSGVs are presented on Figure 4. The complete data analytical report and Data Usability Summary Report (DUSR) are provided in Attachment B.

THIRD-PARTY DUSR RESULTS

Third-party data validation was performed by Jeri Rossi of Cranford, NJ, and a DUSR was prepared (Attachment B), which confirmed usability of the data with additional qualifiers. Validated electronic data deliverables (EDDs) will be submitted to NYSDEC via the Environmental Quality Information System (EQuIS™).

SSDS INSPECTION

A summary of the SSDS inspection conducted in the first quarter of 2026 (on March 27, 2026 and April 2, 2026), is provided below, and all observations and readings collected during the inspection were recorded on the SSDS Monitoring Inspection Form included in Attachment C. The layout of the SSDS is shown on Figure 5. The following items were inspected and noted to conform to the design standards or did not require additional maintenance during the completion of the quarterly monitoring inspection:

March 27, 2026

- AKRF was notified by the Volunteer early on the morning of March 27, 2026 that both SSDS blowers were not operating due to broken motor belts In response, AKRF elected to keep the SVE system operational (it was scheduled to be cycled off during this period) until the SSDS belts were replaced and the blowers returned to operation to ensure adequate negative pressure was maintained beneath the building slab.

April 2, 2026

- Both SSDS blowers was operating at the time of inspection (April 2, 2026), and air was discharging through the exhaust piping;
- The pressure and air flow rate gauges were clean and within normal ranges;
- The blower effluent photoionization detector readings and temperatures were within acceptable ranges;

- The concrete floor slab overlying the SSDS piping was intact;
- The exterior control panel was clean; and
- The structural integrity of the exhaust stack on the roof of the Site building was confirmed.

The induced vacuum levels collected from the SSDS monitoring points (MP-01 through MP-14) ranged from 0.459 to 0.933 inches of water (in H_2O), as summarized in Table A, below. The applied vacuum for the individual SSDS riser legs of the manifold (SSDS-N1 through SSDS-N16) ranged from 1.2 to 2.0 in H_2O, and the air flow rate ranged from 4 to 78 standard cubic feet per minute (SCFM).

Table A
SSDS Monitoring Point Vacuum Readings –April 2026

Monitoring Point	Vacuum (in H_2O)
MP-01	0.83
MP-02	0.86
MP-03	Inaccessible
MP-04	0.67
MP-05	0.74
MP-06	0.75
MP-07	0.66
MP-08	Inaccessible
MP-09	0.46
MP-10	0.81
MP-11	0.74
MP-12	0.60
MP-13	0.93
MP-14	0.82

SVES INSPECTION

In accordance with the NYSDEC-approved SVES Cycling Work Plan, AKRF conducted cycling of the SVE system. The summary of the SVE cycling is provided below, and all observations and readings collected during the inspection were recorded on the SVES System Inspection Forms included in Attachment C.

- On January 23, 2026, SVES cycled operations began when the system was shut off;
- On February 25, 2026, AKRF conducted an inspection of the SVE system and cycled it on, in accordance with the SVE Cycling Work Plan. Following startup, effluent vapor samples were collected from the system and sent for laboratory analysis;
- On March 27, 2026, the system was due to be cycled off, but was left operational due to the SSDS being non-operational;
- On April 2, 2026, the system was cycled back off in accordance with the SVE Cycling Work Plan; and
- On April 27, 2026, AKRF cycled the SVE system back on and collected effluent vapor samples for laboratory analysis.

When the SVES was cycled on (on April 2, 2026), the induced vacuum levels collected from the SVE monitoring points (SVMP-01 through SVMP-06) ranged from 0.50 to 0.93 inches of water (in H_2O), as

summarized in the inspection form provided in Attachment C. The applied vacuum for the SVE manifold (SVE-01 through SVE-05) ranged from 1.5 to 4.0 in H_2O, and the air flow rate ranged from 10 to 35 SCFM).

Results from the effluent vapor samples and DUSRs are provided in Attachment D. The concentrations of Freon-12 (1,2-dichlorodifluoromethane) of the SVES effluent in February 2026 and April 2026 were 63 and 23.8 microgram per liter ($\mu g/m^3$), respectively, as compared to a concentration of 53.9 $\mu g/m^3$, when effluent samples from SVES were last collected in October 2024. Further discussion of the effluent results as part of SVES cycling will be included in the next quarterly report and SVES Shutdown Letter Report.

CONCLUSIONS

Groundwater Monitoring

The quarterly groundwater monitoring and sampling results indicated that benzene is still present in groundwater above AWQSGVs in the southwestern portion of the Site (MW-01 and MW-02); however, the data continues to show a significant reduction of petroleum VOCs in groundwater following completion of the remedial activities, and no VOCs were detected in MW-03. TPH DRO and ORO were also detected in groundwater at slightly decreased concentrations compared to last quarter, but the detections may be at least partially due to regional groundwater quality.

SSDS Inspection

The flow rate readings collected for the individual SSDS riser legs of the manifolds indicate that several riser legs are operating below the expected rate. However, the applied vacuum for the SSDS riser legs indicates that the system is operating within the expected range, and the induced vacuum measurements observed at the SSDS monitoring points are two orders of magnitude above the minimum threshold of 0.004 in H_2O. Overall, the system is operating properly at the Site.

SVES Inspection

AKRF will continue cycling the SVES on and off and will collect effluent air samples and vacuum readings from the SVES and SSDS monitoring points through June 2026 in accordance with the November 2025 work plan. A summary of the SVES cycling activities will be provided in the forthcoming SVES Shutdown Letter Report, as appropriate.

SCHEDULED ACTIVITIES

In accordance with the SMP and the SVE Cycling Work Plan, the following is required:

- Continued cycling of the SVES and system monitoring through June 2026, including effluent air sample collection and monitoring point measurements; and
- Annual site-wide cover system and SSDS detailed operations inspections.
- Post-remedial groundwater results have consistently shown a significant reduction of petroleum VOCs; therefore, AKRF is requesting discontinuation of the groundwater monitoring program. Notwithstanding, the frequency of groundwater monitoring events will not be changed without NYSDEC approval, in accordance with the SMP.
- Upon completion of the six-month cycling period, a summary of SVES cycling activities will be provided in an SVES Shutdown Letter Report, as appropriate.

If you have any questions regarding the information presented herein, please contact Patrick Diggins at (914) 922-2784 or Marc Godick at (914) 922-2356.

Sincerely,
AKRF, Inc.

Marc S. Godick, LEP
Senior Vice President

J. Patrick Diggins
Vice President

In-Text Table: Table A SSDS Monitoring Point Vacuum Readings – March 2026

Attachments:

Table 1	Post-Remedial Groundwater Concentrations – March 2026
Table 2	Post-Remedial Groundwater Concentrations Over Time
Figure 1	BCP Site Location
Figure 2	BCP Site Plan
Figure 3	Remedial Investigation Groundwater Sample Results
Figure 4	Post-Remedial Groundwater Sample Results – March 2026
Figure 5	SSDS and SVES Layout
Attachment A	Groundwater Sampling Logs
Attachment B	Laboratory Analytical Reports and DUSRs
Attachment C	SSDS and SVES Inspection Logs
Attachment D	SVE Effluent Sample Results and DUSRs

cc (electronic copy only):
Andre Obligado, Jane O'Connell – NYSDEC
Bruce Weill, Nicholas Vasta, Frank Vasta, George Georgioudakis – Bud North LLC
Rebecca Kinal, P.E. – AKRF

TABLES

Table 1
Newtown Creek Bud Site – North Block
2-21 Malt Drive, Long Island City, NY
Post-Remedial Groundwater Concentrations – March 2026
VOCs and TPH

	AKRF Sample ID	MW-01_20260302		MW-02_20260302		MW-0X_20260302		MW-03_20260302		TB_20260302		FB_20260302	
	Lab Sample ID	L2610915-06		L2610915-04		L2610915-05		L2610915-01		L2610915-03		L2610915-02	
	Sample Date	3/2/2026		3/2/2026		3/2/2026		3/2/2026		3/2/2026		3/2/2026	
	Dilution Factor	1		1		1		1		1		1	
	Unit	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds (VOCs)	**AWQSGVs**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	5	2	U	2	U	2	U	2	U	2	UJ	2	UJ
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-Chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene (Mesitylene)	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Diethyl Benzene	NS	2	U	2	U	2	U	2	U	2	U	2	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Hexanone	50	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	U
4-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Ethyltoluene	NS	2	U	2	U	2	U	2	U	2	U	2	U
Acetone	50	5	UJ	5	UJ	5	UJ	5	UJ	2.7	J	5	U
Acrylonitrile	5	5	R	5	R	5	R	5	R	5	R	5	R
Benzene	**1**	**5.2**		**2.3**		**2.2**		0.5	U	0.5	U	0.5	U
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	50	2	U	2	U	2	U	2	U	2	U	2	U
Bromomethane	5	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	UJ
Carbon Disulfide	60	1.4	J	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	5	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	U	2.5	U
Cis-1,2-Dichloroethylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Cis-1,3-Dichloropropene	NS	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cymene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	5	5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	UJ	5	UJ
Dichloroethylenes	NS	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Diethyl Ether (Ethyl Ether)	NS	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	0.78	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene (Cumene)	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
M,P-Xylenes	5	0.73	J	0.8	J	0.78	J	2.5	U	2.5	U	2.5	U
Methyl Ethyl Ketone (2-Butanone)	50	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	U
Methylene Chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
N-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
N-Propylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
O-Xylene (1,2-Dimethylbenzene)	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Sec-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
T-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tert-Butyl Methyl Ether	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethylene (PCE)	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	5	0.76	J	1.4	J	1.3	J	2.5	U	2.5	U	2.5	U
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trans-1,3-Dichloropropene	NS	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,4-Dichloro-2-Butene	5	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	U	2.5	U
Trichloroethylene (TCE)	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl Acetate	NS	5	U	5	U	5	U	5	U	5	UJ	5	UJ
Vinyl Chloride	2	1	U	1	U	1	U	1	U	1	U	1	U
Xylenes, Total	NS	0.73	J	0.8	J	0.78	J	2.5	U	2.5	U	2.5	U
Total Petroleum Hydrocarbons (TPH)	**AWQSGVs**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
TPH - Diesel Range Organics (C10 - C28)	NS	192	J	368	J	251	J	83	J	NR		29.2	
TPH - Oil Range Organics	NS	26	J	30.6	J	22.6	J	20.4	J	NR		10.7	U

Table 2
Newtown Creek Bud Site – North Block
2-21 Malt Drive, Long Island City, NY
Post-Remedial Groundwater Concentrations Over Time
VOCs and TPH

	AKRF Sample ID	MW-01_20221128	DUP-01_20221128	MW-01_20240304	MW-1_20240612	MW-X_20240612	MW-01_20240816	MW-01_20241018	MW-01_20250122	MW-01_20250407	MW-01_20250627	MW-01_20250627	MW-01_20251112	MW-01_20260302
	Laboratory Sample ID	22K1477-01	22K1477-02	L2411621-01	L2433259-05	L2433259-02	L2446856-01	L2460992-03	460-319158-2	L2521120-01	L2540768-03	L2540768-03	L2572138-01	L2610915-06
	Date Sampled	11/28/2022	11/28/2022	3/04/2024	6/12/2024	6/12/2024	8/16/2024	10/18/2024	1/22/2025	4/07/2025	6/27/2025	6/27/2025	11/12/2025	3/2/2026
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	1	1
	Dilution Factor	25	25	1	1	1	1	1	1	1	1	1	µg/L	µg/L
Volatile Organic Compounds (VOCs)	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1,2-Tetrachloroethane	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	5 U	5 U	NR	NR	NR	NR	NR	1 UJ	NR	NR	NR	NR	NR
1,1,2-Trichloroethane	1	5 U	5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U
1,1-Dichloropropene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	NR	NR	2 U	2 U	2 U	2 U	2 U	NR	2 U	2 U	2 U	1.4 J	2 U
1,2,4-Trichlorobenzene	5	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	**5**	5 U	**7 JD**	0.7 J	2.5 U	0.79 J	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	NR	NR	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	NR	NR	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	NR	NR	NR	NR	NR	NR	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Diethyl Benzene	NS	NR	NR	2 U	2 U	2 U	2 U	2 U	NR	2 U	2 U	2 U	2 U	2 U
2,2-Dichloropropane	5	5 UJ	5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 UJ
4-Chlorotoluene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Ethyltoluene	NS	NR	NR	2 U	2 U	2 U	2 U	2 U	NR	2 U	2 U	2 U	2 U	2 U
Acetone	50	25 UJ	25 UJ	1.7 J	5 U	5 U	5.7 J	**53**	5 U	5 U	5 U	5 U	5 U	5 UJ
Acrolein	5	5 UJ	5 UJ	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acrylonitrile	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NR	5 U	5 UJ	5 UJ	5 R	5 R
Benzene	**1**	**31.8 D**	**34.2 D**	**4.6**	**3.2**	**3.2**	1	**4.3 J**	**9**	**3.8**	**5.4**	**5.4**	**4.5**	**5.2**
Bromobenzene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	5 U	5 U	2 UJ	2 UJ	2 UJ	2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	5 UJ	5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U	2.5 U	1 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Carbon Disulfide	60	7.5 JD	8 JD	2.2 J	5 U	1.4 J	2.4 J	2.9 J	2.4 J	2.2 UJ	2.2 UJ	2.2 UJ	2.3 J	1.4 J
Carbon Tetrachloride	5	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 U
Chloroform	7	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ
Cis-1,2-Dichloroethylene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	NS	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	NS	5 U	5 U	NR	NR	NR	NR	NR	1 UJ	NR	NR	NR	NR	NR
Cymene	5	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dibromochloromethane	50	5 U	5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NR	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U
Dichloroethylenes	NS	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Diethyl Ether (Ethyl Ether)	NS	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U
Ethylbenzene	**5**	**7.25 JD**	**8.25 JD**	1.2 J	0.85 J	0.79 J	2.5 U	1.1 J	1.9	2.5 U	2.5 U	2.5 U	2.5 U	0.78 J
Isopropylbenzene (Cumene)	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
M,P-Xylenes	**5**	**14 JD**	**15 JD**	1.2 J	0.7 J	2.5 U	2.5 U	1.1 J	1.7	2.5 U	0.91 J	0.91 J	2.5 U	0.73 J
Methyl Acetate	NS	5 U	5 U	NR	NR	NR	NR	NR	5 U	NR	NR	NR	NR	NR
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	36 L	5 U	5 UJ	5 UJ	5 U	5 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ
Methylcyclohexane	NS	5 U	5 U	NR	NR	NR	NR	NR	1 U	NR	NR	NR	NR	NR
Methylene Chloride	5	25 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Butylbenzene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Propylbenzene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	**5**	**10.8 JD**	**11.8 JD**	1.1 J	2.5 U	2.5 U	2.5 U	0.97 J	1.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Sec-Butylbenzene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	0.81 J	0.81 J	2.5 U	2.5 U
T-Butylbenzene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Alcohol	NS	12.5 U	12.5 U	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tert-Butyl Methyl Ether	10	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	**5**	**13 D**	**14.2 D**	1 J	2.5 U	0.8 J	2.5 U	0.93 J	1.9	2.5 U	2.5 U	2.5 U	2.5 U	0.76 J
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	NR	NR	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	NR	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,2-Dichloroethene	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	NS	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	1 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U
Trans-1,4-Dichloro-2-Butene	5	NR	NR	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ
Trichloroethylene (TCE)	5	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U
Vinyl Acetate	NS	NR	NR	5 U	5 U	5 U	5 U	5 UJ	NR	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	NS	24.8 JD	26.8 JD	2.3 J	0.7 J	2.5 U	2.5 U	2.1 J	NR	2.5 U	0.91 J	0.91 J	2.5 U	0.73 J
Total Petroleum Hydrocarbons (TPH)	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
TPH - Diesel Range Organics (C10 - C28)	NS	NT	NT	401	213	304	115	303	NR	266	369 H	369 H	230 H	192 J
TPH - Oil Range Organics	NS	NT	NT	41.9	10.1 J	10.8	5.01	28.8	NR	38.6	10.7 U	10.7 U	23.8 H	26. J

Table 2
Newtown Creek Bud Site – North Block
2-21 Malt Drive, Long Island City, NY
Post-Remedial Groundwater Concentrations Over Time
VOCs and TPH

AKRF Sample ID		MW-02_20221201	MW-02_20240304	MW-0X_20240304	MW-2_20240612	MW-02_20240816	MW-0X_20240816	MW-02_20241018	MW-0X_20241018	MW-02_20250122	MW-0X_20250122	MW-02_20250407	MW-0X_20250407	MW-02_20250627	MW-0X_20250627	MW-02_20250627	MW-0X_20250627	MW-02_20251112	MW-0X_20251112	MW-02_20260302	MW-0X_20260302
Laboratory Sample ID		22L0110-02	L2411621-02	L2411621-04	L2433259-01	L2446856-02	L2446856-04	L2460992-02	L2460992-05	460-319158-1	460-319158-3	L2521120-02	L2521120-04	L2540768-02	L2540768-04	L2540768-02	L2540768-04	L2572138-02	L2572138-04	L2610915-04	L2610915-05
Date Sampled		12/01/2022	3/04/2024	3/04/2024	6/12/2024	8/16/2024	8/16/2024	10/18/2024	10/18/2024	1/22/2025	1/22/2025	4/07/2025	4/07/2025	6/27/2025	6/27/2025	6/27/2025	6/27/2025	11/12/2025	11/12/2025	3/2/2026	3/2/2026
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Volatile Organic Compounds (VOCs)	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1,2-Tetrachloroethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	0.2 U	NR	NR	NR	NR	NR	NR	NR	1 U	1 U	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
1,1,2-Trichloroethane	1	0.2 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1 U	1 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	NR	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NR	NR	2 U	2 U	2 U	2 U	2 U	2 U	1.5 J	1.5 J	2 U	2 U
1,2,4-Trichlorobenzene	5	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	**5**	0.37 J	1.3 J	1.2 J	0.84 J	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	NR	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	NR	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	NR	NR	NR	NR	NR	NR	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Diethyl Benzene	NS	NR	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NR	NR	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,2-Dichloropropane	5	0.2 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	0.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 U	5 U	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
4-Chlorotoluene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Ethyltoluene	NS	NR	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NR	NR	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	50	1 UJ	5 U	5 U	5 U	5 U	5 U	1.7 J	2.6 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.9 J	5 U	5 UJ	5 UJ
Acrolein	5	0.2 UJ	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acrylonitrile	5	0.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NR	NR	5 U	5 U	5 UJ	5 UJ	5 UJ	5 UJ	5 R	5 R	5 R	5 R
Benzene	**1**	0.93	**4.3**	**3.2**	**2**	**2**	**2**	**2.3 J**	**1.6 J**	**3.3**	**1.8**	**2.4**	**2.5**	**2.4**	**2.5**	**3.3**	**2.9**	**2.9**	**2.3**	**2.2**	
Bromobenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.2 U	2 UJ	2 UJ	2 UJ	2 U	2 U	2 U	2 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	0.2 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U	2.5 U	1 U	1 U	2.5 UJ	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U	2.5 U
Carbon Disulfide	60	0.29 J	1.5 J	1.2 J	5 U	5 U	5 U	5 U	5 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 U	2.5 U
Chloroform	7	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UJ
Cis-1,2-Dichloroethylene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	NS	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	NS	0.2 U	NR	NR	NR	NR	NR	NR	NR	1 U	1 U	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Cymene	5	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dibromochloromethane	50	0.2 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	0.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NR	NR	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	1.16	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichloroethylenes	NS	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Diethyl Ether (Ethyl Ether)	NS	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	**5**	0.37 J	1.2 J	1.1 J	0.8 J	2.5 U	2.5 U	2.5 U	2.5 U	0.73 J	0.77 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene (Cumene)	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.35 J	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
M,P-Xylenes	**5**	0.55 J	1.1 J	1 J	0.76 J	2.5 U	2.5 U	2.5 U	2.5 U	0.7 J	0.72 J	2.5 U	2.5 U	1.1 J	1.1 J	1.1 J	1.1 J	2.5 U	2.5 U	0.8 J	0.78 J
Methyl Acetate	NS	0.2 U	NR	NR	NR	NR	NR	NR	NR	5 U	5 U	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methyl Ethyl Ketone (2-Butanone)	50	0.29 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 UJ	5 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	0.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 UJ	5 UJ
Methylcyclohexane	NS	0.2 U	NR	NR	NR	NR	NR	NR	NR	1 U	1 U	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Methylene Chloride	5	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Butylbenzene	5	0.2 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Propylbenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	**5**	0.49 J	1.3 J	1.2 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.59 J	0.61 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Sec-Butylbenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	0.79 J	0.79 J	0.79 J	0.79 J	2.5 U	2.5 U	2.5 U	2.5 U
T-Butylbenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Alcohol	NS	0.5 U	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tert-Butyl Methyl Ether	10	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	**5**	0.84	0.89 J	0.82 J	0.85 J	2.5 U	2.5 U	0.77 J	2.5 UJ	0.95 J	0.9 J	0.72 J	0.79 J	1.3 J	1.1 J	1.3 J	1.1 J	1.4 J	1.4 J	1.4 J	1.3 J
Total_1,3-Dichloropropene (Cis And Trans)	0.4	NR	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	NR	NR	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,2-Dichloroethene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	NS	0.2 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,4-Dichloro-2-Butene	5	NR	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UJ
Trichloroethylene (TCE)	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	0.41 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl Acetate	NS	NR	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	NR	NR	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	**2**	0.2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	NS	1.04 J	2.4 J	2.2 J	0.76 J	2.5 U	2.5 U	2.5 U	2.5 U	NR	NR	2.5 U	2.5 U	1.1 J	1.1 J	1.1 J	1.1 J	2.5 U	2.5 U	0.8 J	0.78 J
Total Petroleum Hydrocarbons (TPH)	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
TPH - Diesel Range Organics (C10 - C28)	NS	NT	429	469	288	303	237	427	294	NR	NR	319	305	396 H	392 H	396 H	392 H	337	345	368 J	251 J
TPH - Oil Range Organics	NS	NT	26.6	23.7	18.5	27.7	7.41 J	72.4	42.9	NR	NR	11 U	10.9 U	10.7 U	10.8 U	10.7 U	10.8 U	30.6 H	45.3 H	30.6 J	22.6 J

Table 2
Newtown Creek Bud Site – North Block
2-21 Malt Drive, Long Island City, NY
Post-Remedial Groundwater Concentrations Over Time
VOCs and TPH

	AKRF Sample ID	MW-03_20221201	MW-03_20240304	MW-3_20240612	MW-03_20240816	MW-03_20241018	MW-03_20250127	MW-03_20250407	MW-03_20250627	MW-03_20250627	MW-03_20251112	MW-03_20260302
	Laboratory Sample ID	22L0110-01	L2411621-03	L2433259-06	L2446856-03	L2460992-01	460-319369-1	L2521120-03	L2540768-01	L2540768-01	L2572138-03	L2610915-01
	Date Sampled	12/01/2022	3/04/2024	6/12/2024	8/16/2024	10/18/2024	1/27/2025	4/07/2025	6/27/2025	6/27/2025	11/12/2025	3/2/2026
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1	1	1	1	1	1	1
Volatile Organic Compounds (VOCs)	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1,2-Tetrachloroethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	0.2 U	NR	NR	NR	NR	1 U	NR	NR	NR	NR	NR
1,1,2-Trichloroethane	1	0.2 U	1.5 U	1.5 U	1.5 U	1.5 U	1 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U
1,1-Dichloropropene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 UJ	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	NR	2 U	2 U	2 U	2 U	NR	2 U	2 U	2 U	2 UJ	2 U
1,2,4-Trichlorobenzene	5	NR	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	**5**	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	NR	2.5 UJ	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	NR	2 U	2 U	2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	NR	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	NR	NR	NR	NR	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	NR	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Diethyl Benzene	NS	NR	2 U	2 U	2 U	2 U	NR	2 U	2 U	2 U	2 U	2 U
2,2-Dichloropropane	5	0.2 UJ	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	0.2 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
4-Chlorotoluene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Ethyltoluene	NS	NR	2 U	2 U	2 U	2 U	NR	2 U	2 U	2 U	2 U	2 U
Acetone	50	1 UJ	5 U	10	5 U	1.8 J	**340**	5 U	5 U	5 U	5 U	5 UJ
Acrolein	5	0.2 UJ	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acrylonitrile	5	0.2 U	5 U	5 U	5 U	5 U	NR	5 U	5 UJ	5 UJ	5 R	5 R
Benzene	**1**	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.2 U	2 UJ	2 UJ	2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	0.2 UJ	2.5 UJ	2.5 UJ	2.5 U	2.5 U	1 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U
Carbon Disulfide	60	0.2 U	5 U	5 U	5 U	5 U	1 U	5 U	5 UJ	5 UJ	5 U	5 U
Carbon Tetrachloride	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 U
Chloroform	7	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UJ
Cis-1,2-Dichloroethylene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	NS	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	NS	0.2 U	NR	NR	NR	NR	1 U	NR	NR	NR	NR	NR
Cymene	5	NR	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dibromochloromethane	50	0.2 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	0.2 U	5 U	5 U	5 U	5 U	NR	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	0.2 U	5 U	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U
Dichloroethylenes	NS	NR	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Diethyl Ether (Ethyl Ether)	NS	NR	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U
Ethylbenzene	**5**	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene (Cumene)	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
M,P-Xylenes	**5**	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Acetate	NS	0.2 U	NR	NR	NR	NR	5 U	NR	NR	NR	NR	NR
Methyl Ethyl Ketone (2-Butanone)	50	0.2 U	5 U	5 U	5 U	5 U	35	5 U	5 UJ	5 UJ	5 U	5 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	0.2 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	5 U	5 UJ
Methylcyclohexane	NS	0.2 U	NR	NR	NR	NR	1 U	NR	NR	NR	NR	NR
Methylene Chloride	5	1 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Butylbenzene	5	0.2 UJ	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Propylbenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	**5**	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Sec-Butylbenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
T-Butylbenzene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Alcohol	NS	0.98 U	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tert-Butyl Methyl Ether	10	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	**5**	0.2 U	2.5 U	2.5 U	2.5 U	2.5 UJ	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Total_1,3-Dichloropropene (Cis And Trans)	0.4	NR	0.5 U	0.5 U	0.5 UJ	0.5 U	NR	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,2-Dichloroethene	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	NS	0.2 U	0.5 U	0.5 U	0.5 UJ	0.5 U	1 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U
Trans-1,4-Dichloro-2-Butene	5	NR	2.5 UJ	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UJ
Trichloroethylene (TCE)	5	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	0.2 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U
Vinyl Acetate	NS	NR	5 U	5 U	5 U	5 UJ	NR	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	0.2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	NS	0.6 U	2.5 U	2.5 U	2.5 U	2.5 U	NR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Total Petroleum Hydrocarbons (TPH)	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
TPH - Diesel Range Organics (C10 - C28)	NS	75.8	116	288	70.7	115	520	110	29.1 U	29.1 U	104 H	83 J
TPH - Oil Range Organics	NS	2.8 U	23.5	18.5	2.66 U	22.6	100 U	11 U	10.7 U	10.7 U	35.7 H	20.4 J

Table 2
Newtown Creek Bud Site – North Block
2-21 Malt Drive, Long Island City, NY
Post-Remedial Groundwater Concentrations Over Time
VOCs and TPH

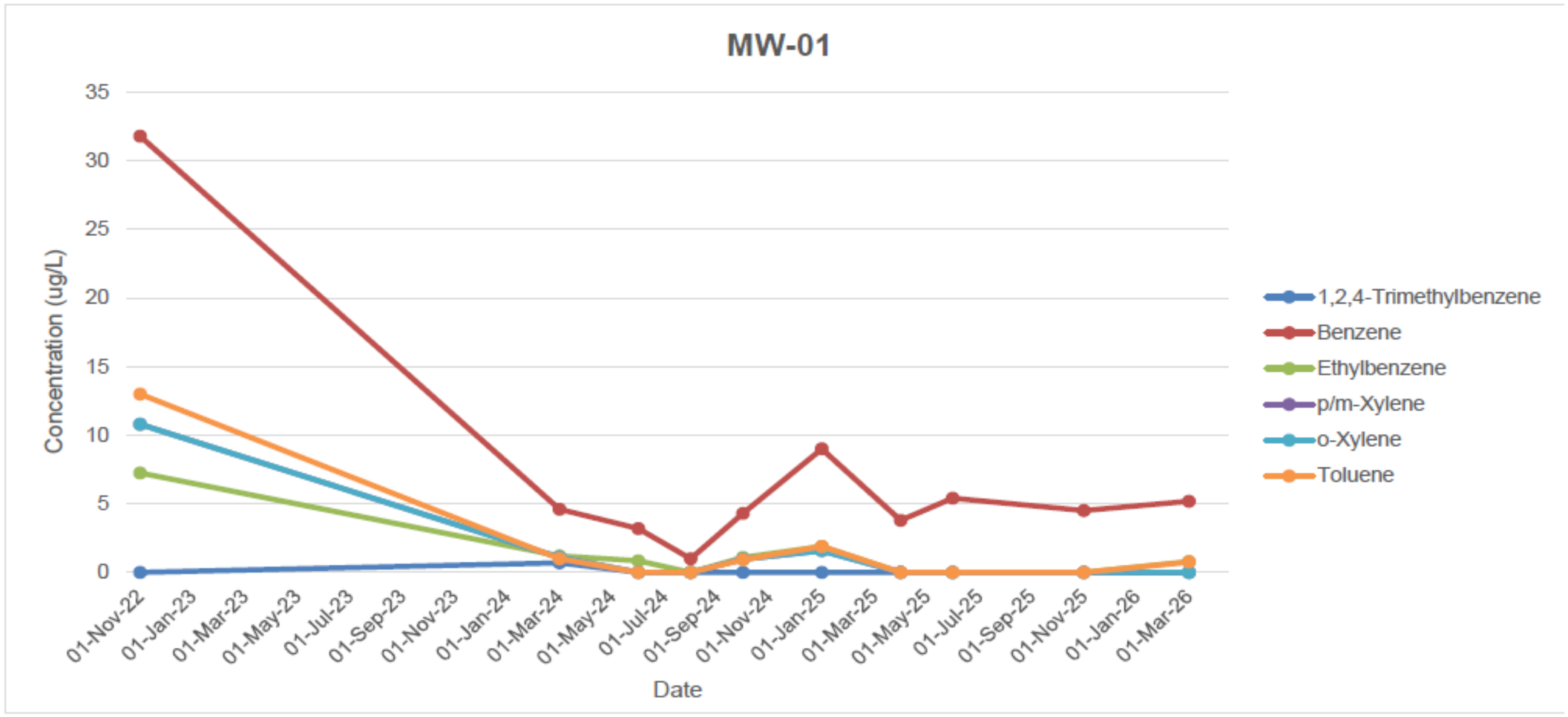


Table 2
Newtown Creek Bud Site – North Block
2-21 Malt Drive, Long Island City, NY
Post-Remedial Groundwater Concentrations Over Time
VOCs and TPH

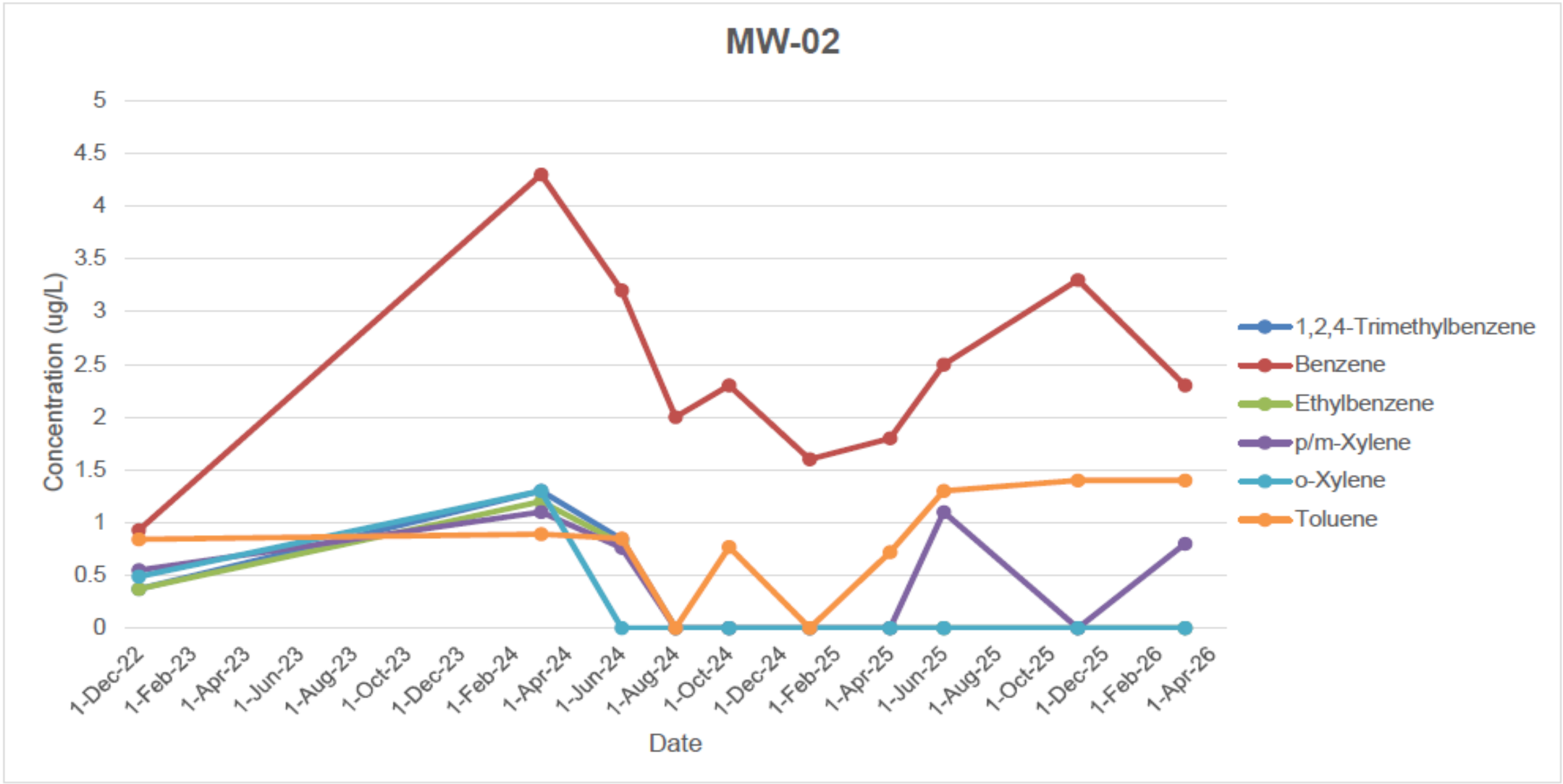
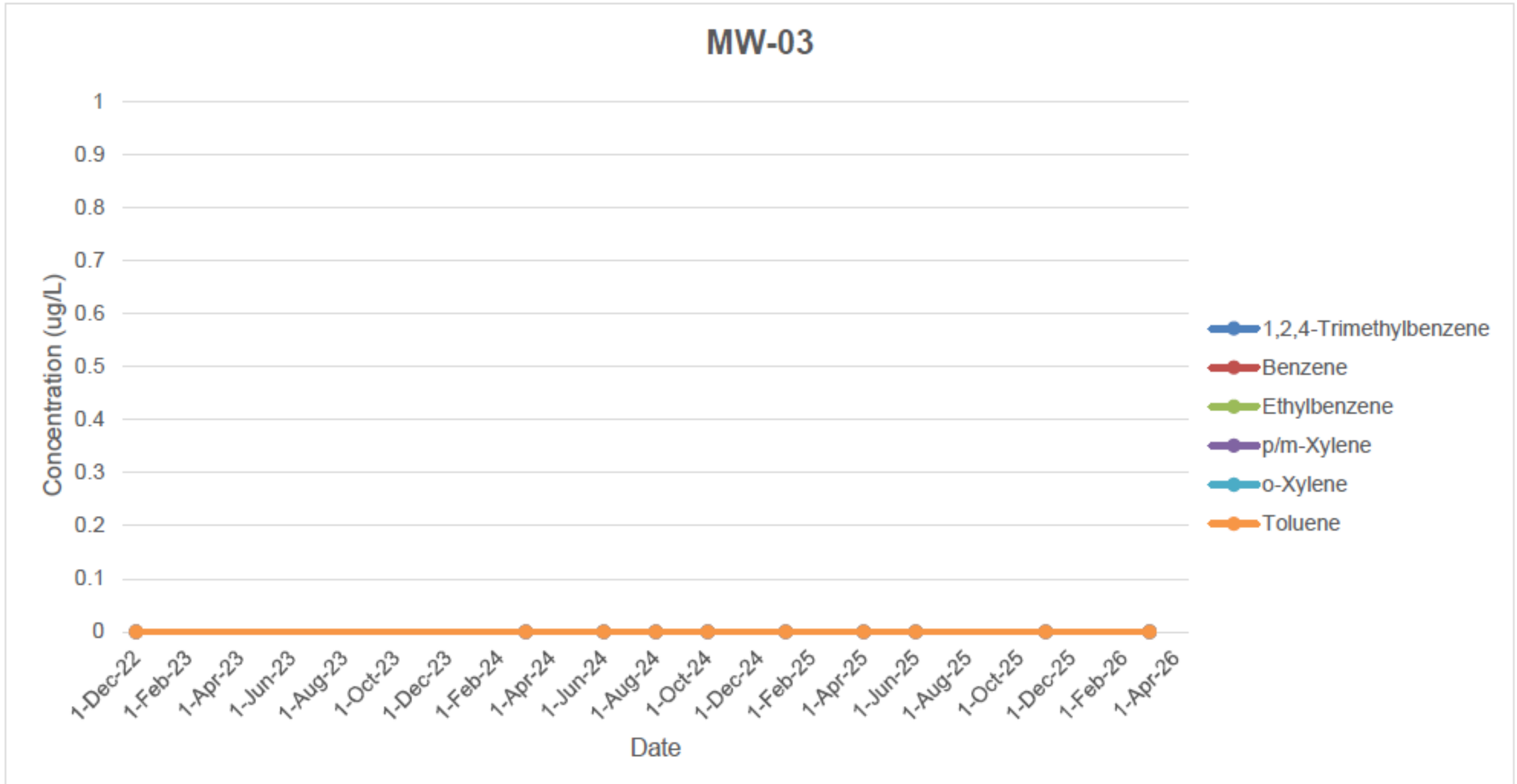


Table 2
Newtown Creek Bud Site – North Block
2-21 Malt Drive, Long Island City, NY
Post-Remedial Groundwater Concentrations Over Time
VOCs and TPH



Tables 1-2
Newtown Creek Bud Site – North Block
2-21 Malt Drive, Long Island City, NY
Post-Remedial Sampling
Notes

DEFINITIONS

D : Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

H : Sample result is estimated and biased high.

J : The concentration given is an estimated value.

L : Sample result is estimated and biased low.

NR : Not reported.

NS : No standard.

NT : Not tested.

R : Indicates the reported result is unusable (note: the analyte may or may not be present).

U : The analyte was not detected at the indicated concentration.

UJ : The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise

µg/L : micrograms per liter

STANDARDS

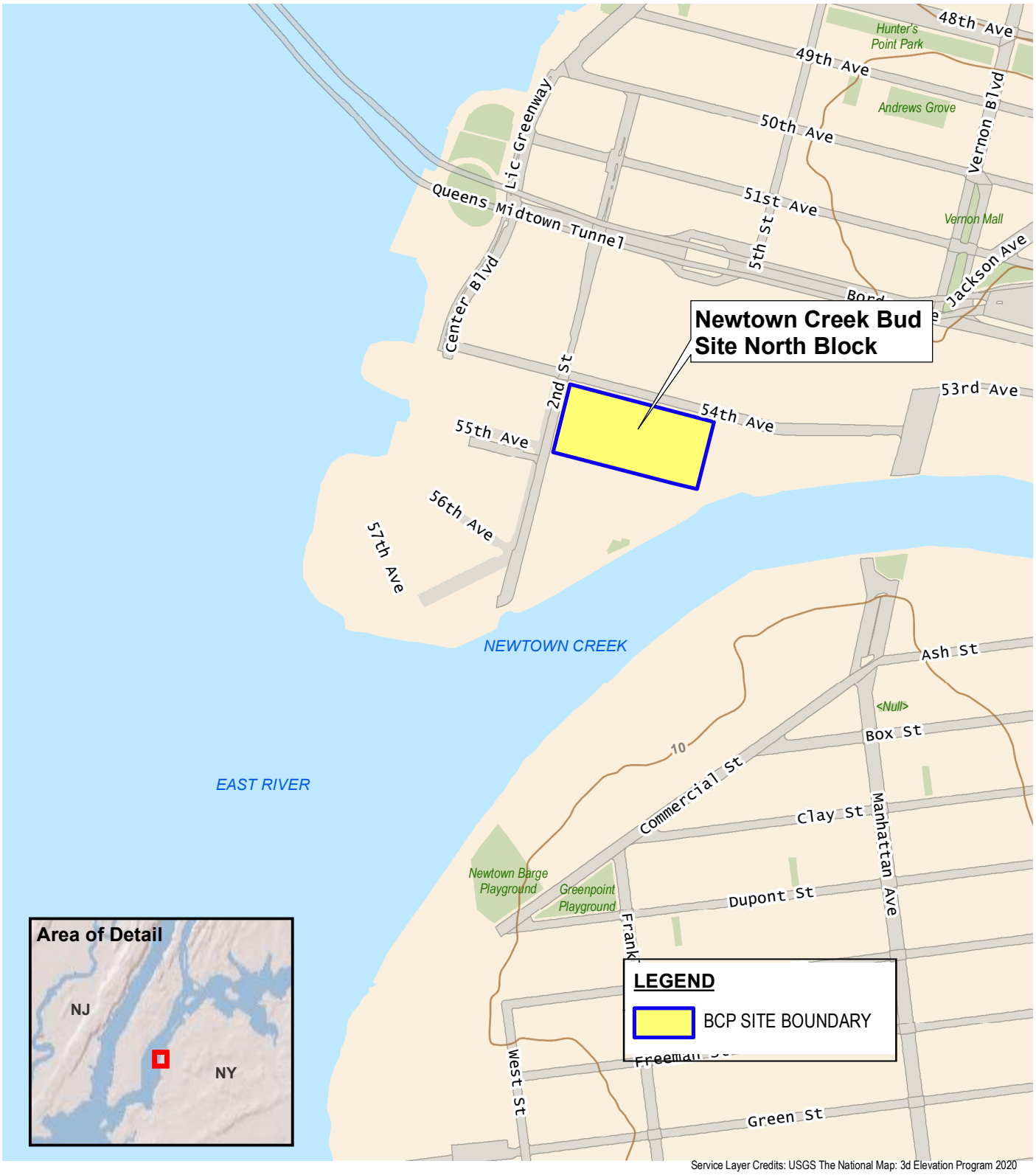
NYSDEC Class GA AWQSGVs : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

DUPLICATES

DUP-01_20221128 is a blind duplicate of sample MW-01_20221128
MW-0X_20240304 is a blind duplicate of sample MW-02_20240304
MW-X_20240612 is a blind duplicate of sample MW-1_20240612
MW-0X_20240816 is a duplicate of sample MW-03_20240816
MW-0X_20241018 is a blind duplicate of sample MW-02_20241018
MW-0X_20250122 is a blind duplicate of sample MW-02_20250122
MW-0X_20250407 is a blind duplicate of sample MW-02_20250407
MW-0X_20250627 is a blind duplicate of sample MW-02_20250627.
MW-0X_20251112 is a blind duplicate of sample MW-02_20251112.
MW-0X_20260302 is a blind duplicate of sample MW-02_20260302.

FIGURES



AKRF
440 Park Avenue South, New York, NY 10016

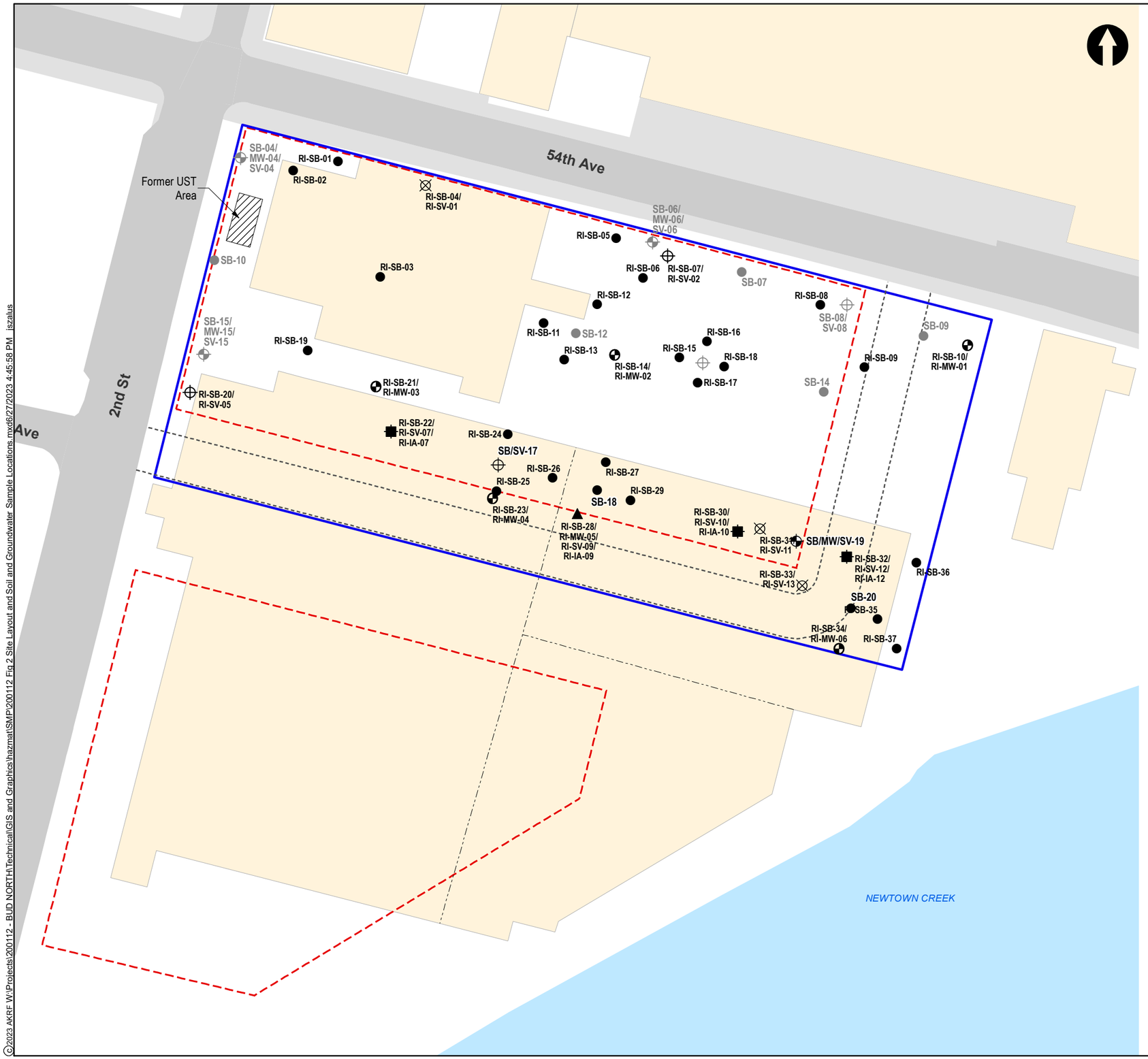
Newtown Creek Bud Site - North Block
2-10 54th Avenue - Long Island City, New York

BCP SITE LOCATION

DATE
11/29/2021

PROJECT NO.
200112

FIGURE
1



LEGEND

- BCP SITE AND ENVIRONMENTAL EASEMENT BOUNDARY
- NEW BUILDING FOOTPRINT
- FORMER BUILDING
- PREVIOUS SOIL BORING LOCATION
- PREVIOUS SOIL BORING/GROUNDWATER/SOIL VAPOR POINT LOCATION
- PREVIOUS SOIL BORING/SOIL VAPOR POINT LOCATION
- RI SOIL BORING
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/MONITORING WELL/SOIL VAPOR POINT/INDOOR AIR SAMPLE LOCATION
- RI SOIL BORING/SUB-SLAB LOCATION
- RI SOIL BORING/SOIL VAPOR POINT
- RI SOIL BORING/SOIL VAPOR POINT/INDOOR

UST UNDERGROUND STORAGE TANK

0 25 50 75 100 125

SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

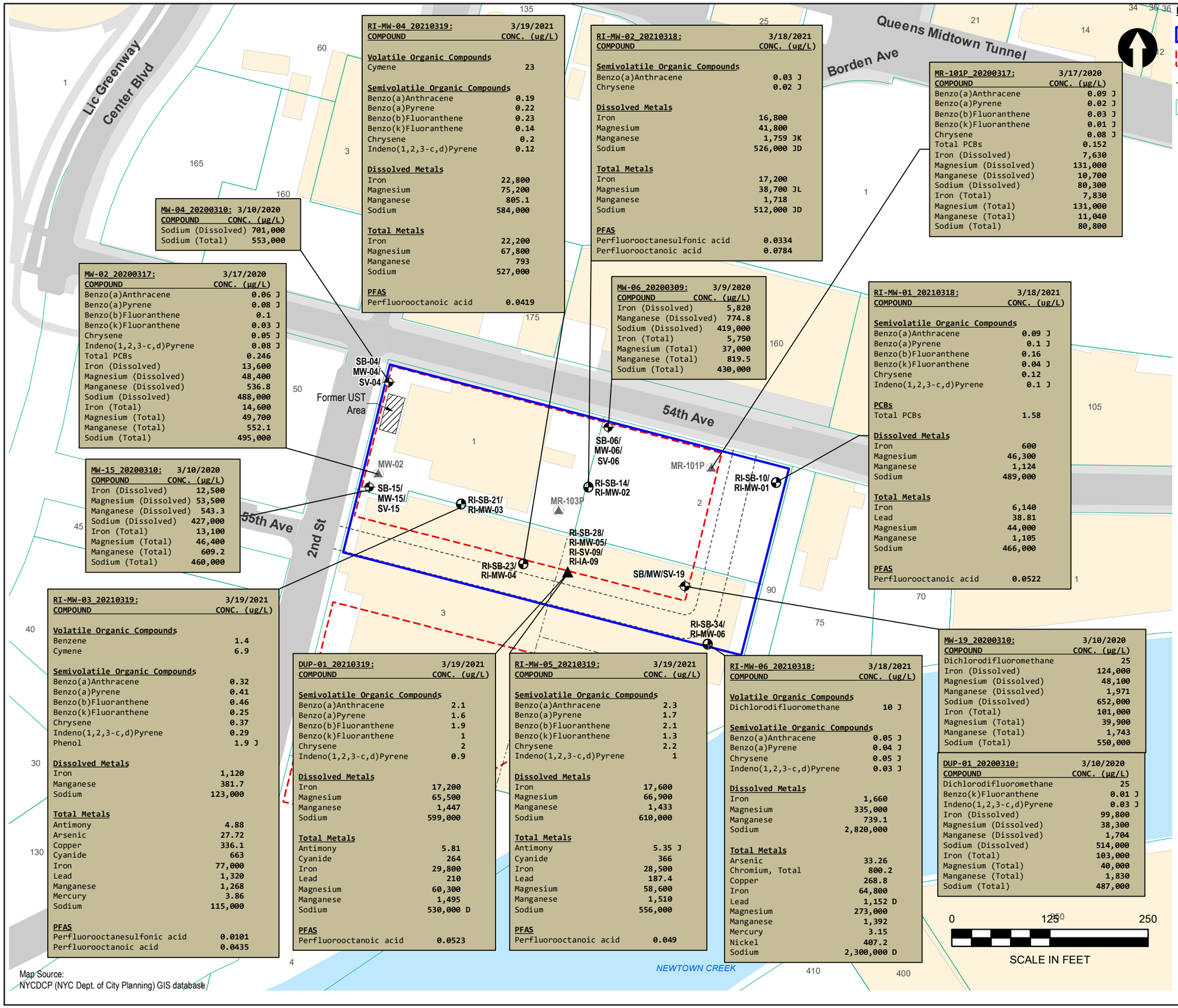
Newtown Creek Bud Site - North Block
2-21 Malt Drive - Long Island City, New York

SITE LAYOUT AND SOIL AND GROUNDWATER SAMPLE LOCATIONS

DATE
6/27/2023

PROJECT NO.
200112

FIGURE
2



RI-MW-04 20210319: 3/19/2021

COMPOUND	CONC. (ug/L)
Volatile Organic Compounds	
Cymene	23
Semivolatile Organic Compounds	
Benzo(a)Anthracene	0.19
Benzo(a)Pyrene	0.22
Benzo(b)Fluoranthene	0.23
Benzo(k)Fluoranthene	0.14
Chrysene	0.2
Indeno(1,2,3-c,d)Pyrene	0.12
Dissolved Metals	
Iron	22,800
Magnesium	75,200
Manganese	805.1
Sodium	584,000
Total Metals	
Iron	22,200
Magnesium	67,800
Manganese	793
Sodium	527,000
PFAS	
Perfluorooctanoic acid	0.0419

RI-MW-02 20210318: 3/18/2021

COMPOUND	CONC. (ug/L)
Semivolatile Organic Compounds	
Benzo(a)Anthracene	0.03 J
Chrysene	0.02 J
Dissolved Metals	
Iron	16,800
Magnesium	41,800
Manganese	1,759 JK
Sodium	526,000 JD
Total Metals	
Iron	17,200
Magnesium	38,700 JL
Manganese	1,718
Sodium	512,000 JD
PFAS	
Perfluorooctanesulfonic acid	0.0334
Perfluorooctanoic acid	0.0784

MR-101P 20200317: 3/17/2020

COMPOUND	CONC. (ug/L)
Benzo(a)Anthracene	0.09 J
Benzo(a)Pyrene	0.02 J
Benzo(b)Fluoranthene	0.03 J
Benzo(k)Fluoranthene	0.01 J
Chrysene	0.08 J
Total PCBs	0.152
Iron (Dissolved)	7,630
Magnesium (Dissolved)	131,000
Manganese (Dissolved)	10,700
Sodium (Dissolved)	80,300
Iron (Total)	7,830
Magnesium (Total)	131,000
Manganese (Total)	11,040
Sodium (Total)	80,800

MW-04 20200310: 3/10/2020

COMPOUND	CONC. (µg/L)
Sodium (Dissolved)	701,000
Sodium (Total)	553,000

MW-06 20200309: 3/9/2020

COMPOUND	CONC. (µg/L)
Iron (Dissolved)	5,820
Manganese (Dissolved)	774.8
Sodium (Dissolved)	419,000
Iron (Total)	5,750
Magnesium (Total)	37,000
Manganese (Total)	819.5
Sodium (Total)	430,000

RI-MW-01 20210318: 3/18/2021

COMPOUND	CONC. (ug/L)
Semivolatile Organic Compounds	
Benzo(a)Anthracene	0.09 J
Benzo(a)Pyrene	0.1 J
Benzo(b)Fluoranthene	0.16
Benzo(k)Fluoranthene	0.04 J
Chrysene	0.12
Indeno(1,2,3-c,d)Pyrene	0.1 J
PCBs	
Total PCBs	1.58
Dissolved Metals	
Iron	600
Magnesium	46,300
Manganese	1,124
Sodium	489,000
Total Metals	
Iron	6,140
Lead	38.81
Magnesium	44,000
Manganese	1,105
Sodium	466,000
PFAS	
Perfluorooctanoic acid	0.0522

MW-02 20200317: 3/17/2020

COMPOUND	CONC. (µg/L)
Benzo(a)Anthracene	0.06 J
Benzo(a)Pyrene	0.08 J
Benzo(b)Fluoranthene	0.1
Benzo(k)Fluoranthene	0.03 J
Chrysene	0.05 J
Indeno(1,2,3-c,d)Pyrene	0.08 J
Total PCBs	0.246
Iron (Dissolved)	13,600
Magnesium (Dissolved)	48,400
Manganese (Dissolved)	536.8
Sodium (Dissolved)	488,000
Iron (Total)	14,600
Magnesium (Total)	49,700
Manganese (Total)	552.1
Sodium (Total)	495,000

MW-15 20200310: 3/10/2020

COMPOUND	CONC. (µg/L)
Iron (Dissolved)	12,500
Magnesium (Dissolved)	53,500
Manganese (Dissolved)	543.3
Sodium (Dissolved)	427,000
Iron (Total)	13,100
Magnesium (Total)	46,400
Manganese (Total)	609.2
Sodium (Total)	460,000

RI-MW-03 20210319: 3/19/2021

COMPOUND	CONC. (ug/L)
Volatile Organic Compounds	
Benzene	1.4
Cymene	6.9
Semivolatile Organic Compounds	
Benzo(a)Anthracene	0.32
Benzo(a)Pyrene	0.41
Benzo(b)Fluoranthene	0.46
Benzo(k)Fluoranthene	0.25
Chrysene	0.37
Indeno(1,2,3-c,d)Pyrene	0.29
Phenol	1.9 J
Dissolved Metals	
Iron	1,120
Manganese	381.7
Sodium	123,000
Total Metals	
Antimony	4.88
Arsenic	27.72
Copper	336.1
Cyanide	663
Iron	77,000
Lead	1,320
Manganese	1,268
Mercury	3.86
Sodium	115,000
PFAS	
Perfluorooctanesulfonic acid	0.0101
Perfluorooctanoic acid	0.0435

DUP-01 20210319: 3/19/2021

COMPOUND	CONC. (ug/L)
Semivolatile Organic Compounds	
Benzo(a)Anthracene	2.1
Benzo(a)Pyrene	1.6
Benzo(b)Fluoranthene	1.9
Benzo(k)Fluoranthene	1
Chrysene	2
Indeno(1,2,3-c,d)Pyrene	0.9
Dissolved Metals	
Iron	17,200
Magnesium	65,500
Manganese	1,447
Sodium	599,000
Total Metals	
Antimony	5.81
Cyanide	264
Iron	29,800
Lead	210
Magnesium	60,300
Manganese	1,495
Sodium	530,000 D
PFAS	
Perfluorooctanoic acid	0.0523

RI-MW-05 20210319: 3/19/2021

COMPOUND	CONC. (ug/L)
Semivolatile Organic Compounds	
Benzo(a)Anthracene	2.3
Benzo(a)Pyrene	1.7
Benzo(b)Fluoranthene	2.1
Benzo(k)Fluoranthene	1.3
Chrysene	2.2
Indeno(1,2,3-c,d)Pyrene	1
Dissolved Metals	
Iron	17,600
Magnesium	66,900
Manganese	1,433
Sodium	610,000
Total Metals	
Antimony	5.35 J
Cyanide	366
Iron	28,500
Lead	187.4
Magnesium	58,600
Manganese	1,510
Sodium	556,000
PFAS	
Perfluorooctanoic acid	0.049

RI-MW-06 20210318: 3/18/2021

COMPOUND	CONC. (ug/L)
Volatile Organic Compounds	
Dichlorodifluoromethane	10 J
Semivolatile Organic Compounds	
Benzo(a)Anthracene	0.05 J
Benzo(a)Pyrene	0.04 J
Chrysene	0.05 J
Indeno(1,2,3-c,d)Pyrene	0.03 J
Dissolved Metals	
Iron	1,660
Magnesium	335,000
Manganese	739.1
Sodium	2,820,000
Total Metals	
Arsenic	33.26
Chromium, Total	800.2
Copper	268.8
Iron	64,800
Lead	1,152 D
Magnesium	273,000
Manganese	1,392
Mercury	3.15
Nickel	407.2
Sodium	2,300,000 D

MW-19 20200310: 3/10/2020

COMPOUND	CONC. (µg/L)
Dichlorodifluoromethane	25
Iron (Dissolved)	124,000
Magnesium (Dissolved)	48,100
Manganese (Dissolved)	1,971
Sodium (Dissolved)	652,000
Iron (Total)	101,000
Magnesium (Total)	39,900
Manganese (Total)	1,743
Sodium (Total)	550,000

DUP-01 20200310: 3/10/2020

COMPOUND	CONC. (µg/L)
Dichlorodifluoromethane	25
Benzo(k)Fluoranthene	0.01 J
Indeno(1,2,3-c,d)Pyrene	0.03 J
Iron (Dissolved)	99,800
Magnesium (Dissolved)	38,300
Manganese (Dissolved)	1,704
Sodium (Dissolved)	514,000
Iron (Total)	103,000
Magnesium (Total)	40,000
Manganese (Total)	1,830
Sodium (Total)	487,000

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

LEGEND

- BCP SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE LOCATION OF PROPOSED ROAD
- LOT BOUNDARY
- EXISTING MONITORING WELL LOCATION
- SOIL BORING/GROUNDWATER/SOIL VAPOR WITHIN PLANNED BUILDING FOOTPRINT
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/MONITORING WELL/SOIL VAPOR POINT/INDOOR AIR SAMPLE LOCATION

NYSDEC TOGS Class GA Ambient Water Quality Standard and Guidance Values (AWQSGVs) and/or Screening Levels:

New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) (1.1.1):

µg/L: micrograms per Liter = parts per billion (ppb)

PFOA: Perfluorooctanoic acid
PFAS: Per- and polyfluoroalkyl substances

Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

J: The concentration given is an estimated value.
D: Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.
K: Reported concentration value is proportional to dilution factor and may be exaggerated
L: Sample result is estimated and biased low.

DUP-01_20210319 is a blind duplicate of sample RI-MW-05_20210319

	NYSDEC AWQSGVs ug/l	NYSDEC PFAS Screening Levels ug/l
Volatile Organic Compounds		
Benzene	1	
Cymene	5	
Dichlorodifluoromethane	5	
Semivolatile Organic Compounds		
Benzo(a)Anthracene	0.002	
Benzo(a)Pyrene	0	
Benzo(b)Fluoranthene	0.002	
Benzo(k)Fluoranthene	0.002	
Chrysene	0.002	
Indeno(1,2,3-c,d)Pyrene	0.002	
Phenol	1	
PCBs		
Total PCBs	0.09	
Metals		
Antimony	3	
Arsenic	25	
Chromium, Total	50	
Copper	200	
Cyanide	200	
Iron	300	
Lead	25	
Magnesium	35,000	
Manganese	300	
Mercury	0.7	
Nickel	100	
Sodium	20,000	
PFAS		
Perfluorooctanesulfonic acid		0.01
Perfluorooctanoic acid		0.01

Sample ID — Sample Date

MW-04 20200310: 3/10/2020

COMPOUND	CONC. (µg/L)
Sodium (Dissolved)	701,000
Sodium (Total)	553,000

Analyte/Compound — Concentration

AKRF
440 Park Avenue South, New York, NY 10016

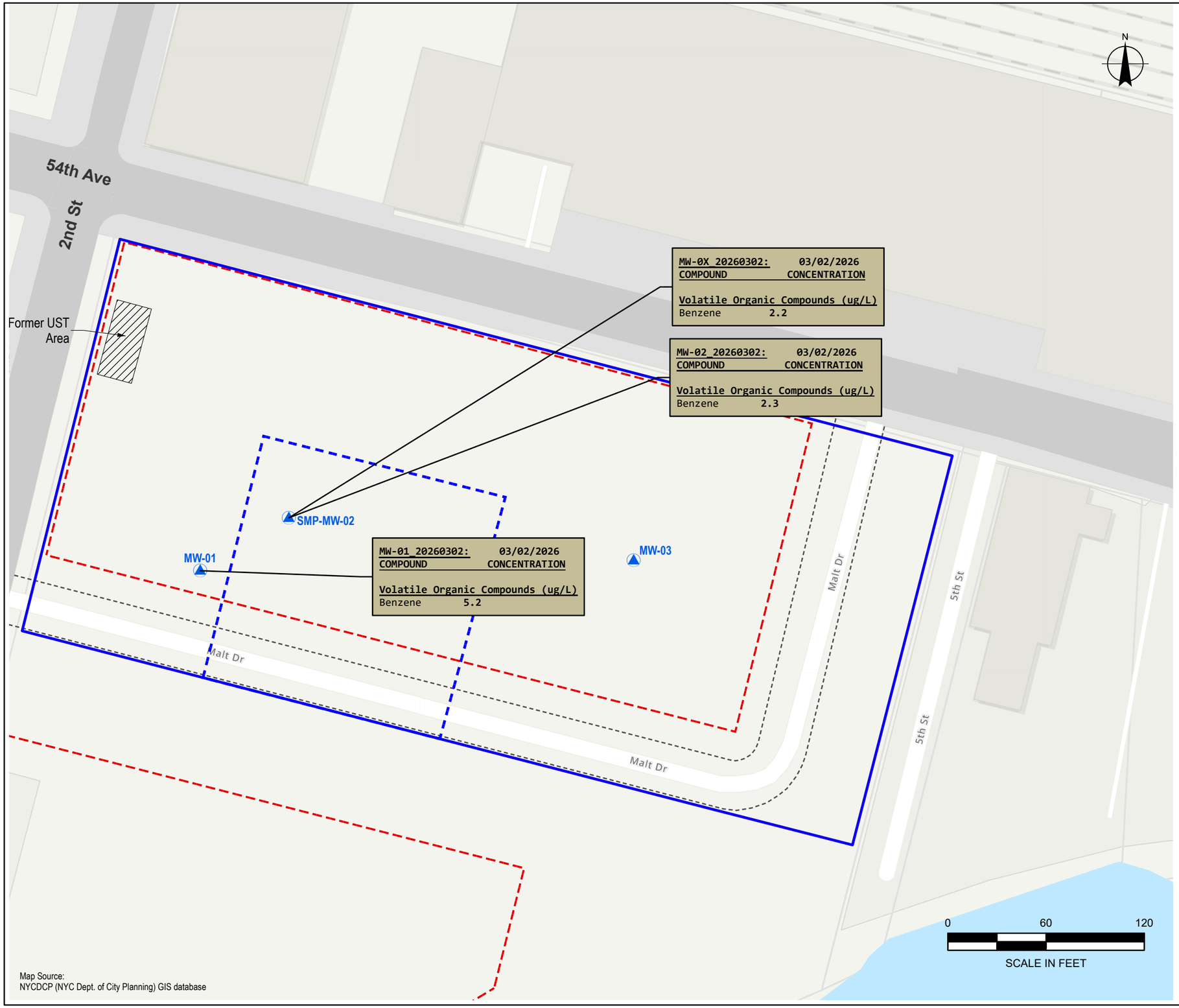
Newtown Creek Bud Site - North Block
2-10 54th Avenue - Long Island City, New York

RI Groundwater Sample Concentrations Above AWQSGVs and Screening Levels

DATE
4/9/2024

PROJECT NO.
200112

FIGURE
3



LEGEND

- BCP SITE BOUNDARY
- NEW BUILDING FOOTPRINT
- GROUNDWATER MONITORING WELL LOCATION
- GROUNDWATER TREATMENT AREA

NYSDEC TOGS Class GA Ambient Water Quality Standard and Guidance Values (AWQSGVs)

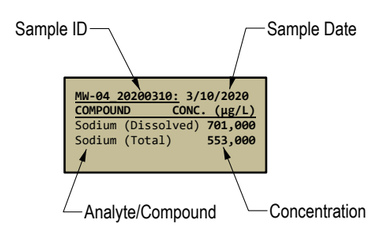
New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) (1.1.1): April 2023

µg/L: micrograms per Liter = parts per billion (ppb)
ppt parts per trillion(ppt)

Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

J: The concentration given is an estimated value.

MW-0X_20250122 is a blind duplicate of sample MW-02_20250122



akrf
440 Park Avenue South, New York, NY 10016

Newtown Creek Bud Site - North Block

2-21 Malt Drive - Long Island City, New York

Post-Remediation Groundwater Sample Analytical Results Above AWQSGVs - March 2026

DATE
6/16/2026

PROJECT NO.
200112

FIGURE
4

5/27/2025 12:47 PM jszalus

ATTACHMENT A
GROUNDWATER SAMPLING LOGS

akrf

440 Park Avenue South, 7th Floor
New York, NY 10016

Groundwater Monitoring Well Sampling Log

Page X of X

Project Name:	OUD SITE North	Client:		Well ID:	MW-01
Project Location:		Sampled By:	MS		
Project Number:	20012	Sampling Date:	03/02/2026		
Headspace PID:	ND	Sampling Time:	1351		
Total Well Depth:	15.36 ft. below top of casing	Water Column:	7.9 feet		*= 0.041 * WC for 1" wells
Depth to Water:	7.36 ft. below top of casing	Well Volume*:	1.03 gallons		*= 0.163 * WC for 2" wells
Product Thickness:	NA ft. below top of casing	Volume Purged:	1.5 gallons		*= 0.653 * WC for 4" wells
Depth to Top of Screen:	5 ft. below top of casing	Well Diameter:	2 inches		The target maximum flow rate is 100 ml/min. If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
Depth to Bottom of Screen:	15 ft. below top of casing	Purging Device:	Peri pump		
Approximate Pump Intake:	12.3 ft. below top of casing				

Time	Depth to Water (ft.)	Purge Rate (ml/min)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
1255	8.46	100	16.3	2.989	1.08	8.03	-113.0	15.22	No Sulfur Smell No Sheen No odor
1300		100	16.1	2.984	0.31	7.85	-137.6	7.61	
1305		100	16.1	2.981	0.20	7.85	-147.1	6.16	
1310		100	16.1	3.092	0.15	7.84	-153.3	4.30	
1315		100	16.1	3.051	0.10	7.82	-215.1	4.01	
1320		100	16.1	3.071	0.08	7.81	-231.7	3.32	
1325		100	16.1	3.092	0.05	8.01	-258.8	3.53	
1330		100	16.1	3.129	0.04	8.20	-286.0	2.18	
1335		100	16.1	3.139	0.03	8.26	-293.9	2.55	
1340		100	16.1	3.171	0.02	8.35	-319.4	2.92	
1345		100	16.2	3.171	0.02	8.37	-322.6	2.84	
1350		100	16.2	3.175	0.02	8.48	-325.1	1.81	
1430		100	16.0	3.170	0.04	8.43	-332.0	1.23	Collected MS/MSD @ MW-01
Stabilization Criteria:				+/- 3% mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	

MS Sampling 03/02/2026

Notes:

ORP - oxidation reduction potential mV - millivolt NTU - nephelometric turbidity units ml/min - milliliter per minute mS/cm - MilliSiemens per centimeter mg/L - milligrams per liter

Groundwater samples analyzed via

akrf

440 Park Avenue South, 7th Floor
New York, NY 10016

Groundwater Monitoring Well Sampling Log

Page X of X

Project Name:	BVD SITE North	Client:		Well ID:	MW-2
Project Location:	2-21 Holt Ave	Sampled By:	MS		
Project Number:	200112	Sampling Date:	03/02/2026		
Headspace PID:	ND	Sampling Time:	1216		
Total Well Depth:	25.15 ft. below top of casing	Water Column:	11.31 feet		*= 0.041 * WC for 1" wells
Depth to Water:	13.81 ft. below top of casing	Well Volume*:	1.84 gallons		*= 0.163 * WC for 2" wells
Product Thickness:	ft. below top of casing	Volume Purged:	1.2 gallons		*= 0.653 * WC for 4" wells
Depth to Top of Screen:	15 ft. below top of casing	Well Diameter:	2 inches		The target maximum flow rate is 100 ml/min. If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
Depth to Bottom of Screen:	25 ft. below top of casing	Purging Device:	Peri Pump		
Approximate Pump Intake:	20 ft. below top of casing				

Time	Depth to Water (ft.)	Purge Rate (ml/min)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
1130	13.96	100	18.9	2.750	6.96	8.56	-148.7	14.40	Sulfur odor
1135		100	19.1	2.617	4.66	8.84	-255.6	21.61	No sheen
1140		100	19.1	2.585	3.58	8.74	-283.0	15.43	Clear
1145		100	19.2	2.461	1.94	8.67	-245.3	7.14	
1150		100	19.2	2.435	1.39	8.46	-277.9	7.26	
1155		100	19.2	2.425	0.75	8.20	-277.3	8.21	
1200		100	19.2	2.443	0.43	8.09	-280.8	7.70	
1205		100	19.2	2.440	0.31	8.08	-284.5	8.53	
1210		100	19.2	2.440	0.23	8.10	-287.2	12.19	
1215		100	19.3	2.443	0.16	8.06	-292.3	16.86	
1240		100	19.3	2.464	0.05	8.04	-292.1	1.41	
Stabilization Criteria:				+/- 3% mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	

MS 03/02/2026

Sampling

Notes:

ORP - oxidation reduction potential mV - millivolt NTU - nephelometric turbidity units ml/min - milliliter per minute mS/cm - Millisiemens per centimeter mg/L - milligrams per liter

Groundwater samples analyzed for

MW-DX_20260302 Duplicate Collected

Sample

akrf

440 Park Avenue South, 7th Floor
New York, NY 10016

Groundwater Monitoring Well Sampling Log

Project Name:	BUD SITE North		Client:			Well ID: MW-03
Project Location:	2-21 Malt Drive		Sampled By:	MB		
Project Number:	200112		Sampling Date:	03/02/2026		
Headspace PID:	ND		Sampling Time:	1056		
Total Well Depth:	19.83	ft. below top of casing	Water Column:	6.05	feet	*= 0.041 * WC for 1" wells
Depth to Water:	13.78	ft. below top of casing	Well Volume*:	0.99	gallons	*= 0.163 * WC for 2" wells
Product Thickness:		ft. below top of casing	Volume Purged:	2	gallons	*= 0.653 * WC for 4" wells
Depth to Top of Screen:	13	ft. below top of casing	Well Diameter:	2	inches	The target maximum flow rate is 100 ml/min. If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
Depth to Bottom of Screen:	33	ft. below top of casing	Purging Device:	Geo pump Pump		
Approximate Pump Intake:	16.8	ft. below top of casing				

Time	Depth to Water (ft.)	Purge Rate (ml/min)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
1020	14.01	100	20.0	4.336	1.71	5.68	243.4	145.70	[illegible] No sheen No odor [illegible] Purged 2 gallons [illegible]
1025		100	20.3	4.203	0.54	5.89	70.3	115.58	
1030		100	20.3	4.127	0.43	5.97	27.1	90.15	
1035		100	20.2	4.092	0.41	6.01	11.4	55.12	
1040		100	20.3	4.056	0.36	6.02	2.3	47.16	
1045		100	20.3	4.041	0.35	6.00	1.7	45.18	
1050		100	20.3	4.020	0.33	6.01	-1.6	40.10	
1055		100	20.3	4.000	0.32	6.02	-5.0	37.15	
1110		100	20.2	3.973	0.25	6.03	-6.2	18.15	
Sampling									
Stabilization Criteria:				+/- 3% mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	

MB 03/02/2026

Notes: ORP - oxidation reduction potential mV - millivolt NTU - nephelometric turbidity units ml/min - milliliter per minute mS/cm - milliSiemens per centimeter mg/L - milligrams per liter

Groundwater samples analyzed for

ATTACHMENT B
LABORATORY DATA REPORTS AND DUSRS

April 30, 2026

Mr. Patrick Diggins
AKRF
440 Park Avenue South
7th Floor
New York, NY 10016

Re: Data Usability Summary Report – Pace Analytical Services – L2610915

Dear Mr. Diggins:

The evaluation of analytical data by Pace Analytical Services for four water samples, one field blank and one trip blank from the Bud North site, which were reported in a single data package under Job No. L2610915 has been completed. The following samples were reported:

MW-03_20260302	FB_20260302
TB_20260302	MW-02_20260302
MW-0X_20260302	MW-01_20260302

Analyses were performed in accordance with USEPA Methods 8260D (Volatile Organics), and 8015D (Total Petroleum Hydrocarbons). The review was performed to the extent possible, with the guidance in "DER-10/ Technical Guidance for Site Investigation and Remediation" and the analytical method. Professional judgment is applied as necessary and appropriate. Qualifiers consistent with those defined by EPA Region 2 are applied as necessary and appropriate.

Below is the Data Usability Summary Report (DUSR) associated with these samples.

Data Usability Summary Report	
1. Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA CLP data deliverables?	Yes
2. Have all holding times been met?	Yes
3. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls, and sample data fall within the protocol required limits and specifications?	No -see following sections
4. Have all of the data been generated using established and agreed upon analytical protocols?	Yes
5. Does an evaluation of the raw data confirm the results provided in the data summary sheet and the quality control verification forms?	Yes
6. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?	Yes

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheet from the data package been attached to the DUSR?	Yes

Overall Evaluation

Based on the data review effort, the following results are rejected (R):

Volatile Organics

- The non-detect results for acrylonitrile in all samples are rejected (R) on this basis.

The remaining sample results are usable with qualifications noted below. Only those quality excursions resulting in qualified data are discussed. Quality control excursions having no impact on sample results are not discussed. For samples that are qualified as estimated (J-, UJ), detected results may be biased low. False negatives may exist in non-detect results. Sample results that are qualified as estimated (J+) may be biased high. For samples that are qualified as estimated with any combination of (J), (J-) and/or (J+), the (J) qualifier takes precedence and is applied to the sample result. It is not possible to determine the direction of the bias and the overall effect on the result. Where a sample result is rejected (R) the 'R' qualifier takes precedence over any other qualification.

Volatile Organics

- The results for dichlorodifluoromethane and vinyl acetate in FB_20260302 and TB_20260302 are qualified as estimated (UJ) due to high percent difference in the second source initial calibration (ICV) standard.
- The results for bromomethane and 1,2,4,5-tetramethylbenzene in FB_20260302 and TB_20260302 are qualified as estimated (UJ) due to low response in the continuing calibration verification (CCV) standard.
- The results for chloromethane, acetone, acrylonitrile, 2-butanone, 1,4-dioxane, 4-methyl-2-pentanone, 2-hexanone and trans-1,4-dichloro-2-butene in MW-03_20260302, MW-02_20260302, MW-0X_20260302 and MW-01_20260302 are qualified as estimated (UJ) due to low response in the CCV.
- The results for 2-butanone, 4-methyl-2-pentanone and 2-hexanone in MW-03_20260302, MW-02_20260302, MW-0X_20260302 and MW-01_20260302 are qualified as estimated due to low recoveries in the laboratory control sample (LCS) and LCS duplicate (LCSD).
- The results for 1,2,4,5-tetramethylbenzene in FB_20260302 and TB_20260302 are qualified as estimated to low recoveries in the LCS and LCSD.
- The results for bromomethane, 2-hexanone, 1,4-dioxane and trans-1,4-dichloro-2-butene in MW-01_20260302 are qualified as estimated (UJ) due to low recovery in the matrix spike (MS) and MS duplicate (MSD).

Total Petroleum Hydrocarbons

- The result for ORO in FB_20260302 is qualified as not detected (U) at the reporting limit due to method blank contamination. Since the TPH result includes ORO, the result for TPH in FB_20260302 is qualified as estimated (J+).
- The results for ORO in all field samples are qualified as estimated (J+) due to method blank contamination.
- The results for DRO and TPH in all field samples are qualified as estimated (J+) due to field blank contamination.
- The results for DRO and TPH in all samples are qualified as estimated (J-) due to low recoveries in the LCS and LCSD.
- The results for DRO and TPH (C9-C44) in MW-01_20260302 are qualified as estimated (J) due to low recoveries in the MS and MSD.
- The results for DRO, ORO and TPH in all field samples are qualified as estimated (J) due to high relative percent difference (RPD) in field duplicate samples.

Qualifier definitions are provided in Attachment A. A copy of the chain of custody record is provided in Attachment B. Pages from the data package illustrating the exceedances and issues described in this validation report are included in Attachment C.

The following components were reviewed, where applicable:

- Chain of Custody
- Receiving conditions
- Holding times
- Preservation
- Analyte lists
- Reporting limits
- Requested methods
- Units, and
- Sample related quality control data:
  - Method blanks
  - Field blanks
  - Trip blanks
  - Surrogate recoveries
  - LCS/LCSD recoveries
  - MS/MSD recoveries
  - Internal standards
  - Duplicates
- Instrument related quality control data:
  - Instrument tunes
  - Calibration summaries

In the remaining sections of this report, only those quality excursions resulting in qualified data are discussed below. Quality control excursions having no impact on sample results are not discussed.

Documentation: A completeness review of the data package was performed, and the data package was determined to be a complete Category B data package.

Holding Times, Preservation, Sample Integrity:

A copy of the applicable chain of custody (COC) record was included in the data package, documenting sample collection date of March 2, 2026. The samples were received at the laboratory on the same day as sample collection. All samples were received intact, properly preserved and analyzed within method holding time, except for preservation for acrylonitrile. Acrylonitrile requires preservation at a pH of 4 due to the highly reactive nature of the analyte. All sample pH values are documented as pH<2. The non-detect results for acrylonitrile in all samples are rejected (R) on this basis.

The samples for petroleum hydrocarbon analysis were extracted within hold time and were also re-extracted five days outside of hold time. See Section B.2.

A. Volatile Organics

1. Calibration

Two initial calibrations (ICs) were performed in support of the sample analyses. All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients (r2) are acceptable. A second source ICV standard was analyzed after the IC, and all percent differences are acceptable (≤30%D) with the exceptions noted below.

Analyte	%D	Associated Sample	Qualifier Applied
ICV GONZO 1/28/2026			
Dichlorodifluoromethane	35.1	FB_20260302	J-, UJ
Vinyl acetate	36.7	TB_20260302	

The results for dichlorodifluoromethane and vinyl acetate in FB_20260302 and TB_20260302 are qualified as estimated (UJ) due to high percent difference in the ICV.

Continuing calibration verification (CCV) standards were analyzed at the appropriate frequency, and all percent differences (%Ds) are acceptable (<20%D), with the exceptions noted below

Analyte	%D	Associated Sample	Qualifier Applied
CCV GONZO 03/04/26 07:28			
Bromomethane	25.6	FB_20260302 TB_20260302	J-, UJ
1,2,4,5-Tetramethylbenzene	32.4		
CCV VOA105 03/04/26 08:18			
Chloromethane	36.6	MW-03_20260302 MW-02_20260302 MW-0X_20260302 MW-01_20260302	UJ
Acetone	32.2		
Acrylonitrile	25.3		
2-Butanone	47.4		
1,4-Dioxane	41.4		
4-Methyl-2-pentanone	40.6		
2-Hexanone	47.4		
trans-1,4-Dichloro-2-butene	28.1		

In all instances, the percent difference represents a decrease in instrument sensitivity. The results for bromomethane and 1,2,4,5-tetramethylbenzene in FB_20260302 and TB_20260302 are qualified as estimated (UJ) due to low response in the CCV.

The results for chloromethane, acetone, acrylonitrile, 2-butanone, 1,4-dioxane, 4-methyl-2-pentanone, 2-hexanone and trans-1,4-dichloro-2-butene in MW-03_20260302, MW-02_20260302, MW-0X_20260302 and MW-01_20260302 are qualified as estimated (UJ) due to low response in the CCV.

2. Laboratory Control Sample (LCS) / LCSD Duplicate (LCSD)

Two LCS/LCSD pairs were analyzed in support of sample analysis. The LCS/LCSD are evaluated using control limit of 70-130%R, relative percent difference (RPD)≤20. All recoveries and RPDs are acceptable, with the following exceptions.

Analyte	MS %R	MSD %R	RPD	Associated Sample
WG2181412-3&4				
2-Butanone	52	56	a	MW-03_20260302 MW-02_20260302 MW-0X_20260302 MW-01_20260302
4-Methyl-2-pentanone	59	62	a	
2-Hexanone	53	53	a	
WG2181420-3&4				
1,2,4,5-Tetramethylbenzene	68	66	a	FB_20260302 TB_20260302

a=acceptable

The results for 2-butanone, 4-methyl-2-pentanone and 2-hexanone in MW-03_20260302 MW-02_20260302, MW-0X_20260302 and MW-01_20260302 are qualified as estimated due to low recoveries in the LCS and LCSD.
The results for 1,2,4,5-tetramethylbenzene in FB_20260302 and TB_20260302 are qualified

as estimated to low recoveries in the LCS and LCSD.

3. Matrix Spike (MS) / MS Duplicate (MSD)

MS/MSD analyses were performed on sample MW-01_20260302. The MS/MSD are evaluated using control limit of 70-130%R, relative percent difference (RPD)≤30. All recoveries and RPDs are acceptable, with the following exceptions.

Analyte	MS %R	MSD %R	RPD
Bromomethane	61	65	a
2-Hexanone	61	57	a
1,4-Dioxane	56	64	a
trans-1,4-Dichloro-2-butene	19	22	a

a=acceptable

The results for bromomethane, 2-hexanone, 1,4-dioxane and trans-1,4-dichloro-2-butene in MW-01_20260302 are qualified as estimated (UJ) due to low recovery in the MS and MSD.

4. Field Duplicates

MW-0X_20260302 was submitted as a field duplicate of MW-02_20260302. Following qualification based on field blank contamination, precision between paired samples is acceptable (RPD≤30) and is presented below. Results below the reporting limit are not evaluated.

Analyte	MW-02_20260302 (µg/L)	MW-0X_20260302 (µg/L)	RPD
Benzene	2.3	2.2	4.4
Naphthalene	12	11	8.7
Toluene	1.4 (J)	1.3 (J)	nc
Xylene (Total)	0.80 (J)	0.78 (J)	nc
p/m-Xylene	0.80 (J)	0.78 (J)	nc

nc-not calculated

B. Total Petroleum Hydrocarbons

1. Blanks

The following table summarizes blank detections that impacted sample results.

Blank	Analyte	Conc. µg/L	Associated Sample	Qualifier Applied
WG2183080-1	ORO (C28-C40)	5.52 (J)	MW-03_20260302	J+
			FB_20260302	U

			MW-02_20260302	J+
			MW-0X_20260302	J+
			MW-01_20260302	J+

The result for ORO in FB_20260302 is qualified as not detected (U) at the reporting limit due to method blank contamination. Since the TPH result includes ORO, the result for TPH in FB_20260302 is qualified as estimated (J+).

The results for ORO in all field samples is qualified as estimated (J+) because the sample concentrations are above the reporting limit and less than times the concentration in the method blank.

Following qualification based on method blank results, the following samples are qualified based on field blank contamination.

FB_20260302	DRO (C10-C28)	29.2 (J)	MW-03_20260302	J+
			MW-02_20260302	J+
			MW-0X_20260302	J+
			MW-01_20260302	J+
FB_20260302	TPH (C9-C44)	36.0	MW-03_20260302	J+
			MW-02_20260302	J+
			MW-0X_20260302	J+
			MW-01_20260302	J+

The results for DRO and TPH in all field samples are qualified as estimated (J+) because the sample concentration is less than ten times the concentration detected in the field blank.

2. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)

One LCS/LCSD pair was prepared and analyzed with the samples. All recoveries are acceptable (50-130%R), RPD≤20, with the exceptions noted below.

Analyte	LCS %R	LCSD %R	RPD	Associated Sample
LCS WG2183080-2&3				
Nonane (C9)	40	36	a	MW-03_20260302 FB_20260302 TB_20260302 MW-02_20260302 MW-0X_20260302 MW-01_20260302
Decane (C10)	45	41	a	

a=acceptable

The laboratory re-extracted all samples five days out of hold time, due to low LCS/LCSD recoveries for nonane and decane. All recoveries are within control limits in the re-extracted

LCS and LCSD. However, it is recommended that the results from original extraction are used because the samples were extracted within hold time. The results for DRO and TPH in all samples are qualified as estimated (J-) due to low recoveries in the LCS and or LCSD for nonane (C9) and decane (C10). The results for the re-extraction are marked reportable=No in the electronic data deliverable (EDD).

3. Matrix Spike (MS) / MS Duplicate (MSD)

MS/MSD analyses were performed on sample MW-01_20260302. MS/MSD are evaluated using control limit of 50-150%R, relative percent difference (RPD)≤30. All recoveries and RPDs are acceptable, with the following exceptions.

Analyte	MS %R	MSD %R	RPD
Nonane (C9)	37	a	40
Decane (C10)	45	a	39

a=acceptable

The results for DRO and TPH (C9-C44) in MW-01_20260302 are qualified as estimated (J) due to low recoveries in the MS and MSD.

4. Field Duplicates

MW-0X_20260302 was submitted as a field duplicate of MW-02_20260302. Following qualification based on field blank contamination, precision between paired samples is acceptable (RPD≤30) and is presented below.

Analyte	MW-02_20260302 (µg/L)	MW-0X_20260302 (µg/L)	RPD
DRO (C10-C28)	368	251	37.8
ORO (C28-C40)	30.6	22.6	30.1
Total Petroleum Hydrocarbons (C9-C44)	403	279	36.4

The results for DRO, ORO and TPH in all field samples are qualified as estimated (J) due to high RPD in field duplicate samples.

No other sample results are qualified. Please feel free to contact me at (908) 370-3431 or jlrenvconsulting@outlook.com if you have any questions regarding this data package review report or need further information.

Sincerely,

Jeri L Rossi, CEAC

Environmental Consulting Chemist

ATTACHMENT A

Qualifier Definitions

EPA Qualifier Definitions

U	The analyte was analyzed for but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.

ATTACHMENT B

CHAIN OF CUSTODY (COC)

NEW YORK CHAIN OF CUSTODY

Pace ANALYTICAL SERVICES

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 03/03/26

Pace Job #: L2610915

Client Information
Client: AKRF INC
Address: 440 PARK AV. SOUTH NY - NY
Phone:
Fax:
Email: JDIGGINS@AKRF.COM

Project Information
Project Name: BUD NORTH
Project Location: 2-21 MALT DRIVE
Project #: 200122
(Use Project name as Project #)
Project Manager: P. DIGGINS
PACE Quote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [X] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[X] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[ ] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Pace [ ]

Other project specific requirements/comments:

AKRF DATA EDDs ; CAT B DELIVERABLES; CLOSE SDG

Please specify Metals or TAL.

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260 (5 vials)	TPH DRO/ORO	Total Bottles
10915-01	MW-03_20260302	03/02/26	1056	GW	MB	X	X	5
02	FB_20260302	03/02/26	1200	W	MB	X	X	5
03	TB_20260302	LAB	LAB	W	MB	X		2
04	MW-02_20260302	03/02/26	1216	GW	MB	X	X	5
05	MW-0X_20260302	03/02/26	1200	GW	MB	X	X	5
06	MW-01_20260302	03/02/26	1351	GW	MB	X	X	5

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Sample Specific Comments
MS/MSD COLLECTED

03/02/2026

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A
Preservative	B	A

Relinquished By:	Date/Time	Received By:	Date/Time
	03/02/26 1702	(PACE)	03/02/26 1702
(PACE)	03/02/26 17:25	NJ56 SS	03/02/26 17:25
NJ56 SS	03/02/26		3/3 18:50
A	3/3 04:25	A	3/2 23:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

T3 n 3/26-0425

ATTACHMENT C

SELECTED PAGES FROM DATA PACKAGE –
QC EXCEEDANCES AND VALIDATION ISSUES

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2610915
Project Name	: BUD NORTH	**Project Number**	: 200112
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2181412-3	**Analysis Date** : 03/04/26 08:18	**File ID** : V05260304A04
LCSD Sample ID	: WG2181412-4	**Analysis Date** : 03/04/26 08:43	**File ID** : V05260304A05

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
trans-1,2-Dichloroethene	10	11	110		10	10	100	10	70-130	20
Trichloroethene	10	11	110		10	11	110	0	70-130	20
1,2-Dichlorobenzene	10	10	100		10	10	100	0	70-130	20
1,3-Dichlorobenzene	10	10	100		10	11	110	10	70-130	20
1,4-Dichlorobenzene	10	10	100		10	10	100	0	70-130	20
Methyl tert butyl ether	10	10	100		10	10	100	0	63-130	20
p/m-Xylene	20	22	110		20	22	110	0	70-130	20
o-Xylene	20	21	105		20	22	110	5	70-130	20
cis-1,2-Dichloroethene	10	11	110		10	10	100	10	70-130	20
Dibromomethane	10	11	110		10	11	110	0	70-130	20
1,2,3-Trichloropropane	10	9.1	91		10	9.2	92	1	64-130	20
Acrylonitrile	10	7.5	75		10	7.2	72	4	70-130	20
Styrene	20	21	105		20	22	110	5	70-130	20
Dichlorodifluoromethane	10	12	120		10	12	120	0	36-147	20
Acetone	10	6.8	68		10	7.1	71	4	58-148	20
Carbon disulfide	10	11	110		10	11	110	0	51-130	20
2-Butanone	10	5.2	52	Q	10	5.6	56	Q 7	63-138	20
Vinyl acetate	10	8.0	80		10	8.4	84	5	70-130	20
4-Methyl-2-pentanone	10	5.9	59		10	6.2	62	5	59-130	20
2-Hexanone	10	5.3	53	Q	10	5.3	53	Q 0	57-130	20
Bromochloromethane	10	11	110		10	11	110	0	70-130	20
2,2-Dichloropropane	10	10	100		10	10	100	0	63-133	20
1,2-Dibromoethane	10	9.3	93		10	9.7	97	4	70-130	20
1,3-Dichloropropane	10	9.6	96		10	9.8	98	2	70-130	20
1,1,1,2-Tetrachloroethane	10	11	110		10	11	110	0	64-130	20
Bromobenzene	10	10	100		10	10	100	0	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2610915
Project Name	: BUD NORTH	**Project Number**	: 200112
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2181420-3	**Analysis Date** : 03/04/26 07:28	**File ID** : VG260304A02
LCSD Sample ID	: WG2181420-4	**Analysis Date** : 03/04/26 07:55	**File ID** : VG260304A03

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
n-Butylbenzene	10	10	100		10	9.7	97		3	53-136	20
sec-Butylbenzene	10	9.3	93		10	9.3	93		0	70-130	20
tert-Butylbenzene	10	10	100		10	9.8	98		2	70-130	20
o-Chlorotoluene	10	11	110		10	11	110		0	70-130	20
p-Chlorotoluene	10	10	100		10	10	100		0	70-130	20
1,2-Dibromo-3-chloropropane	10	8.7	87		10	8.5	85		2	41-144	20
Hexachlorobutadiene	10	8.9	89		10	9.0	90		1	63-130	20
Isopropylbenzene	10	10	100		10	10	100		0	70-130	20
p-Isopropyltoluene	10	9.8	98		10	9.7	97		1	70-130	20
Naphthalene	10	7.0	70		10	7.0	70		0	70-130	20
n-Propylbenzene	10	11	110		10	11	110		0	69-130	20
1,2,3-Trichlorobenzene	10	8.3	83		10	8.5	85		2	70-130	20
1,2,4-Trichlorobenzene	10	8.3	83		10	8.1	81		2	70-130	20
1,3,5-Trimethylbenzene	10	10	100		10	10	100		0	64-130	20
1,2,4-Trimethylbenzene	10	10	100		10	9.8	98		2	70-130	20
1,4-Dioxane	500	420	84		500	460	92		9	56-162	20
p-Diethylbenzene	10	8.8	88		10	8.7	87		1	70-130	20
p-Ethyltoluene	10	10	100		10	10	100		0	70-130	20
1,2,4,5-Tetramethylbenzene	10	6.8	68	Q	10	6.6	66	Q	3	70-130	20
Ethyl ether	10	9.6	96		10	10	100		4	59-134	20
trans-1,4-Dichloro-2-butene	10	11	110		10	12	120		9	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2610915
Project Name	: BUD NORTH	**Project Number**	: 200112
Client Sample ID	: MW-01_20260302	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2610915-06	**Analysis Date**	: 03/04/26 12:07
Matrix Spike	: WG2181412-6	**MS Analysis Date**	: 03/04/26 12:32
Matrix Spike Dup	: WG2181412-7	**MSD Analysis Date**	: 03/04/26 12:58

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bromomethane	ND	10	6.1	61		10	6.5	65	6	39-139	20
Vinyl chloride	ND	10	11	110		10	12	120	9	55-140	20
Chloroethane	ND	10	14	140	Q	10	13	130	7	55-138	20
1,1-Dichloroethene	ND	10	13	130		10	13	130	0	61-145	20
trans-1,2-Dichloroethene	ND	10	12	120		10	12	120	0	70-130	20
Trichloroethene	ND	10	12	120		10	12	120	0	70-130	20
1,2-Dichlorobenzene	ND	10	11	110		10	10	100	10	70-130	20
1,3-Dichlorobenzene	ND	10	11	110		10	11	110	0	70-130	20
1,4-Dichlorobenzene	ND	10	11	110		10	10	100	10	70-130	20
Methyl tert butyl ether	ND	10	12	120		10	11	110	9	63-130	20
p/m-Xylene	0.73J	20	25	125		20	24	120	4	70-130	20
o-Xylene	ND	20	24	120		20	24	120	0	70-130	20
cis-1,2-Dichloroethene	ND	10	12	120		10	11	110	9	70-130	20
Dibromomethane	ND	10	12	120		10	11	110	9	70-130	20
1,2,3-Trichloropropane	ND	10	9.8	98		10	9.5	95	3	64-130	20
Acrylonitrile	ND	10	8.0	80		10	7.9	79	1	70-130	20
Styrene	ND	20	23	115		20	23	115	0	70-130	20
Dichlorodifluoromethane	ND	10	13	130		10	12	120	8	36-147	20
Acetone	ND	10	9.1	91		10	8.3	83	9	58-148	20
Carbon disulfide	1.4J	10	13	130		10	12	120	8	51-130	20
2-Butanone	ND	10	6.7	67		10	6.5	65	3	63-138	20
Vinyl acetate	ND	10	9.1	91		10	8.8	88	3	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2610915
Project Name	: BUD NORTH	**Project Number**	: 200112
Client Sample ID	: MW-01_20260302	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2610915-06	**Analysis Date**	: 03/04/26 12:07
Matrix Spike	: WG2181412-6	**MS Analysis Date**	: 03/04/26 12:32
Matrix Spike Dup	: WG2181412-7	**MSD Analysis Date**	: 03/04/26 12:58

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
4-Methyl-2-pentanone	ND	10	7.2	72	10	7.2	72	0	59-130	20
2-Hexanone	ND	10	6.1	61	10	5.7	57	7	57-130	20
Bromochloromethane	ND	10	12	120	10	11	110	9	70-130	20
2,2-Dichloropropane	ND	10	12	120	10	11	110	9	63-133	20
1,2-Dibromoethane	ND	10	10	100	10	10	100	0	70-130	20
1,3-Dichloropropane	ND	10	11	110	10	10	100	10	70-130	20
1,1,1,2-Tetrachloroethane	ND	10	12	120	10	11	110	9	64-130	20
Bromobenzene	ND	10	10	100	10	10	100	0	70-130	20
n-Butylbenzene	ND	10	11	110	10	11	110	0	53-136	20
sec-Butylbenzene	ND	10	11	110	10	11	110	0	70-130	20
tert-Butylbenzene	ND	10	11	110	10	11	110	0	70-130	20
o-Chlorotoluene	ND	10	11	110	10	10	100	10	70-130	20
p-Chlorotoluene	ND	10	11	110	10	11	110	0	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	9.2	92	10	8.6	86	7	41-144	20
Hexachlorobutadiene	ND	10	13	130	10	13	130	0	63-130	20
Isopropylbenzene	ND	10	11	110	10	11	110	0	70-130	20
p-Isopropyltoluene	ND	10	12	120	10	11	110	9	70-130	20
Naphthalene	18	10	29	110	10	30	120	3	70-130	20
n-Propylbenzene	ND	10	11	110	10	11	110	0	69-130	20
1,2,3-Trichlorobenzene	ND	10	12	120	10	11	110	9	70-130	20
1,2,4-Trichlorobenzene	ND	10	11	110	10	11	110	0	70-130	20
1,3,5-Trimethylbenzene	ND	10	11	110	10	11	110	0	64-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2610915
Project Name	: BUD NORTH	**Project Number**	: 200112
Client Sample ID	: MW-01_20260302	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2610915-06	**Analysis Date**	: 03/04/26 12:07
Matrix Spike	: WG2181412-6	**MS Analysis Date**	: 03/04/26 12:32
Matrix Spike Dup	: WG2181412-7	**MSD Analysis Date**	: 03/04/26 12:58

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	ND	10	11	110		10	11	110	0	70-130	20
1,4-Dioxane	ND	500	280	56		500	320	64	13	56-162	20
p-Diethylbenzene	ND	10	11	110		10	11	110	0	70-130	20
p-Ethyltoluene	ND	10	11	110		10	11	110	0	70-130	20
1,2,4,5-Tetramethylbenzene	ND	10	11	110		10	11	110	0	70-130	20
Ethyl ether	ND	10	11	110		10	11	110	0	59-134	20
trans-1,4-Dichloro-2-butene	ND	10	1.9J	19	Q	10	2.2J	22	Q 15	70-130	20

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2026\260127AICAL\
Data File : VG260127A18.D
Acq On : 28 Jan 2026 12:07 am
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG2169822,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 28 14:37:27 2026
Quant Method : K:\Gonzo\2026\260127AICAL\G_260127A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 28 14:34:14 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	106	0.00
2	TP	Dichlorodifluoromethane		0.305	0.198	35.1#	65	0.00
3	TP	Chloromethane		0.237	0.211	11.0	96	0.00
4	TP	Vinyl chloride		0.263	0.231	12.2	87	0.00
5	TP	Bromomethane		0.262	0.219	16.4	85	0.00
6	TP	Chloroethane		0.189	0.155	18.0	78	0.00
7	TP	Trichlorofluoromethane	*	10.000	8.035	19.6	86	0.00
8	TP	Ethyl ether		0.115	0.098	14.8	91	0.00
10	TP	1,1-Dichloroethene		0.217	0.192	11.5	93	0.00
11	TP	Carbon disulfide		0.695	0.511	26.5#	77	0.00
12	TP	Freon-113		0.227	0.207	8.8	96	0.00
13	TP	Iodomethane	*	10.000	7.297	27.0#	101	0.00
14	TP	Acrolein		0.010	0.015	-50.0#	162	0.00
15	TP	Methylene chloride		0.247	0.218	11.7	94	0.00
17	TP	Acetone		0.037	0.028	24.3#	84	0.00
18	TP	trans-1,2-Dichloroethene		0.243	0.218	10.3	97	0.00
19	TP	Methyl acetate		0.078	0.064	17.9	87	0.00
20	TP	Methyl tert-butyl ether		0.582	0.466	19.9	84	0.00
21	TP	tert-Butyl alcohol		0.013	0.010	23.1#	83	0.00
22	TP	Diisopropyl ether		0.625	0.520	16.8	89	0.00
23	TP	1,1-Dichloroethane		0.416	0.376	9.6	94	0.00
24	TP	Halothane		0.198	0.182	8.1	93	0.00
25	TP	Acrylonitrile		0.044	0.033	25.0#	77	0.01
26	TP	Ethyl tert-butyl ether		0.592	0.495	16.4	87	0.00
27	TP	Vinyl acetate		0.387	0.245	36.7#	70	0.00
28	TP	cis-1,2-Dichloroethene		0.279	0.248	11.1	91	0.00
29	TP	2,2-Dichloropropane		0.350	0.291	16.9	86	0.00
30	TP	Bromochloromethane		0.122	0.114	6.6	91	0.00
31	TP	Cyclohexane	*	10.000	8.540	14.6	89	0.00
32	TP	Chloroform		0.445	0.398	10.6	98	0.00
33	TP	Ethyl acetate		0.130	0.103	20.8#	86	0.00
34	TP	Carbon tetrachloride		0.370	0.332	10.3	93	0.00
35	TP	Tetrahydrofuran		0.042	0.035	16.7	86	0.00
36	S	Dibromofluoromethane		0.260	0.259	0.4	106	0.00
37	TP	1,1,1-Trichloroethane		0.405	0.372	8.1	95	0.00
39	TP	2-Butanone		0.054	0.040	25.9#	88	0.00
40	TP	1,1-Dichloropropene		0.320	0.306	4.4	96	0.00
41	TP	Benzene		0.987	0.902	8.6	93	0.00
42	TP	tert-Amyl methyl ether		0.592	0.472	20.3#	85	0.00

Data Path : K:\Gonzo\2026\260127AICAL\
Data File : VG260127A18.D
Acq On : 28 Jan 2026 12:07 am
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG2169822,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 28 14:37:27 2026
Quant Method : K:\Gonzo\2026\260127AICAL\G_260127A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jan 28 14:34:14 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	S	1,2-Dichloroethane-d4	0.257	0.260	-1.2	101	0.00
44	TP	1,2-Dichloroethane	0.275	0.249	9.5	93	0.00
47	TP	Methyl cyclohexane	* 10.000	8.418	15.8	89	0.00
48	TP	Trichloroethene	0.278	0.255	8.3	96	0.00
50	TP	Dibromomethane	0.134	0.119	11.2	91	0.00
51	TP	1,2-Dichloropropane	0.231	0.213	7.8	94	0.00
53	TP	2-Chloroethyl vinyl ether	* 10.000	6.890	31.1#	75	0.00
54	TP	Bromodichloromethane	0.346	0.303	12.4	93	0.00
57	TP	1,4-Dioxane	0.00171	0.00146#	14.6	88	0.00
58	TP	cis-1,3-Dichloropropene	0.370	0.338	8.6	92	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
60	S	Toluene-d8	1.265	1.267	-0.2	104	0.00
61	TP	Toluene	0.835	0.764	8.5	96	0.00
62	TP	4-Methyl-2-pentanone	0.060	0.047	21.7#	87	0.00
63	TP	Tetrachloroethene	0.389	0.373	4.1	98	0.00
65	TP	trans-1,3-Dichloropropene	0.397	0.361	9.1	92	0.00
67	TP	Ethyl methacrylate	* 10.000	7.414	25.9#	84	0.00
68	TP	1,1,2-Trichloroethane	0.201	0.177#	11.9	93	0.00
69	TP	Chlorodibromomethane	0.325	0.290	10.8	94	0.00
70	TP	1,3-Dichloropropane	0.406	0.362	10.8	93	0.00
71	TP	1,2-Dibromoethane	0.238	0.217	8.8	93	0.00
72	TP	2-Hexanone	0.101	0.078	22.8#	87	0.00
73	TP	Chlorobenzene	0.947	0.892	5.8	97	0.00
74	TP	Ethylbenzene	1.615	1.496	7.4	95	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.343	0.311	9.3	96	0.00
76	TP	p/m Xylene	0.652	0.603	7.5	96	0.00
77	TP	o Xylene	0.629	0.569	9.5	93	0.00
78	TP	Styrene	1.042	0.944	9.4	95	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
80	TP	Bromoform	0.353	0.306	13.3	94	0.00
82	TP	Isopropylbenzene	2.883	2.629	8.8	95	0.00
83	S	4-Bromofluorobenzene	0.820	0.821	-0.1	105	0.00
84	TP	Bromobenzene	0.738	0.680	7.9	96	0.00
85	TP	n-Propylbenzene	3.333	3.113	6.6	97	0.00
86	TP	1,4-Dichlorobutane	0.608	0.529	13.0	92	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.461	0.403	12.6	90	0.00
88	TP	4-Ethyltoluene	2.816	2.595	7.8	95	0.00

Calibration Verification Summary
Form 7
Volatiles

Client	: AKRF, Inc.		Lab Number	: L2610915	
Project Name	: BUD NORTH		Project Number	: 200112	
Instrument ID	: GONZO		Calibration Date	: 03/04/26 07:28	
Lab File ID	: VG260304A02		Init. Calib. Date(s)	: 01/27/26	01/27/26
Sample No	: WG2181420-2		Init. Calib. Times	: 17:27	21:54
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	90	0
Dichlorodifluoromethane	0.305	0.332	-	-8.9	20	93	0
Chloromethane	0.237	0.26	-	-9.7	20	100	0
Vinyl chloride	0.263	0.302	-	-14.8	20	97	0
Bromomethane	0.262	0.195	-	25.6*	20	64	0
Chloroethane	0.189	0.213	-	-12.7	20	90	0
Trichlorofluoromethane	10	9.576	-	4.2	20	88	0
Ethyl ether	0.115	0.111	-	3.5	20	87	0
1,1-Dichloroethene	0.217	0.212	-	2.3	20	87	0
Carbon disulfide	0.695	0.784	-	-12.8	20	101	0
Freon-113	0.227	0.229	-	-0.9	20	90	0
Acrolein	0.0101	0.00601*	-	40.5*	20	56	0
Methylene chloride	0.247	0.264	-	-6.9	20	96	0
Acetone	0.037	0.036	-	2.7	20	91	0
trans-1,2-Dichloroethene	0.243	0.241	-	0.8	20	91	0
Methyl acetate	0.078	0.089	-	-14.1	20	102	0
Methyl tert-butyl ether	0.582	0.528	-	9.3	20	80	0
tert-Butyl alcohol	0.013	0.011	-	15.4	20	72	0
Diisopropyl ether	0.625	0.746	-	-19.4	20	108	0
1,1-Dichloroethane	0.416	0.477	-	-14.7	20	101	0
Halothane	0.198	0.198	-	0	20	86	0
Acrylonitrile	0.044	0.044	-	0	20	87	0
Ethyl tert-butyl ether	0.592	0.569	-	3.9	20	85	0
Vinyl acetate	0.387	0.444	-	-14.7	20	107	0
cis-1,2-Dichloroethene	0.279	0.279	-	0	20	87	0
2,2-Dichloropropane	0.35	0.362	-	-3.4	20	91	0
Bromochloromethane	0.122	0.124	-	-1.6	20	84	0
Cyclohexane	10	10.41	-	-4.1	20	95	0
Chloroform	0.445	0.473	-	-6.3	20	98	0
Ethyl acetate	0.13	0.14	-	-7.7	20	99	0
Carbon tetrachloride	0.37	0.351	-	5.1	20	83	0
Tetrahydrofuran	0.042	0.05	-	-19	20	104	0
Dibromofluoromethane	0.26	0.255	-	1.9	20	88	0
1,1,1-Trichloroethane	0.405	0.406	-	-0.2	20	88	0
2-Butanone	0.054	0.055	-	-1.9	20	103	0
1,1-Dichloropropene	0.32	0.34	-	-6.3	20	90	0
Benzene	0.987	1.081	-	-9.5	20	94	0
tert-Amyl methyl ether	0.592	0.486	-	17.9	20	74	0
1,2-Dichloroethane-d4	0.257	0.313	-	-21.8*	20	103	0
1,2-Dichloroethane	0.275	0.312	-	-13.5	20	99	0
Methyl cyclohexane	10	9.743	-	2.6	20	89	0
Trichloroethene	0.278	0.275	-	1.1	20	87	0
Dibromomethane	0.134	0.136	-	-1.5	20	88	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: AKRF, Inc.		**Lab Number**	: L2610915	
Project Name	: BUD NORTH		**Project Number**	: 200112	
Instrument ID	: GONZO		**Calibration Date**	: 03/04/26 07:28	
Lab File ID	: VG260304A02		**Init. Calib. Date(s)**	: 01/27/26	01/27/26
Sample No	: WG2181420-2		**Init. Calib. Times**	: 17:27	21:54
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	10	10.024	-	-0.2	20	88	0
1,2-Dichlorobenzene	1.248	1.223	-	2	20	81	0
1,2,4,5-Tetramethylbenzene	1.992	1.346	-	32.4*	20	63	0
1,2-Dibromo-3-chloropropan	10	8.662	-	13.4	20	84	0
1,3,5-Trichlorobenzene	0.845	0.774	-	8.4	20	78	0
Hexachlorobutadiene	10	8.892	-	11.1	20	86	0
1,2,4-Trichlorobenzene	0.624	0.518	-	17	20	74	0
Naphthalene	10	7.002	-	30*	20	63	0
1,2,3-Trichlorobenzene	0.463	0.384*	-	17.1	20	73	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: AKRF, Inc.	**Lab Number**	: L2610915
Project Name	: BUD NORTH	**Project Number**	: 200112
Instrument ID	: VOA105	**Calibration Date**	: 03/04/26 08:18
Lab File ID	: V05260304A04	**Init. Calib. Date(s)**	: 02/09/26 02/10/26
Sample No	: WG2181412-2	**Init. Calib. Times**	: 21:46 02:01
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	70	0
Dichlorodifluoromethane	0.315	0.393	-	-24.8*	20	84	0
Chloromethane	0.429	0.272	-	36.6*	20	44	0
Vinyl chloride	0.328	0.332	-	-1.2	20	64	0
Bromomethane	0.117	0.102	-	12.8	20	62	0
Chloroethane	0.165	0.193	-	-17	20	74	0
Trichlorofluoromethane	0.291	0.467	-	-60.5*	20	98	0
Ethyl ether	0.108	0.109	-	-0.9	20	71	0
1,1-Dichloroethene	0.173	0.207	-	-19.7	20	79	0
Carbon disulfide	0.629	0.707	-	-12.4	20	75	0
Methylene chloride	0.249	0.251	-	-0.8	20	69	0
Acetone	0.059	0.04	-	32.2*	20	49	0
trans-1,2-Dichloroethene	0.235	0.254	-	-8.1	20	71	0
Methyl tert-butyl ether	0.52	0.534	-	-2.7	20	71	0
1,1-Dichloroethane	0.533	0.51	-	4.3	20	64	0
Acrylonitrile	0.079	0.059	-	25.3*	20	56	0
Vinyl acetate	0.515	0.415	-	19.4	20	64	0
cis-1,2-Dichloroethene	0.258	0.278	-	-7.8	20	72	0
2,2-Dichloropropane	0.375	0.384	-	-2.4	20	68	0
Bromochloromethane	0.105	0.118	-	-12.4	20	73	0
Chloroform	0.437	0.506	-	-15.8	20	79	0
Carbon tetrachloride	0.312	0.408	-	-30.8*	20	84	0
Dibromofluoromethane	0.255	0.277	-	-8.6	20	75	0
1,1,1-Trichloroethane	0.362	0.464	-	-28.2*	20	84	0
2-Butanone	0.095	0.05	-	47.4*	20	37	0
1,1-Dichloropropene	0.338	0.385	-	-13.9	20	74	0
Benzene	1.005	1.064	-	-5.9	20	69	0
1,2-Dichloroethane-d4	0.332	0.376	-	-13.3	20	77	0
1,2-Dichloroethane	0.34	0.377	-	-10.9	20	76	0
Trichloroethene	0.252	0.274	-	-8.7	20	74	0
Dibromomethane	0.13	0.138	-	-6.2	20	74	0
1,2-Dichloropropane	0.3	0.261	-	13	20	60	0
Bromodichloromethane	0.334	0.351	-	-5.1	20	74	0
1,4-Dioxane	0.00162	0.00095*	-	41.4*	20	41	0
cis-1,3-Dichloropropene	0.396	0.374	-	5.6	20	64	0
Chlorobenzene-d5	1	1	-	0	20	72	0
Toluene-d8	1.335	1.347	-	-0.9	20	72	0
Toluene	0.798	0.868	-	-8.8	20	75	0
4-Methyl-2-pentanone	0.101	0.06	-	40.6*	20	43	0
Tetrachloroethene	0.323	0.397	-	-22.9*	20	79	0
trans-1,3-Dichloropropene	0.443	0.41	-	7.4	20	63	0
Ethyl methacrylate	0.314	0.263	-	16.2	20	58	0
1,1,2-Trichloroethane	0.21	0.201	-	4.3	20	67	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: AKRF, Inc.	Lab Number	: L2610915
Project Name	: BUD NORTH	Project Number	: 200112
Instrument ID	: VOA105	Calibration Date	: 03/04/26 08:18
Lab File ID	: V05260304A04	Init. Calib. Date(s)	: 02/09/26 02/10/26
Sample No	: WG2181412-2	Init. Calib. Times	: 21:46 02:01
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Chlorodibromomethane	0.281	0.294	-	-4.6	20	74	0
1,3-Dichloropropane	0.459	0.44	-	4.1	20	67	0
1,2-Dibromoethane	0.24	0.223	-	7.1	20	65	0
2-Hexanone	0.192	0.101	-	47.4*	20	40	0
Chlorobenzene	0.867	0.931	-	-7.4	20	75	0
Ethylbenzene	1.557	1.732	-	-11.2	20	76	0
1,1,1,2-Tetrachloroethane	0.295	0.317	-	-7.5	20	74	0
p/m Xylene	0.578	0.631	-	-9.2	20	75	0
o Xylene	0.562	0.594	-	-5.7	20	72	0
Styrene	0.914	0.978	-	-7	20	73	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	79	0
Bromoform	0.318	0.292	-	8.2	20	72	0
Isopropylbenzene	3.024	3.141	-	-3.9	20	79	0
4-Bromofluorobenzene	0.999	0.898	-	10.1	20	71	0
Bromobenzene	0.646	0.652	-	-0.9	20	80	0
n-Propylbenzene	3.362	3.593	-	-6.9	20	81	0
1,4-Dichlorobutane	1.031	0.802	-	22.2*	20	61	0
1,1,2,2-Tetrachloroethane	0.54	0.457	-	15.4	20	68	0
4-Ethyltoluene	2.752	2.833	-	-2.9	20	78	0
2-Chlorotoluene	2.011	2.126	-	-5.7	20	81	0
1,3,5-Trimethylbenzene	2.372	2.464	-	-3.9	20	80	0
1,2,3-Trichloropropane	0.446	0.407	-	8.7	20	73	0
trans-1,4-Dichloro-2-buten	0.21	0.151	-	28.1*	20	58	0
4-Chlorotoluene	2.083	2.13	-	-2.3	20	79	0
tert-Butylbenzene	1.943	2.071	-	-6.6	20	82	0
1,2,4-Trimethylbenzene	2.326	2.393	-	-2.9	20	79	0
sec-Butylbenzene	2.848	3.036	-	-6.6	20	82	0
p-Isopropyltoluene	2.417	2.633	-	-8.9	20	83	0
1,3-Dichlorobenzene	1.226	1.29	-	-5.2	20	82	0
1,4-Dichlorobenzene	1.262	1.315	-	-4.2	20	81	0
p-Diethylbenzene	1.425	1.492	-	-4.7	20	82	0
n-Butylbenzene	2.162	2.391	-	-10.6	20	85	0
1,2-Dichlorobenzene	1.124	1.151	-	-2.4	20	80	0
1,2,4,5-Tetramethylbenzene	2.122	2.117	-	0.2	20	78	0
1,2-Dibromo-3-chloropropan	0.077	0.063	-	18.2	20	66	0
Hexachlorobutadiene	0.305	0.386	-	-26.6*	20	100	0
1,2,4-Trichlorobenzene	0.718	0.754	-	-5	20	82	0
Naphthalene	1.502	1.294	-	13.8	20	68	0
1,2,3-Trichlorobenzene	0.594	0.617	-	-3.9	20	81	0

* Value outside of QC limits.

Laboratory Control Sample Summary
Form 3
Petroleum

Client	: AKRF, Inc.	**Lab Number**	: L2610915
Project Name	: BUD NORTH	**Project Number**	: 200112
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2183080-2	**Analysis Date** : 03/11/26 07:52	**File ID** : F1703072662
LCSD Sample ID	: WG2183080-3	**Analysis Date** : 03/11/26 09:20	**File ID** : F1703072664

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Nonane (C9)	50	19.75000	40	Q	50	18.13100	36	Q	11	50-130	30
Decane (C10)	50	22.73000	45	Q	50	20.67300	41	Q	9	50-130	30
Dodecane (C12)	50	26.852000	54		50	27.020000	54		0	50-130	30
Tetradecane (C14)	50	38.603000	77		50	41.049000	82		6	50-130	30
Hexadecane (C16)	50	45.37000	91		50	47.46300	95		4	50-130	30
Octadecane (C18)	50	49.94100	100		50	51.22900	102		2	50-130	30
Nonadecane (C19)	50	48.06200	96		50	49.26000	98		2	50-130	30
Eicosane (C20)	50	49.92900	100		50	51.03500	102		2	50-130	30
Docosane (C22)	50	48.74000	97		50	49.70200	99		2	50-130	30
Tetracosane (C24)	50	48.93700	98		50	49.86800	100		2	50-130	30
Hexacosane (C26)	50	49.00100	98		50	49.51500	99		1	50-130	30
Octacosane (C28)	50	51.18000	102		50	51.76500	104		2	50-130	30
Triacontane (C30)	50	49.21100	98		50	49.34100	99		1	50-130	30
Hexatriacontane (C36)	50	52.43000	105		50	51.90500	104		1	50-130	30

Matrix Spike Sample Summary
Form 3
Petroleum

Client	: AKRF, Inc.	**Lab Number**	: L2610915
Project Name	: BUD NORTH	**Project Number**	: 200112
Client Sample ID	: MW-01_20260302	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2610915-06	**Analysis Date**	: 03/11/26 18:09
Matrix Spike	: WG2183080-4	**MS Analysis Date**	: 03/11/26 19:37
Matrix Spike Dup	: WG2183080-5	**MSD Analysis Date**	: 03/11/26 21:06

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	**Sample Conc. (ug/l)**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**		**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**RPD**		**Recovery Limits**	**RPD Limit**
Nonane (C9)	ND	50.8	18.90457	37	Q	48.8	28.24878	58	40	Q	50-150	30
Decane (C10)	ND	50.8	22.78782	45	Q	48.8	33.75610	69	39	Q	50-150	30
Dodecane (C12)	1.0852941	50.8	28.140102	53		48.8	40.000000	80	35	Q	50-150	30
Tetradecane (C14)	ND	50.8	36.568528	72		48.8	45.317073	93	21		50-150	30
Hexadecane (C16)	ND	50.8	37.29442	73		48.8	38.01658	78	2		50-150	30
Octadecane (C18)	7.827451G	50.8	55.35533	94		48.8	68.14146	124	21		50-150	30
Nonadecane (C19)	ND	50.8	43.43553	86		48.8	51.23512	105	16		50-150	30
Eicosane (C20)	ND	50.8	45.19797	89		48.8	53.68000	110	17		50-150	30
Docosane (C22)	ND	50.8	44.14416	87		48.8	51.36976	105	15		50-150	30
Tetracosane (C24)	0.2921569J	50.8	44.44670	88		48.8	51.14244	105	14		50-150	30
Hexacosane (C26)	ND	50.8	44.23858	87		48.8	50.46146	103	13		50-150	30
Octacosane (C28)	ND	50.8	46.14112	91		48.8	52.26536	107	12		50-150	30
Triacontane (C30)	ND	50.8	44.21929	87		48.8	49.88878	102	12		50-150	30
Hexatriacontane (C36)	ND	50.8	47.11980	93		48.8	52.63024	108	11		50-150	30

Results Summary
Form 1
Diesel/Other Range Organics by GC-FID

Client	: AKRF, Inc.	Lab Number	: L2610915
Project Name	: BUD NORTH	Project Number	: 200112
Lab ID	: WG2183080-1	Date Collected	: NA
Client ID	: WG2183080-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/11/26 06:22
Sample Matrix	: WATER	Date Extracted	: 03/09/26
Analytical Method	: 1,8015D(M)	Dilution Factor	: 1
Lab File ID	: F1703072660	Analyst	: WRR
Sample Amount	: 1000 ml	Instrument ID	: FID17
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Total Petroleum Hydrocarbons (C9-C44)	ND	33.0	27.7	U
NONE	DRO (C10-C28)	ND	30.0	19.0	U
NONE	ORO (C28-C40)	5.52	11.0	2.74	J

ANALYTICAL REPORT

Lab Number:	L2610915
Client:	AKRF, Inc. 440 Park Avenue South 7th Floor New York, NY 10016
ATTN:	Patrick Diggins
Phone:	(646) 388-9784
Project Name:	BUD NORTH
Project Number:	200112
Report Date:	03/17/26

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2610915-01	MW-03_20260302	WATER	2-21 MALT DRIVE	03/02/26 10:56	03/02/26
L2610915-02	FB_20260302	WATER	2-21 MALT DRIVE	03/02/26 12:00	03/02/26
L2610915-03	TB_20260302	WATER	2-21 MALT DRIVE	03/02/26 00:00	03/02/26
L2610915-04	MW-02_20260302	WATER	2-21 MALT DRIVE	03/02/26 12:16	03/02/26
L2610915-05	MW-0X_20260302	WATER	2-21 MALT DRIVE	03/02/26 12:00	03/02/26
L2610915-06	MW-01_20260302	WATER	2-21 MALT DRIVE	03/02/26 13:51	03/02/26

Project Name:	BUD NORTH	**Lab Number:**	L2610915
Project Number:	200112	**Report Date:**	03/17/26

Case Narrative

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

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

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

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

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

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

Project Name:	BUD NORTH	**Lab Number:**	L2610915
Project Number:	200112	**Report Date:**	03/17/26

Case Narrative (continued)

Report Submission

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

Diesel Range & Oil Range Organics

L2610915-01RE, -02RE, -04RE, -05RE, and -06RE: The sample was extracted with the method required holding time exceeded.

The WG2183080-2/-3 LCS/LCSD recoveries associated with L2610915-01, -02, -04, -05, and -06 were outside the acceptance criteria for individual target compounds; however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

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

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 03/17/26

QC OUTLIER SUMMARY REPORT

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Volatile Organics by GC/MS - Westborough Lab								
8260D	Batch QC	WG2181412-3	Trichlorofluoromethane	LCS	160	62-150	01,04-06	potential high bias
8260D	Batch QC	WG2181412-3	2-Butanone	LCS	52	63-138	01,04-06	potential low bias
8260D	Batch QC	WG2181412-3	2-Hexanone	LCS	53	57-130	01,04-06	potential low bias
8260D	Batch QC	WG2181412-4	Trichlorofluoromethane	LCSD	160	62-150	01,04-06	potential high bias
8260D	Batch QC	WG2181412-4	2-Butanone	LCSD	56	63-138	01,04-06	potential low bias
8260D	Batch QC	WG2181412-4	2-Hexanone	LCSD	53	57-130	01,04-06	potential low bias
8260D	Batch QC (L2610915-06)	WG2181412-6	Carbon tetrachloride	MS	160	63-132	01,04-06	potential high bias
8260D	Batch QC (L2610915-06)	WG2181412-6	Trichlorofluoromethane	MS	180	62-150	01,04-06	potential high bias
8260D	Batch QC (L2610915-06)	WG2181412-6	1,1,1-Trichloroethane	MS	150	67-130	01,04-06	potential high bias
8260D	Batch QC (L2610915-06)	WG2181412-6	Chloroethane	MS	140	55-138	01,04-06	potential high bias
8260D	Batch QC (L2610915-06)	WG2181412-6	trans-1,4-Dichloro-2-butene	MS	19	70-130	01,04-06	potential low bias
8260D	Batch QC (L2610915-06)	WG2181412-7	Carbon tetrachloride	MSD	150	63-132	01,04-06	potential high bias
8260D	Batch QC (L2610915-06)	WG2181412-7	Trichlorofluoromethane	MSD	170	62-150	01,04-06	potential high bias
8260D	Batch QC (L2610915-06)	WG2181412-7	1,1,1-Trichloroethane	MSD	140	67-130	01,04-06	potential high bias
8260D	Batch QC (L2610915-06)	WG2181412-7	trans-1,4-Dichloro-2-butene	MSD	22	70-130	01,04-06	potential low bias
8260D	Batch QC	WG2181420-3	1,2,4,5-Tetramethylbenzene	LCS	68	70-130	02-03	potential low bias
8260D	Batch QC	WG2181420-4	1,2,4,5-Tetramethylbenzene	LCSD	66	70-130	02-03	potential low bias
Diesel/Other Range Organics by GC-FID - Mansfield Lab								
8015D(M)	Batch QC	WG2183080-2	Nonane (C9)	LCS	40	50-130	01-02,04-06	potential low bias
8015D(M)	Batch QC	WG2183080-2	Decane (C10)	LCS	45	50-130	01-02,04-06	potential low bias
8015D(M)	Batch QC	WG2183080-3	Nonane (C9)	LCSD	36	50-130	01-02,04-06	potential low bias
8015D(M)	Batch QC	WG2183080-3	Decane (C10)	LCSD	41	50-130	01-02,04-06	potential low bias
8015D(M)	Batch QC (L2610915-06)	WG2183080-4	Nonane (C9)	MS	37	50-150	01-02,04-06	potential low bias
8015D(M)	Batch QC (L2610915-06)	WG2183080-4	Decane (C10)	MS	45	50-150	01-02,04-06	potential low bias
8015D(M)	Batch QC (L2610915-06)	WG2183080-5	Nonane (C9)	MSD	40	50-150	01-02,04-06	non-directional bias

QC OUTLIER SUMMARY REPORT

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
8015D(M)	Batch QC (L2610915-06)	WG2183080-5	Decane (C10)	MSD	39	50-150	01-02,04-06	non-directional bias
8015D(M)	Batch QC (L2610915-06)	WG2183080-5	Dodecane (C12)	MSD	35	50-150	01-02,04-06	non-directional bias
8015D(M)	Batch QC (L2610915-06)	WG2184396-4	Nonane (C9)	MS	48	50-150	01-02,04-06	potential low bias
8015D(M)	Batch QC (L2610915-06)	WG2184396-5	Nonane (C9)	MSD	48	50-150	01-02,04-06	potential low bias

ORGANICS

VOLATILES

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-01
Client ID: MW-03_20260302
Sample Location: 2-21 MALT DRIVE
Date Collected: 03/02/26 10:56
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/04/26 10:51
Analyst: BAD

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

Project Name: BUD NORTH **Lab Number:** L2610915

Project Number: 200112 **Report Date:** 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-01 Date Collected: 03/02/26 10:56

Client ID: MW-03_20260302 Date Received: 03/02/26

Sample Location: 2-21 MALT DRIVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-01
Client ID: MW-03_20260302
Sample Location: 2-21 MALT DRIVE
Date Collected: 03/02/26 10:56
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	112		70-130

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-02
Client ID: FB_20260302
Sample Location: 2-21 MALT DRIVE
Date Collected: 03/02/26 12:00
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/04/26 09:15
Analyst: BAD

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

Project Name: BUD NORTH **Lab Number:** L2610915

Project Number: 200112 **Report Date:** 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-02 Date Collected: 03/02/26 12:00

Client ID: FB_20260302 Date Received: 03/02/26

Sample Location: 2-21 MALT DRIVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: BUD NORTH **Lab Number:** L2610915

Project Number: 200112 **Report Date:** 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-02 Date Collected: 03/02/26 12:00

Client ID: FB_20260302 Date Received: 03/02/26

Sample Location: 2-21 MALT DRIVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-03
Client ID: TB_20260302
Sample Location: 2-21 MALT DRIVE
Date Collected: 03/02/26 00:00
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/04/26 09:43
Analyst: BAD

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

Project Name: BUD NORTH **Lab Number:** L2610915

Project Number: 200112 **Report Date:** 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-03 Date Collected: 03/02/26 00:00

Client ID: TB_20260302 Date Received: 03/02/26

Sample Location: 2-21 MALT DRIVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: BUD NORTH **Lab Number:** L2610915

Project Number: 200112 **Report Date:** 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-03 Date Collected: 03/02/26 00:00

Client ID: TB_20260302 Date Received: 03/02/26

Sample Location: 2-21 MALT DRIVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-04
Client ID: MW-02_20260302
Sample Location: 2-21 MALT DRIVE
Date Collected: 03/02/26 12:16
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/04/26 11:16
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	2.3		ug/l	0.50	0.16	1
Toluene	1.4	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: BUD NORTH **Lab Number:** L2610915

Project Number: 200112 **Report Date:** 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-04 Date Collected: 03/02/26 12:16

Client ID: MW-02_20260302 Date Received: 03/02/26

Sample Location: 2-21 MALT DRIVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	0.80	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	0.80	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	12		ug/l	2.5	0.70	1

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-04
Client ID: MW-02_20260302
Sample Location: 2-21 MALT DRIVE
Date Collected: 03/02/26 12:16
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	114		70-130

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-05
Client ID: MW-0X_20260302
Sample Location: 2-21 MALT DRIVE
Date Collected: 03/02/26 12:00
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/04/26 11:41
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	2.2		ug/l	0.50	0.16	1
Toluene	1.3	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: BUD NORTH **Lab Number:** L2610915

Project Number: 200112 **Report Date:** 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-05 Date Collected: 03/02/26 12:00

Client ID: MW-0X_20260302 Date Received: 03/02/26

Sample Location: 2-21 MALT DRIVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	0.78	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	0.78	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	11		ug/l	2.5	0.70	1

Project Name: BUD NORTH **Lab Number:** L2610915

Project Number: 200112 **Report Date:** 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-05 Date Collected: 03/02/26 12:00

Client ID: MW-0X_20260302 Date Received: 03/02/26

Sample Location: 2-21 MALT DRIVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	113		70-130

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-06
Client ID: MW-01_20260302
Sample Location: 2-21 MALT DRIVE
Date Collected: 03/02/26 13:51
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/04/26 12:07
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	5.2		ug/l	0.50	0.16	1
Toluene	0.76	J	ug/l	2.5	0.70	1
Ethylbenzene	0.78	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: BUD NORTH **Lab Number:** L2610915

Project Number: 200112 **Report Date:** 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-06 Date Collected: 03/02/26 13:51

Client ID: MW-01_20260302 Date Received: 03/02/26

Sample Location: 2-21 MALT DRIVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	0.73	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	0.73	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	1.4	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	18		ug/l	2.5	0.70	1

Project Name: BUD NORTH **Lab Number:** L2610915

Project Number: 200112 **Report Date:** 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-06 Date Collected: 03/02/26 13:51

Client ID: MW-01_20260302 Date Received: 03/02/26

Sample Location: 2-21 MALT DRIVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	112		70-130

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/26 09:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-06 Batch: WG2181412-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/26 09:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-06 Batch: WG2181412-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/26 09:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-06 Batch: WG2181412-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/26 09:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-06 Batch: WG2181412-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	111		70-130

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/26 08:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG2181420-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/26 08:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG2181420-5					
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/26 08:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG2181420-5					
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/26 08:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG2181420-5					
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-06 Batch: WG2181412-3 WG2181412-4								
Methylene chloride	100		97		70-130	3		20
1,1-Dichloroethane	96		95		70-130	1		20
Chloroform	120		110		70-130	9		20
Carbon tetrachloride	130		130		63-132	0		20
1,2-Dichloropropane	87		86		70-130	1		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	96		96		70-130	0		20
Tetrachloroethene	120		120		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	**160**	Q	**160**	Q	62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	130		130		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	92		95		70-130	3		20
cis-1,3-Dichloropropene	94		96		70-130	2		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	92		93		54-136	1		20
1,1,2,2-Tetrachloroethane	85		86		67-130	1		20
Benzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-06 Batch: WG2181412-3 WG2181412-4								
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	64		65		64-130	2		20
Bromomethane	87		92		39-139	6		20
Vinyl chloride	100		100		55-140	0		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	110		110		70-130	0		20
1,2,3-Trichloropropane	91		92		64-130	1		20
Acrylonitrile	75		72		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-06 Batch: WG2181412-3 WG2181412-4								
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	68		71		58-148	4		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	**52**	Q	**56**	Q	63-138	7		20
Vinyl acetate	80		84		70-130	5		20
4-Methyl-2-pentanone	59		62		59-130	5		20
2-Hexanone	**53**	Q	**53**	Q	57-130	0		20
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	93		97		70-130	4		20
1,3-Dichloropropane	96		98		70-130	2		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-06 Batch: WG2181412-3 WG2181412-4								
1,2-Dibromo-3-chloropropane	82		82		41-144	0		20
Hexachlorobutadiene	130		120		63-130	8		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	86		88		70-130	2		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	100		110		70-130	10		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	58		58		56-162	0		20
p-Diethylbenzene	100		100		70-130	0		20
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		99		70-130	1		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	72		73		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-06 Batch: WG2181412-3 WG2181412-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		114		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	108		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG2181420-3 WG2181420-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	95		95		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	97		97		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		97		70-130	3		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	96		91		62-150	5		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		96		67-130	4		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		100		70-130	10		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	96		92		54-136	4		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	110		110		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG2181420-3 WG2181420-4								
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	75		70		39-139	7		20
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	98		100		61-145	2		20
trans-1,2-Dichloroethene	99		100		70-130	1		20
Trichloroethene	99		96		70-130	3		20
1,2-Dichlorobenzene	98		98		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	98		96		70-130	2		20
Methyl tert butyl ether	91		92		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	100		110		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG2181420-3 WG2181420-4								
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	97		92		58-148	5		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	100		100		63-138	0		20
Vinyl acetate	110		120		70-130	9		20
4-Methyl-2-pentanone	93		100		59-130	7		20
2-Hexanone	95		100		57-130	5		20
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	100		110		63-133	10		20
1,2-Dibromoethane	98		100		70-130	2		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	98		98		64-130	0		20
Bromobenzene	95		95		70-130	0		20
n-Butylbenzene	100		97		53-136	3		20
sec-Butylbenzene	93		93		70-130	0		20
tert-Butylbenzene	100		98		70-130	2		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG2181420-3 WG2181420-4								
1,2-Dibromo-3-chloropropane	87		85		41-144	2		20
Hexachlorobutadiene	89		90		63-130	1		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	98		97		70-130	1		20
Naphthalene	70		70		70-130	0		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	83		85		70-130	2		20
1,2,4-Trichlorobenzene	83		81		70-130	2		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		98		70-130	2		20
1,4-Dioxane	84		92		56-162	9		20
p-Diethylbenzene	88		87		70-130	1		20
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	**68**	Q	**66**	Q	70-130	3		20
Ethyl ether	96		100		59-134	4		20
trans-1,4-Dichloro-2-butene	110		120		70-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03 Batch: WG2181420-3 WG2181420-4

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	122		118		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	98		101		70-130
Dibromofluoromethane	98		99		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-06 QC Batch ID: WG2181412-6 WG2181412-7 QC Sample: L2610915-06 Client ID: MW-01_20260302												
Methylene chloride	ND	10	11	110		10	100		70-130	10		20
1,1-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
Chloroform	ND	10	12	120		12	120		70-130	0		20
Carbon tetrachloride	ND	10	16	**160**	Q	15	**150**	Q	63-132	6		20
1,2-Dichloropropane	ND	10	9.6	96		9.2	92		70-130	4		20
Dibromochloromethane	ND	10	11	110		11	110		63-130	0		20
1,1,2-Trichloroethane	ND	10	11	110		10	100		70-130	10		20
Tetrachloroethene	ND	10	13	130		13	130		70-130	0		20
Chlorobenzene	ND	10	12	120		12	120		75-130	0		20
Trichlorofluoromethane	ND	10	18	**180**	Q	17	**170**	Q	62-150	6		20
1,2-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
1,1,1-Trichloroethane	ND	10	15	**150**	Q	14	**140**	Q	67-130	7		20
Bromodichloromethane	ND	10	12	120		11	110		67-130	9		20
trans-1,3-Dichloropropene	ND	10	10	100		9.8	98		70-130	2		20
cis-1,3-Dichloropropene	ND	10	10	100		9.9	99		70-130	1		20
1,1-Dichloropropene	ND	10	13	130		12	120		70-130	8		20
Bromoform	ND	10	9.6	96		9.4	94		54-136	2		20
1,1,2,2-Tetrachloroethane	ND	10	9.0	90		9.0	90		67-130	0		20
Benzene	5.2	10	17	118		17	118		70-130	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-06 QC Batch ID: WG2181412-6 WG2181412-7 QC Sample: L2610915-06 Client ID: MW-01_20260302												
Toluene	0.76J	10	13	130		12	120		70-130	8		20
Ethylbenzene	0.78J	10	13	130		13	130		70-130	0		20
Chloromethane	ND	10	9.1	91		8.3	83		64-130	9		20
Bromomethane	ND	10	6.1	61		6.5	65		39-139	6		20
Vinyl chloride	ND	10	11	110		12	120		55-140	9		20
Chloroethane	ND	10	14	**140**	Q	13	130		55-138	7		20
1,1-Dichloroethene	ND	10	13	130		13	130		61-145	0		20
trans-1,2-Dichloroethene	ND	10	12	120		12	120		70-130	0		20
Trichloroethene	ND	10	12	120		12	120		70-130	0		20
1,2-Dichlorobenzene	ND	10	11	110		10	100		70-130	10		20
1,3-Dichlorobenzene	ND	10	11	110		11	110		70-130	0		20
1,4-Dichlorobenzene	ND	10	11	110		10	100		70-130	10		20
Methyl tert butyl ether	ND	10	12	120		11	110		63-130	9		20
p/m-Xylene	0.73J	20	25	125		24	120		70-130	4		20
o-Xylene	ND	20	24	120		24	120		70-130	0		20
cis-1,2-Dichloroethene	ND	10	12	120		11	110		70-130	9		20
Dibromomethane	ND	10	12	120		11	110		70-130	9		20
1,2,3-Trichloropropane	ND	10	9.8	98		9.5	95		64-130	3		20
Acrylonitrile	ND	10	8.0	80		7.9	79		70-130	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-06 QC Batch ID: WG2181412-6 WG2181412-7 QC Sample: L2610915-06 Client ID: MW-01_20260302												
Styrene	ND	20	23	115		23	115		70-130	0		20
Dichlorodifluoromethane	ND	10	13	130		12	120		36-147	8		20
Acetone	ND	10	9.1	91		8.3	83		58-148	9		20
Carbon disulfide	1.4J	10	13	130		12	120		51-130	8		20
2-Butanone	ND	10	6.7	67		6.5	65		63-138	3		20
Vinyl acetate	ND	10	9.1	91		8.8	88		70-130	3		20
4-Methyl-2-pentanone	ND	10	7.2	72		7.2	72		59-130	0		20
2-Hexanone	ND	10	6.1	61		5.7	57		57-130	7		20
Bromochloromethane	ND	10	12	120		11	110		70-130	9		20
2,2-Dichloropropane	ND	10	12	120		11	110		63-133	9		20
1,2-Dibromoethane	ND	10	10	100		10	100		70-130	0		20
1,3-Dichloropropane	ND	10	11	110		10	100		70-130	10		20
1,1,1,2-Tetrachloroethane	ND	10	12	120		11	110		64-130	9		20
Bromobenzene	ND	10	10	100		10	100		70-130	0		20
n-Butylbenzene	ND	10	11	110		11	110		53-136	0		20
sec-Butylbenzene	ND	10	11	110		11	110		70-130	0		20
tert-Butylbenzene	ND	10	11	110		11	110		70-130	0		20
o-Chlorotoluene	ND	10	11	110		10	100		70-130	10		20
p-Chlorotoluene	ND	10	11	110		11	110		70-130	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-06 QC Batch ID: WG2181412-6 WG2181412-7 QC Sample: L2610915-06 Client ID: MW-01_20260302												
1,2-Dibromo-3-chloropropane	ND	10	9.2	92		8.6	86		41-144	7		20
Hexachlorobutadiene	ND	10	13	130		13	130		63-130	0		20
Isopropylbenzene	ND	10	11	110		11	110		70-130	0		20
p-Isopropyltoluene	ND	10	12	120		11	110		70-130	9		20
Naphthalene	18	10	29	110		30	120		70-130	3		20
n-Propylbenzene	ND	10	11	110		11	110		69-130	0		20
1,2,3-Trichlorobenzene	ND	10	12	120		11	110		70-130	9		20
1,2,4-Trichlorobenzene	ND	10	11	110		11	110		70-130	0		20
1,3,5-Trimethylbenzene	ND	10	11	110		11	110		64-130	0		20
1,2,4-Trimethylbenzene	ND	10	11	110		11	110		70-130	0		20
1,4-Dioxane	ND	500	280	56		320	64		56-162	13		20
p-Diethylbenzene	ND	10	11	110		11	110		70-130	0		20
p-Ethyltoluene	ND	10	11	110		11	110		70-130	0		20
1,2,4,5-Tetramethylbenzene	ND	10	11	110		11	110		70-130	0		20
Ethyl ether	ND	10	11	110		11	110		59-134	0		20
trans-1,4-Dichloro-2-butene	ND	10	1.9J	**19**	Q	2.2J	**22**	Q	70-130	15		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		116		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-06 QC Batch ID: WG2181412-6 WG2181412-7 QC Sample: L2610915-06
Client ID: MW-01_20260302

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
4-Bromofluorobenzene	88		90		70-130
Dibromofluoromethane	110		107		70-130
Toluene-d8	102		101		70-130

PETROLEUM HYDROCARBONS

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-01
Client ID: MW-03_20260302
Sample Location: 2-21 MALT DRIVE
Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 03/11/26 12:17
Analyst: WRR

Date Collected: 03/02/26 10:56
Date Received: 03/02/26
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/09/26 18:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel/Other Range Organics by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	104		ug/l	32.7	27.4	1
DRO (C10-C28)	82.7		ug/l	29.7	18.8	1
ORO (C28-C40)	20.4		ug/l	10.9	2.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		50-130
d50-Tetracosane	87		50-130

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-01 RE
Client ID: MW-03_20260302
Sample Location: 2-21 MALT DRIVE

Date Collected: 03/02/26 10:56
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 03/14/26 00:40
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/12/26 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel/Other Range Organics by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	85.0		ug/l	32.7	27.4	1
DRO (C10-C28)	56.5		ug/l	29.7	18.8	1
ORO (C28-C40)	22.4		ug/l	10.9	2.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	59		50-130
d50-Tetracosane	62		50-130

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-02
Client ID: FB_20260302
Sample Location: 2-21 MALT DRIVE

Date Collected: 03/02/26 12:00
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 03/11/26 13:45
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/09/26 18:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel/Other Range Organics by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	36.0		ug/l	32.0	26.9	1
DRO (C10-C28)	29.2		ug/l	29.1	18.4	1
ORO (C28-C40)	7.32	J	ug/l	10.7	2.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		50-130
d50-Tetracosane	79		50-130

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-02 RE
Client ID: FB_20260302
Sample Location: 2-21 MALT DRIVE

Date Collected: 03/02/26 12:00
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 03/14/26 02:07
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/12/26 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel/Other Range Organics by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	34.2		ug/l	32.7	27.4	1
DRO (C10-C28)	19.6	J	ug/l	29.7	18.8	1
ORO (C28-C40)	12.0		ug/l	10.9	2.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		50-130
d50-Tetracosane	72		50-130

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-04
Client ID: MW-02_20260302
Sample Location: 2-21 MALT DRIVE

Date Collected: 03/02/26 12:16
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 03/11/26 15:13
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/09/26 18:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel/Other Range Organics by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	403		ug/l	32.0	26.9	1
DRO (C10-C28)	368		ug/l	29.1	18.4	1
ORO (C28-C40)	30.6		ug/l	10.7	2.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		50-130
d50-Tetracosane	86		50-130

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-04 RE
Client ID: MW-02_20260302
Sample Location: 2-21 MALT DRIVE

Date Collected: 03/02/26 12:16
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 03/14/26 03:34
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/12/26 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel/Other Range Organics by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	371		ug/l	33.0	27.7	1
DRO (C10-C28)	336		ug/l	30.0	19.0	1
ORO (C28-C40)	33.7		ug/l	11.0	2.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		50-130
d50-Tetracosane	77		50-130

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-05
Client ID: MW-0X_20260302
Sample Location: 2-21 MALT DRIVE

Date Collected: 03/02/26 12:00
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 03/11/26 16:41
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/09/26 18:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel/Other Range Organics by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	279		ug/l	32.7	27.4	1
DRO (C10-C28)	251		ug/l	29.7	18.8	1
ORO (C28-C40)	22.6		ug/l	10.9	2.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		50-130
d50-Tetracosane	86		50-130

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-05 RE
Client ID: MW-0X_20260302
Sample Location: 2-21 MALT DRIVE

Date Collected: 03/02/26 12:00
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 03/14/26 05:01
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/12/26 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel/Other Range Organics by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	426		ug/l	33.0	27.7	1
DRO (C10-C28)	390		ug/l	30.0	19.0	1
ORO (C28-C40)	35.5		ug/l	11.0	2.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		50-130
d50-Tetracosane	85		50-130

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-06
Client ID: MW-01_20260302
Sample Location: 2-21 MALT DRIVE

Date Collected: 03/02/26 13:51
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 03/11/26 18:09
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/09/26 18:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel/Other Range Organics by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	224		ug/l	32.4	27.2	1
DRO (C10-C28)	192		ug/l	29.4	18.6	1
ORO (C28-C40)	26.0		ug/l	10.8	2.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	69		50-130
d50-Tetracosane	74		50-130

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

SAMPLE RESULTS

Lab ID: L2610915-06 RE
Client ID: MW-01_20260302
Sample Location: 2-21 MALT DRIVE

Date Collected: 03/02/26 13:51
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 03/14/26 10:50
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/12/26 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel/Other Range Organics by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	217		ug/l	32.7	27.4	1
DRO (C10-C28)	190		ug/l	29.7	18.8	1
ORO (C28-C40)	28.8		ug/l	10.9	2.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	73		50-130
d50-Tetracosane	77		50-130

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 03/11/26 06:22
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/09/26 18:50

Parameter	Result	Qualifier	Units	RL	MDL
Diesel/Other Range Organics by GC-FID - Mansfield Lab for sample(s): 01-02,04-06 Batch: WG2183080-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		ug/l	33.0	27.7
DRO (C10-C28)	ND		ug/l	30.0	19.0
ORO (C28-C40)	5.52	J	ug/l	11.0	2.74

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		50-130
d50-Tetracosane	81		50-130

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 03/12/26 18:07
Analyst: WRR

Extraction Method: EPA 3510C
Extraction Date: 03/12/26 12:00

Parameter	Result	Qualifier	Units	RL	MDL
Diesel/Other Range Organics by GC-FID - Mansfield Lab for sample(s): 01-02,04-06 Batch: WG2184396-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		ug/l	33.0	27.7
DRO (C10-C28)	25.7	J	ug/l	30.0	19.0
ORO (C28-C40)	ND		ug/l	11.0	2.74

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		50-130
d50-Tetracosane	87		50-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel/Other Range Organics by GC-FID - Mansfield Lab Associated sample(s): 01-02,04-06 Batch: WG2183080-2 WG2183080-3								
Nonane (C9)	**40**	Q	**36**	Q	50-130	11		30
Decane (C10)	**45**	Q	**41**	Q	50-130	9		30
Dodecane (C12)	54		54		50-130	0		30
Tetradecane (C14)	77		82		50-130	6		30
Hexadecane (C16)	91		95		50-130	4		30
Octadecane (C18)	100		102		50-130	2		30
Nonadecane (C19)	96		98		50-130	2		30
Eicosane (C20)	100		102		50-130	2		30
Docosane (C22)	97		99		50-130	2		30
Tetracosane (C24)	98		100		50-130	2		30
Hexacosane (C26)	98		99		50-130	1		30
Octacosane (C28)	102		104		50-130	2		30
Triacontane (C30)	98		99		50-130	1		30
Hexatriacontane (C36)	105		104		50-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	84		82		50-130
d50-Tetracosane	89		88		50-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel/Other Range Organics by GC-FID - Mansfield Lab Associated sample(s): 01-02,04-06 Batch: WG2184396-2 WG2184396-3								
Nonane (C9)	50		57		50-130	13		30
Decane (C10)	59		66		50-130	11		30
Dodecane (C12)	70		73		50-130	4		30
Tetradecane (C14)	75		74		50-130	1		30
Hexadecane (C16)	80		77		50-130	4		30
Octadecane (C18)	82		78		50-130	5		30
Nonadecane (C19)	83		77		50-130	8		30
Eicosane (C20)	84		80		50-130	5		30
Docosane (C22)	81		77		50-130	5		30
Tetracosane (C24)	85		82		50-130	4		30
Hexacosane (C26)	81		78		50-130	4		30
Octacosane (C28)	81		79		50-130	3		30
Triacontane (C30)	82		80		50-130	2		30
Hexatriacontane (C36)	79		77		50-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	73		72		50-130
d50-Tetracosane	79		76		50-130

Matrix Spike Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Diesel/Other Range Organics by GC-FID - Mansfield Lab Associated sample(s): 01-02,04-06 QC Batch ID: WG2183080-4 WG2183080-5 QC Sample: L2610915-06 Client ID: MW-01_20260302												
Nonane (C9)	ND	50.8	18.90457	**37**	Q	28.24878	58		50-150	**40**	Q	30
Decane (C10)	ND	50.8	22.78782	**45**	Q	33.75610	69		50-150	**39**	Q	30
Dodecane (C12)	1.0852941	50.8	28.140102	53		40.000000	80		50-150	**35**	Q	30
Tetradecane (C14)	ND	50.8	36.568528	72		45.317073	93		50-150	21		30
Hexadecane (C16)	ND	50.8	37.29442	73		38.01658	78		50-150	2		30
Octadecane (C18)	7.827451G	50.8	55.35533	94		68.14146	124		50-150	21		30
Nonadecane (C19)	ND	50.8	43.43553	86		51.23512	105		50-150	16		30
Eicosane (C20)	ND	50.8	45.19797	89		53.68000	110		50-150	17		30
Docosane (C22)	ND	50.8	44.14416	87		51.36976	105		50-150	15		30
Tetracosane (C24)	0.2921569J	50.8	44.44670	88		51.14244	105		50-150	14		30
Hexacosane (C26)	ND	50.8	44.23858	87		50.46146	103		50-150	13		30
Octacosane (C28)	ND	50.8	46.14112	91		52.26536	107		50-150	12		30
Triacontane (C30)	ND	50.8	44.21929	87		49.88878	102		50-150	12		30
Hexatriacontane (C36)	ND	50.8	47.11980	93		52.63024	108		50-150	11		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
d50-Tetracosane	87		92		50-130
o-Terphenyl	80		88		50-130

Matrix Spike Analysis
Batch Quality Control

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Diesel/Other Range Organics by GC-FID - Mansfield Lab Associated sample(s): 01-02,04-06 QC Batch ID: WG2184396-4 WG2184396-5 QC Sample: L2610915-06 Client ID: MW-01_20260302												
Nonane (C9)	ND	49.5	23.69604	**48**	Q	24.25200	**48**	Q	50-150	2		30
Decane (C10)	ND	49.5	28.77327	58		29.04400	58		50-150	1		30
Dodecane (C12)	1.2861386	49.5	32.588119	63		32.903000	63		50-150	1		30
Tetradecane (C14)	ND	49.5	33.894059	68		34.596000	69		50-150	2		30
Hexadecane (C16)	ND	49.5	36.63366	74		36.41100	73		50-150	1		30
Octadecane (C18)	ND	49.5	37.95842	77		37.67400	75		50-150	1		30
Nonadecane (C19)	ND	49.5	39.89109	80		39.14100	78		50-150	2		30
Eicosane (C20)	0.1742574J	49.5	38.51287	78		40.71000	81		50-150	6		30
Docosane (C22)	ND	49.5	37.43267	76		37.53600	75		50-150	0		30
Tetracosane (C24)	ND	49.5	39.66139	80		38.80400	78		50-150	2		30
Hexacosane (C26)	0.4732673J	49.5	37.54752	76		36.86600	74		50-150	2		30
Octacosane (C28)	ND	49.5	37.96139	77		37.06800	74		50-150	2		30
Triacontane (C30)	0.2405940J	49.5	38.33267	77		37.67300	75		50-150	2		30
Hexatriacontane (C36)	ND	49.5	36.84257	74		36.34500	73		50-150	1		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
d50-Tetracosane	73		72		50-130
o-Terphenyl	65		64		50-130

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2610915-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-01D	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-01E	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-02D	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-02E	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-04D	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-04E	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-05D	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-05E	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)

*Values in parentheses indicate holding time in days

Project Name: BUD NORTH
Project Number: 200112

Lab Number: L2610915
Report Date: 03/17/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2610915-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-06A1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-06A2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-06B1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-06B2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-06C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-06C1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-06C2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)
L2610915-06D	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-06D1	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-06D2	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-06E	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-06E1	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)
L2610915-06E2	Amber 1L unpreserved	NA	NA			Y	Absent		A2-TPHDRO/ORO(7)

*Values in parentheses indicate holding time in days

Project Name:	BUD NORTH	**Lab Number:**	L2610915
Project Number:	200112	**Report Date:**	03/17/26

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	BUD NORTH	**Lab Number:**	L2610915
Project Number:	200112	**Report Date:**	03/17/26

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	BUD NORTH	**Lab Number:**	L2610915
Project Number:	200112	**Report Date:**	03/17/26

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: BUD NORTH
Project Number: 200112
Lab Number: L2610915
Report Date: 03/17/26

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

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

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

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

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

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

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

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

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 03/03/26

Pace Job #: L2610915

Client Information
Client: AKRF INC
Address: 440 PARK AV. SOUTH NY - NY
Phone:
Fax:
Email: JDIGGINS@AKRF.COM

Project Information
Project Name: BUD NORTH
Project Location: 2-21 MALT DRIVE
Project #: 200122
(Use Project name as Project #) ☐
Project Manager: P. DIGGINS
PACE Quote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:
AKRF DATA EDDs ; CAT B DELIVERABLES; CLOSE SDG

Please specify Metals or TAL.

ANALYSIS

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

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260 (5 vials)	TPH DRO/ORO	Total Bottles	Sample Specific Comments
10915-01	MW-03_20260302	03/02/26	1056	GW	MB	X	X	5	
02	FB_20260302	03/02/26	1200	W	MB	X	X	5	
03	TB_20260302	LAB	LAB	W	MB	X		2	
04	MW-02_20260302	03/02/26	1216	GW	MB	X	X	5	
05	MW-DX_20260302	03/02/26	1200	GW	MB	X	X	5	
06	MW-01_20260302	03/02/26	1351	GW	MB	X	X	5	MS/MSD COLLECTED

03/02/2026

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A						
Preservative	B	A						

Relinquished By:	Date/Time	Received By:	Date/Time
	03/02/26 1702	(PACE)	03/02/26 1702
(PACE)	03/02/26 17:25	NJ56 SS	03/02/26 17:25
NJ56 SS	03/02/26		3/3 18:50
	3/3 04:25		3/2 23:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

T3 n 3126-0425

Drop Off Acknowledgement Form

The following form needs to be completed when dropping off samples to a Pace Service Center. This will ensure samples are being directed to the correct Pace lab. If you are unsure which Pace lab will be analyzing the samples, we will hold the samples in the Service Center until the correct lab can be confirmed.

Date: 03/02/2026	Time: 1702	Number of Coolers: TWO

Contact Number: (646) 2707185

Company: AKRF

Pace Project Manager: BEN RAO

Print Name: MARCO BALLETTA Sign Name: [signature]

- [ ] Westborough
- [ ] East Longmeadow
- [ ] Melville
- [ ] Newburgh
- [ ] Fairfield
- [ ] Ewing
- [ ] Mansfield
- [ ] Williamsport

[x] Unknown
AKRED LLC

Please check the correct box above and place this form with your Chain of Custody.

Sample Delivery Group Summary

Pace Job Number : L2610915

Account Name : AKRF, Inc.
Project Number : 200112
Project Name : BUD NORTH

Received : 02-MAR-2026
Reviewer : Fatimat Afolabi

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	5.5	
B	Absent/	Ice	2.5	

Condition Information

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

Volatile Organics/VPH

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

ATTACHMENT C
SSDS AND SVES INSPECTION LOGS

SSDS MONITORING INSPECTION FORM
Newtown Creek Bud Site - North Block, 2-10 54th Avenue, Queens, NY

Inspector Name:	Ben Hess	**Date:**	4/2/2026
Time In:	7:30	**Time Out:**	9:45

General

Weather: Cloudy	Temperature: 50 deg F	Barometric Pressure:	

1. When was the last rain event? 4/1/2026

2. Is the blower currently operating? Yes

If no, please list reason/alarm condition:

3. Any evidence of system tampering, vandalism or damage in the first floor equipment room? - No

4. Is air discharging from the exhaust piping to the roof? - Yes

5. Any evidence of system tampering, vandalism, or damage to the exhaust stack? - No

6. Were all cleanout/sampling port caps securely attached prior to system testing? - Yes

If no, list location and contact Project Manager/Project Director.

7. Is the concrete floor slab overlying all of the SSDS piping runs intact? - Yes

If no, list location and contact Project Manager/Project Director.

SSDS MONITORING INSPECTION FORM
Newtown Creek Bud Site - North Block, 2-10 54th Avenue, Queens, NY

Inspector Name:	Ben Hess	**Date:**	4/2/2026
Time In:	7:30	**Time Out:**	9:45

SSDS Operations

Blower Inlet PID (ppm)	**ND**

Monitoring Point (MP) or Riser Leg (RL) Identification	Location	Differential Pressure	Applied Vacuum[1] in. H_2O	Induced Vacuum[2] in. H_2O	Flow Rate[1] cfm	Notes
MP-01	Incoming Water Room	NA	NA	0.828	NA	
MP-02	West Compactor/Recycle Room	NA	NA	0.856	NA	
MP-03	West Compactor/Recycle Room	NA	NA	NA	NA	
MP-04	Fire Pump Room	NA	NA	0.677	NA	
MP-05	Garage Storage	NA	NA	0.741	NA	
MP-06	Back of House Vestibule	NA	NA	0.746	NA	
MP-07	Bike Room (west)	NA	NA	0.656	NA	
MP-08	Parking Garage	NA	NA	NA	NA	
MP-09	Package Room	NA	NA	0.459	NA	
MP-10	Bike Room (east)	NA	NA	0.807	NA	
MP-11	SVE Equipment Room	NA	NA	0.738	NA	
MP-12	East Compactor Room	NA	NA	0.596	NA	
MP-13	West Compactor Room	NA	NA	0.933	NA	
MP-14	Water Service Room / SVE Equipment Room	NA	NA	0.821	NA	
SSDS-N1		40	1.4	NA	47	
SSDS-N2		20	1.5	NA	30	
SSDS-N3		50	1.3	NA	8	
SSDS-N4		30	1.6	NA	4	
SSDS-N5		30	1.3	NA	38	
SSDS-N6		30	1.2	NA	40	
SSDS-N7		30	1.3	NA	35	
SSDS-N8		20	1.3	NA	22	
SSDS-N9	Loading Dock	100	2	NA	52	
SSDS-N10		100	1.5	NA	54	
SSDS-N11		5	2	NA	5	
SSDS-N12		40	2	NA	42	
SSDS-N13		36	1.7	NA	40	
SSDS-N14		40	1.8	NA	36	
SSDS-N15		80	1.2	NA	78	
SSDS-N16		58	1.5	NA	57	
Combined applied vacuum on SSDS-1 riser =		NA	1.7	NA		
Combined applied vacuum on SSDS-2 riser =		NA	2	NA		
Variable Frequency Drive setting =		hz				

Notes:

1. Normal system flow rates range from 40 to 100 cfm. Applied vacuum readings range from 1 to 15 in. H_2O. System readings will be obtained from each riser leg (SSDS-N1 through SSDS-N16).
2. Normal system induced vacuum readings should be a minimum of 0.004 in. H_2O. System readings will be obtained from each monitoring point (MP-01 through MP-12).
3. If observations are confirmed to be outside of this range, inform emergency contacts in SMP and prepare corrective action plan, if necessary.

SSDS MONITORING INSPECTION FORM Newtown Creek Bud Site - North Block, 2-10 54th Avenue, Queens, NY			
Inspector Name:	Ben Hess	**Date:**	4/2/2026
Time In:	7:30	**Time Out:**	9:45
in. of H_2O - inches of water	NA - not applicable	cfm - cubic feet per minute	

SVE INSPECTION LOG
MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION
Newtown Creek Bud Site - North Block, 2-10 54th Avenue, Queens, NY

Inspector Name:	**Mike Bates**	**Date:**	**4/2/2026**
Time IN:	**730**	**Time OUT:**	**945**

GENERAL

Weather:	Cloudy	Temperature:	60 deg F	Barometric Pressure:	30.15" Hg	Equipment Room Temperature:	60 deg F

When was the last rain event? 4/1/2026

Is the SVE system being cycled on or off this month? On / Off (circle one) On

If issues cycling system on or off, ALERT PROJECT MANAGER and please describe issue:

Is the SVE blower currently operating? Yes

If no, ALERT PROJECT MANAGER and please list reason/alarm condition:

What is the VFD setting? 60 Hz

If under 30 Hz, ALERT PROJECT MANAGER:

Is condensate in the knockout tank gauge below the low-high float sensor? Yes

If no, ALERT PROJECT MANAGER and manually drain knockout tank

Is transfer pump working? Yes

If no, ALERT PROJECT MANAGER.

Is 55-gallon drum full? No

If yes, acknowledge alarm on panel and ALERT PROJECT MANAGER.

Any evidence of system tampering, vandalism or damage? No

If yes, ALERT PROJECT MANAGER and please note findings:

Any evidence of system tampering, vandalism or damage to the exhaust stack? No

If yes, ALERT PROJECT MANAGER and please note findings:

Notes: This SVE Inspection Log should be completed along with the sampling log for each sampling event.
PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

Comments: Pressure Influent GAC - 13 " H20. Pressure Effluent GAC 5" H20.
East Blower Vacuum Pre-filter 5.5" H20. Vacuum Post-filter 5.5" H20.
West Blower Vacuum Pre-filter 7.0" H20. Vacuum Post-filter 7.0" H20.

Emergency Contact Information		
Name	**Title**	**Contact Number**
Marc Godick	AKRF Project Director	914-922-2356 (office)
Patrick Diggins	Project Manager	914-922-2356 (office)
		603-494-7090 (cell)
Chris Steinmann	Owner's Representative	917-295-0948 (cell)

SVE INSPECTION LOG
MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION
Newtown Creek Bud Site - North Block, 2-10 54th Avenue, Queens, NY

SVE Operation
CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE/TYPICAL RANGE (IN GRAY)

Pre-Blower Inlet Temperature (°F): 40-80°F	Post-Blower Outlet Temperature (°F): 70-110°F	Knockout Tank Vacuum (Inches of water column): 0-50 inH2O
71	110	8
Pre-filter Vacuum (Inches of water column): 0-50 inH2O	**Post-filter Vacuum (Inches of water column): 0-50 inH2O**	**Post-Blower Pressure (Inches of water column): 0-20 inH2O**
7.2	6	20
GAC Influent PID (ppm):	**GAC Intermediate PID (ppm): Less than GAC Influent PID**	**GAC Effluent PID (ppm): <1 ppm**
0.2	0.1	0

Variable Frequency Drive setting: hz

Monitoring Location	Vacuum Reading in. H2O	Air Flow Reading in. H2O	Air Flow Reading CFM	Notes
SVMP-01	0.93	-	-	
SVMP-02	0.77	-	-	
SVMP-03	0.73	-	-	
SVMP-04	0.50	-	-	
SVMP-05	0.55	-	-	
SVMP-06	0.62	-	-	
SVE-01	1.50	0.02	30	
SVE-02	2.00	0.03	35	
SVE-03	1.50	0.03	35	
SVE-04	2.50	0.02	30	
SVE-05	4.00	0.01	10	

ATTACHMENT D
SVES EFFLUENT SAMPLE RESULTS AND DUSRS

May 11, 2026

Mr. Patrick Diggins
AKRF
440 Park Avenue South
7th Floor
New York, NY 10016

Re: Data Usability Summary Report – Eurofins Lancaster – 460-345451-1

Dear Mr. Diggins:

The evaluation of analytical data by Eurofins Lancaster for one soil vapor sample from the Bud North site, which was reported in a single data package under Job No. 460-345451-1 has been completed. The following sample was reported:

SVE-EFF_20260225

Analyses were performed in accordance with USEPA Method TO-15 (Volatile Organics). The review was performed to the extent possible, with the guidance in "DER-10/ Technical Guidance for Site Investigation and Remediation" and the analytical method. Professional judgment is applied as necessary and appropriate. Qualifiers consistent with those defined by EPA Region 2 are applied as necessary and appropriate.

Below is the Data Usability Summary Report (DUSR) associated with these samples.

Data Usability Summary Report	
1. Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA CLP data deliverables?	Yes
2. Have all holding times been met?	Yes
3. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls, and sample data fall within the protocol required limits and specifications?	Yes
4. Have all of the data been generated using established and agreed upon analytical protocols?	Yes
5. Does an evaluation of the raw data confirm the results provided in the data summary sheet and the quality control verification forms?	Yes
6. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?	Yes
7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheet from the data package been attached to the DUSR?	Yes

Overall Evaluation

Based on the data review effort, sample results are usable as reported. No qualifications were made as a result of the data review effort.

A copy of the chain of custody record is provided in Attachment A. The following components were reviewed, where applicable:

- Chain of Custody
- Receiving conditions
- Holding times
- Preservation
- Analyte lists
- Reporting limits
- Requested methods
- Units, and
- Sample related quality control data:
  - Method blanks
  - Field blanks
  - Trip blanks
  - Surrogate recoveries
  - LCS/LCSD recoveries
  - MS/MSD recoveries
  - Internal standards
  - Duplicates
- Instrument related quality control data:
  - Instrument tunes
  - Calibration summaries

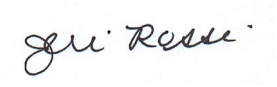
Documentation: A completeness review of the data package was performed, and the data package was determined to be a complete Category B data package.

Holding Times, Preservation, Sample Integrity:

A copy of the applicable chain of custody (COC) record was included in the data package, documenting sample collection date of February 25, 2026. The samples were received at Eurofins Edison then sent to Eurofins Lancaster and received on February 27, 2026. All samples were received intact and analyzed within method holding time .

Please feel free to contact me at (908) 370-3431 or jlrenvconsulting@outlook.com if you have any questions regarding this data package review report or need further information.

Sincerely,



Jeri L Rossi, CEAC

Environmental Consulting Chemist

ATTACHMENT A

CHAIN OF CUSTODY (COC)

Chain of Custody Record

686130

eurofins | Environment Testing America

460-345451 Chain of Custody

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Patrick Diggins	Site Contact: Ben Hess	Date: 02/25/2026	COC No:
Company Name: AKRF	Tel/Email: pdiggins@akrf.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Avenue South 7th Floor	Analysis Turnaround Time			Sampler:
City/State/Zip: 10016, NY, NY	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks ☒ 1 week ☐ 2 days ☐ 1 day (AKRF Standard)			Lab Sampling:
Project Name: Bush North				Job / SDG No.:
Site:				
PO # 200122				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TO-15	Sample Specific Notes:
SVE-EFF_20260225	02/25/26	10:45	G	SV	1			X	2 tedlar bags provided

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained ger than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments: no air COC provided.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company	Date/Time		Company	Date/Time
Relinquished by: Ben Hess	AKRF	2/25/26 13:00	Received by:	Eurofins	2/25/26
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: Eurofins	Date/Time: 2/26 0900

May 11, 2026

Mr. Patrick Diggins
AKRF
440 Park Avenue South
7th Floor
New York, NY 10016

Re: Data Usability Summary Report – Eurofins Lancaster – 460-349754-1

Dear Mr. Diggins:

The evaluation of analytical data by Eurofins Lancaster for one soil vapor sample from the Bud North site, which was reported in a single data package under Job No. 460-349754-1 has been completed. The following sample was reported:

SVE-EFF_20260427

Analyses were performed in accordance with USEPA Method TO-15 (Volatile Organics). The review was performed to the extent possible, with the guidance in "DER-10/ Technical Guidance for Site Investigation and Remediation" and the analytical method. Professional judgment is applied as necessary and appropriate. Qualifiers consistent with those defined by EPA Region 2 are applied as necessary and appropriate.

Below is the Data Usability Summary Report (DUSR) associated with these samples.

Data Usability Summary Report	
1. Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA CLP data deliverables?	Yes
2. Have all holding times been met?	Yes
3. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls, and sample data fall within the protocol required limits and specifications?	Yes
4. Have all of the data been generated using established and agreed upon analytical protocols?	Yes
5. Does an evaluation of the raw data confirm the results provided in the data summary sheet and the quality control verification forms?	Yes
6. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?	Yes
7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheet from the data package been attached to the DUSR?	Yes

Overall Evaluation

Based on the data review effort, sample results are usable as reported. No qualifications were made as a result of the data review effort.

A copy of the chain of custody record is provided in Attachment A. The following components were reviewed, where applicable:

- Chain of Custody
- Receiving conditions
- Holding times
- Preservation
- Analyte lists
- Reporting limits
- Requested methods
- Units, and
- Sample related quality control data:
  - Method blanks
  - Field blanks
  - Trip blanks
  - Surrogate recoveries
  - LCS/LCSD recoveries
  - MS/MSD recoveries
  - Internal standards
  - Duplicates
- Instrument related quality control data:
  - Instrument tunes
  - Calibration summaries

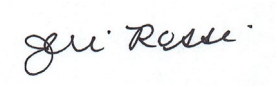
Documentation: A completeness review of the data package was performed, and the data package was determined to be a complete Category B data package.

Holding Times, Preservation, Sample Integrity:

A copy of the applicable chain of custody (COC) record was included in the data package, documenting sample collection date of April 27, 2026. The samples were received at Eurofins Edison then sent to Eurofins Lancaster and received on April 27, 2026. All samples were received intact and analyzed within method holding time .

Please feel free to contact me at (908) 370-3431 or jlrenvconsulting@outlook.com if you have any questions regarding this data package review report or need further information.

Sincerely,



Jeri L Rossi, CEAC

Environmental Consulting Chemist

ATTACHMENT A

CHAIN OF CUSTODY (COC)

Chain of Custody Record

686131

eurofins Environment Testing America

TAL-8210

Address:

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: P. Diggins	Site Contact: B Hess	Date:	COC No: 1 of 1 COCs
Company Name:	AKRF	Tel/Email:	Lab Contact:	Carrier:	Sampler:
Address:	440 Park Ave S	Analysis Turnaround Time			For Lab Use Only:
City/State/Zip:	NYC, NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
Phone:		TAT if different from Below			Lab Sampling:
Fax:		☐ 2 weeks AKRF Standard			
Project Name:	Bul North	☐ 1 week			Job / SDG No.:
Site:	2-21 Malt Drive, LIC, NY 11101	☐ 2 days			
P O #	200122	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TO-15	Sample Specific Notes: 349754
SVE-EFF_20260427	4/27/26	10:10	Grab	S.V.	2			X	

NYC 222

460-349754 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments: No air C.O.C. provided Batch ID-28240615

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: Corr'd: | Therm ID No.:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Ben Hess	AKRF	04/27/26	[signature]	[illegible]	4/27/26
			M. Mitchell	EET	4/27/26 1800
M. Mitchell	EET 4/27/26	1915	Received in Laboratory by: [signature]	ETA	4/27 1915

AW

4-28-26 0200 [signature]

4/27/26 0200 [signature]

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Patrick Diggins
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 3/4/2026 2:27:06 PM

JOB DESCRIPTION

Bud North - 2-21 Malt Drive, Long Island

JOB NUMBER

460-345451-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
3/4/2026 2:27:06 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Definitions/Glossary

Client: AKRF Inc
Job ID: 460-345451-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-345451-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 2/27/2026 9:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

Method TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)
Sample SVE-EFF_20260225 (460-345451-1) was analyzed for Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS). The sample was analyzed on 2/28/2026.

Sample SVE-EFF_20260225 (460-345451-1)[4x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was received in air sample bags: SVE-EFF_20260225 (460-345451-1). EPA Methods TO-14A and TO-15 describe the use of canisters for sampling and analysis, therefore, the use of air sample bags constitutes a modification to the method.

The following sample was diluted due to the abundance of non-target analytes: SVE-EFF_20260225 (460-345451-1). Elevated reporting limits (RLs) are provided.

Detection Summary

Client: AKRF Inc
Job ID: 460-345451-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Client Sample ID: SVE-EFF_20260225
Lab Sample ID: 460-345451-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15	J	48	15	ug/m3	4		TO 15 LL	Total/NA
Benzene	2.3	J	2.6	0.56	ug/m3	4		TO 15 LL	Total/NA
Chloroform	2.5	J	3.9	0.80	ug/m3	4		TO 15 LL	Total/NA
Cyclohexane	1.8	J	2.8	0.44	ug/m3	4		TO 15 LL	Total/NA
Dichlorodifluoromethane	63		9.9	2.2	ug/m3	4		TO 15 LL	Total/NA
Ethylbenzene	3.9		3.5	0.90	ug/m3	4		TO 15 LL	Total/NA
Isopropyl alcohol	26	J	49	16	ug/m3	4		TO 15 LL	Total/NA
m,p-Xylene	16		8.7	1.7	ug/m3	4		TO 15 LL	Total/NA
Methylene Chloride	9.9		7.0	2.5	ug/m3	4		TO 15 LL	Total/NA
n-Butane	4.6	J	4.8	1.9	ug/m3	4		TO 15 LL	Total/NA
n-Hexane	16		7.0	1.6	ug/m3	4		TO 15 LL	Total/NA
o-Xylene	8.8		3.5	0.90	ug/m3	4		TO 15 LL	Total/NA
Trichlorofluoromethane	170		4.5	1.1	ug/m3	4		TO 15 LL	Total/NA
Xylene (total)	25		8.7	0.24	ug/m3	4		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SVE-EFF_20260225
Lab Sample ID: 460-345451-1
Date Collected: 02/25/26 10:45
Matrix: Air
Date Received: 02/27/26 09:00
Sample Time: 0 Min
Sample Container: Tedlar Bag 1L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.4	U	4.4	0.96	ug/m3			02/28/26 03:29	4
1,1,2,2-Tetrachloroethane	5.5	U	5.5	1.2	ug/m3			02/28/26 03:29	4
1,1,2-Trichloroethane	4.4	U	4.4	1.6	ug/m3			02/28/26 03:29	4
1,1,2-Trichlorotrifluoroethane	6.1	U	6.1	1.6	ug/m3			02/28/26 03:29	4
1,1-Dichloroethane	3.2	U	3.2	0.40	ug/m3			02/28/26 03:29	4
1,1-Dichloroethene	0.80	U	0.80	0.41	ug/m3			02/28/26 03:29	4
1,2,4-Trichlorobenzene	15	U	15	1.5	ug/m3			02/28/26 03:29	4
1,2,4-Trimethylbenzene	3.9	U	3.9	1.6	ug/m3			02/28/26 03:29	4
1,2-Dibromoethane	6.2	U	6.2	1.3	ug/m3			02/28/26 03:29	4
1,2-Dichlorobenzene	4.8	U	4.8	1.6	ug/m3			02/28/26 03:29	4
1,2-Dichloroethane	3.2	U	3.2	1.5	ug/m3			02/28/26 03:29	4
1,2-Dichloropropane	3.7	U	3.7	1.7	ug/m3			02/28/26 03:29	4
1,2-Dichlorotetrafluoroethane	5.6	U	5.6	1.3	ug/m3			02/28/26 03:29	4
1,3,5-Trimethylbenzene	3.9	U	3.9	0.92	ug/m3			02/28/26 03:29	4
1,3-Butadiene	1.8	U	1.8	0.35	ug/m3			02/28/26 03:29	4
1,3-Dichlorobenzene	4.8	U	4.8	1.8	ug/m3			02/28/26 03:29	4
1,4-Dichlorobenzene	4.8	U	4.8	2.1	ug/m3			02/28/26 03:29	4
1,4-Dioxane	72	U	72	0.68	ug/m3			02/28/26 03:29	4
2,2,4-Trimethylpentane	3.7	U	3.7	0.71	ug/m3			02/28/26 03:29	4
2-Chlorotoluene	4.2	U	4.2	0.95	ug/m3			02/28/26 03:29	4
3-Chloropropene	6.3	U	6.3	1.5	ug/m3			02/28/26 03:29	4
4-Ethyltoluene	3.9	U	3.9	0.96	ug/m3			02/28/26 03:29	4
4-Isopropyltoluene	4.4	U	4.4	1.3	ug/m3			02/28/26 03:29	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	8.2	U	8.2	2.1	ug/m3			02/28/26 03:29	4
Acetone	**15**	**J**	48	15	ug/m3			02/28/26 03:29	4
Benzene	**2.3**	**J**	2.6	0.56	ug/m3			02/28/26 03:29	4
Benzyl chloride	4.2	U	4.2	1.8	ug/m3			02/28/26 03:29	4
Bromodichloromethane	5.4	U	5.4	1.3	ug/m3			02/28/26 03:29	4
Bromoethene(Vinyl Bromide)	3.5	U	3.5	0.88	ug/m3			02/28/26 03:29	4
Bromoform	8.3	U	8.3	5.0	ug/m3			02/28/26 03:29	4
Bromomethane	3.1	U	3.1	1.1	ug/m3			02/28/26 03:29	4
Carbon disulfide	6.2	U	6.2	1.6	ug/m3			02/28/26 03:29	4
Carbon tetrachloride	0.88	U	0.88	0.55	ug/m3			02/28/26 03:29	4
Chlorobenzene	3.7	U	3.7	0.81	ug/m3			02/28/26 03:29	4
Chlorodifluoromethane	7.1	U	7.1	1.7	ug/m3			02/28/26 03:29	4
Chloroethane	5.3	U	5.3	1.9	ug/m3			02/28/26 03:29	4
Chloroform	**2.5**	**J**	3.9	0.80	ug/m3			02/28/26 03:29	4
Chloromethane	4.1	U	4.1	1.2	ug/m3			02/28/26 03:29	4
cis-1,2-Dichloroethene	0.80	U	0.80	0.33	ug/m3			02/28/26 03:29	4
cis-1,3-Dichloropropene	3.6	U	3.6	0.82	ug/m3			02/28/26 03:29	4
Cumene	3.9	U	3.9	0.81	ug/m3			02/28/26 03:29	4
Cyclohexane	**1.8**	**J**	2.8	0.44	ug/m3			02/28/26 03:29	4
Dibromochloromethane	6.8	U	6.8	0.52	ug/m3			02/28/26 03:29	4
Dichlorodifluoromethane	**63**		9.9	2.2	ug/m3			02/28/26 03:29	4
Ethylbenzene	**3.9**		3.5	0.90	ug/m3			02/28/26 03:29	4
Hexachlorobutadiene	8.5	U	8.5	4.7	ug/m3			02/28/26 03:29	4
Isopropyl alcohol	**26**	**J**	49	16	ug/m3			02/28/26 03:29	4
m,p-Xylene	**16**		8.7	1.7	ug/m3			02/28/26 03:29	4

Client Sample ID: SVE-EFF_20260225
Lab Sample ID: 460-345451-1
Date Collected: 02/25/26 10:45
Matrix: Air
Date Received: 02/27/26 09:00
Sample Time: 0 Min
Sample Container: Tedlar Bag 1L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	8.2	U	8.2	2.5	ug/m3			02/28/26 03:29	4
Methyl Ethyl Ketone (2-Butanone)	5.9	U	5.9	5.8	ug/m3			02/28/26 03:29	4
Methyl methacrylate	8.2	U	8.2	2.3	ug/m3			02/28/26 03:29	4
Methyl tert-butyl ether	2.9	U	2.9	0.52	ug/m3			02/28/26 03:29	4
Methylene Chloride	**9.9**		7.0	2.5	ug/m3			02/28/26 03:29	4
Naphthalene	8.0	U	8.0	6.3	ug/m3			02/28/26 03:29	4
n-Butane	**4.6**	**J**	4.8	1.9	ug/m3			02/28/26 03:29	4
n-Butylbenzene	4.4	U	4.4	2.4	ug/m3			02/28/26 03:29	4
n-Heptane	3.3	U	3.3	0.90	ug/m3			02/28/26 03:29	4
n-Hexane	**16**		7.0	1.6	ug/m3			02/28/26 03:29	4
N-Propylbenzene	3.9	U	3.9	0.92	ug/m3			02/28/26 03:29	4
o-Xylene	**8.8**		3.5	0.90	ug/m3			02/28/26 03:29	4
sec-Butylbenzene	4.4	U	4.4	0.99	ug/m3			02/28/26 03:29	4
Styrene	3.4	U	3.4	1.0	ug/m3			02/28/26 03:29	4
tert-Butyl alcohol	61	U	61	15	ug/m3			02/28/26 03:29	4
tert-Butylbenzene	4.4	U	4.4	1.0	ug/m3			02/28/26 03:29	4
Tetrachloroethene	5.4	U	5.4	0.57	ug/m3			02/28/26 03:29	4
Tetrahydrofuran	59	U	59	15	ug/m3			02/28/26 03:29	4
Toluene	3.0	U	3.0	0.63	ug/m3			02/28/26 03:29	4
trans-1,2-Dichloroethene	3.2	U	3.2	0.36	ug/m3			02/28/26 03:29	4
trans-1,3-Dichloropropene	3.6	U	3.6	0.98	ug/m3			02/28/26 03:29	4
Trichloroethene	0.80	U	0.80	0.54	ug/m3			02/28/26 03:29	4
Trichlorofluoromethane	**170**		4.5	1.1	ug/m3			02/28/26 03:29	4
Vinyl chloride	0.80	U	0.80	0.21	ug/m3			02/28/26 03:29	4
Xylene (total)	**25**		8.7	0.24	ug/m3			02/28/26 03:29	4

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: MB 410-775215/9
Matrix: Air
Analysis Batch: 775215

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			02/27/26 14:14	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			02/27/26 14:14	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			02/27/26 14:14	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			02/27/26 14:14	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			02/27/26 14:14	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			02/27/26 14:14	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			02/27/26 14:14	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			02/27/26 14:14	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			02/27/26 14:14	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			02/27/26 14:14	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			02/27/26 14:14	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			02/27/26 14:14	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			02/27/26 14:14	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			02/27/26 14:14	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			02/27/26 14:14	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			02/27/26 14:14	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			02/27/26 14:14	1
1,4-Dioxane	18	U	18	0.17	ug/m3			02/27/26 14:14	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			02/27/26 14:14	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			02/27/26 14:14	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			02/27/26 14:14	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			02/27/26 14:14	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			02/27/26 14:14	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			02/27/26 14:14	1
Acetone	12	U	12	3.8	ug/m3			02/27/26 14:14	1
Benzene	0.64	U	0.64	0.14	ug/m3			02/27/26 14:14	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			02/27/26 14:14	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			02/27/26 14:14	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			02/27/26 14:14	1
Bromoform	2.1	U	2.1	1.2	ug/m3			02/27/26 14:14	1
Bromomethane	0.759	J	0.78	0.28	ug/m3			02/27/26 14:14	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			02/27/26 14:14	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			02/27/26 14:14	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			02/27/26 14:14	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			02/27/26 14:14	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			02/27/26 14:14	1
Chloroform	0.98	U	0.98	0.20	ug/m3			02/27/26 14:14	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			02/27/26 14:14	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			02/27/26 14:14	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			02/27/26 14:14	1
Cumene	0.98	U	0.98	0.20	ug/m3			02/27/26 14:14	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			02/27/26 14:14	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			02/27/26 14:14	1
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			02/27/26 14:14	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			02/27/26 14:14	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			02/27/26 14:14	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			02/27/26 14:14	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			02/27/26 14:14	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-775215/9
Matrix: Air
Analysis Batch: 775215

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			02/27/26 14:14	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.5	ug/m3			02/27/26 14:14	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			02/27/26 14:14	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			02/27/26 14:14	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			02/27/26 14:14	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			02/27/26 14:14	1
n-Butane	1.2	U	1.2	0.48	ug/m3			02/27/26 14:14	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			02/27/26 14:14	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			02/27/26 14:14	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			02/27/26 14:14	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			02/27/26 14:14	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			02/27/26 14:14	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			02/27/26 14:14	1
Styrene	0.85	U	0.85	0.25	ug/m3			02/27/26 14:14	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			02/27/26 14:14	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			02/27/26 14:14	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			02/27/26 14:14	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			02/27/26 14:14	1
Toluene	0.75	U	0.75	0.16	ug/m3			02/27/26 14:14	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			02/27/26 14:14	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			02/27/26 14:14	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			02/27/26 14:14	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			02/27/26 14:14	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			02/27/26 14:14	1
Xylene (total)	2.2	U	2.2	0.061	ug/m3			02/27/26 14:14	1

Lab Sample ID: LCS 410-775215/4
Matrix: Air
Analysis Batch: 775215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	58.0		ug/m3		106	70 - 130
1,1,2,2-Tetrachloroethane	68.7	59.4		ug/m3		87	61 - 130
1,1,2-Trichloroethane	54.6	52.8		ug/m3		97	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	77.6		ug/m3		101	70 - 130
1,1-Dichloroethane	40.5	43.2		ug/m3		107	70 - 130
1,1-Dichloroethene	39.6	49.8		ug/m3		126	70 - 131
1,2,4-Trichlorobenzene	74.2	78.8		ug/m3		106	52 - 143
1,2,4-Trimethylbenzene	49.2	41.6		ug/m3		85	65 - 146
1,2-Dibromoethane	76.8	75.8		ug/m3		99	70 - 130
1,2-Dichlorobenzene	60.1	52.4		ug/m3		87	61 - 139
1,2-Dichloroethane	40.5	44.5		ug/m3		110	70 - 131
1,2-Dichloropropane	46.2	41.3		ug/m3		89	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	67.9		ug/m3		97	70 - 130
1,3,5-Trimethylbenzene	49.2	43.0		ug/m3		88	69 - 141
1,3-Butadiene	22.1	22.9		ug/m3		103	70 - 131
1,3-Dichlorobenzene	60.1	52.1		ug/m3		87	64 - 140
1,4-Dichlorobenzene	60.1	52.2		ug/m3		87	64 - 137

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-775215/4
Matrix: Air
Analysis Batch: 775215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	36.0	34.3		ug/m3		95	70 - 130
2,2,4-Trimethylpentane	46.7	48.0		ug/m3		103	70 - 130
2-Chlorotoluene	51.8	44.0		ug/m3		85	70 - 130
3-Chloropropene	31.3	31.7		ug/m3		101	70 - 137
4-Ethyltoluene	49.2	44.7		ug/m3		91	69 - 139
4-Isopropyltoluene	54.9	48.2		ug/m3		88	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	34.5		ug/m3		84	68 - 133
Acetone	23.8	23.1		ug/m3		97	70 - 137
Benzene	31.9	29.5		ug/m3		92	70 - 130
Benzyl chloride	51.8	43.7		ug/m3		84	57 - 142
Bromodichloromethane	67.0	69.0		ug/m3		103	70 - 130
Bromoethene(Vinyl Bromide)	43.7	52.7		ug/m3		120	70 - 130
Bromoform	103	112		ug/m3		108	60 - 139
Bromomethane	38.8	46.3		ug/m3		119	70 - 140
Carbon disulfide	31.1	29.6		ug/m3		95	70 - 130
Carbon tetrachloride	62.9	70.9		ug/m3		113	70 - 130
Chlorobenzene	46.0	43.1		ug/m3		94	70 - 130
Chlorodifluoromethane	35.4	31.3		ug/m3		89	70 - 132
Chloroethane	26.4	27.8		ug/m3		105	70 - 131
Chloroform	48.8	56.1		ug/m3		115	70 - 130
Chloromethane	20.7	17.8		ug/m3		86	64 - 138
cis-1,2-Dichloroethene	39.6	43.7		ug/m3		110	70 - 130
cis-1,3-Dichloropropene	45.4	43.1		ug/m3		95	70 - 130
Cumene	49.2	46.7		ug/m3		95	70 - 137
Cyclohexane	34.4	32.2		ug/m3		93	61 - 130
Dibromochloromethane	85.2	87.7		ug/m3		103	70 - 130
Dichlorodifluoromethane	49.5	53.5		ug/m3		108	70 - 131
Ethylbenzene	43.4	38.6		ug/m3		89	70 - 130
Hexachlorobutadiene	107	112		ug/m3		105	40 - 157
Isopropyl alcohol	24.6	17.9		ug/m3		73	62 - 135
m,p-Xylene	43.4	49.3		ug/m3		114	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41.0	34.1		ug/m3		83	57 - 141
Methyl Ethyl Ketone (2-Butanone)	29.5	32.4		ug/m3		110	70 - 130
Methyl methacrylate	40.9	36.0		ug/m3		88	70 - 130
Methyl tert-butyl ether	36.1	36.9		ug/m3		102	70 - 130
Methylene Chloride	34.7	41.1		ug/m3		118	70 - 130
Naphthalene	60.8	56.2		ug/m3		92	22 - 139
n-Butylbenzene	54.9	48.8		ug/m3		89	57 - 143
n-Heptane	41.0	36.8		ug/m3		90	70 - 130
n-Hexane	35.2	31.6		ug/m3		90	61 - 130
N-Propylbenzene	49.2	43.3		ug/m3		88	70 - 130
o-Xylene	43.4	39.1		ug/m3		90	70 - 130
sec-Butylbenzene	54.9	49.8		ug/m3		91	66 - 141
Styrene	42.6	36.8		ug/m3		86	70 - 133
tert-Butyl alcohol	33.6	33.8		ug/m3		100	50 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-775215/4
Matrix: Air
Analysis Batch: 775215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
tert-Butylbenzene	54.9	50.4		ug/m3		92	63 - 130
Tetrachloroethene	67.8	66.9		ug/m3		99	70 - 140
Tetrahydrofuran	29.5	29.4		ug/m3		100	54 - 143
Toluene	37.7	35.0		ug/m3		93	70 - 130
trans-1,2-Dichloroethene	39.6	43.2		ug/m3		109	70 - 130
trans-1,3-Dichloropropene	45.4	49.6		ug/m3		109	70 - 130
Trichloroethene	53.7	57.7		ug/m3		107	70 - 130
Trichlorofluoromethane	56.2	58.8		ug/m3		105	70 - 130
Vinyl chloride	25.6	27.5		ug/m3		108	70 - 135

Lab Sample ID: LCS 410-775215/6
Matrix: Air
Analysis Batch: 775215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	23.8	23.4		ug/m3		98	70 - 130

Lab Sample ID: LCSD 410-775215/5
Matrix: Air
Analysis Batch: 775215

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	54.6	57.4		ug/m3		105	70 - 130	1	25
1,1,2,2-Tetrachloroethane	68.7	58.7		ug/m3		86	61 - 130	1	25
1,1,2-Trichloroethane	54.6	52.1		ug/m3		96	70 - 130	1	25
1,1,2-Trichlorotrifluoroethane	76.6	76.3		ug/m3		100	70 - 130	2	25
1,1-Dichloroethane	40.5	43.3		ug/m3		107	70 - 130	0	25
1,1-Dichloroethene	39.6	49.0		ug/m3		124	70 - 131	2	25
1,2,4-Trichlorobenzene	74.2	78.5		ug/m3		106	52 - 143	0	25
1,2,4-Trimethylbenzene	49.2	41.6		ug/m3		85	65 - 146	0	25
1,2-Dibromoethane	76.8	75.9		ug/m3		99	70 - 130	0	25
1,2-Dichlorobenzene	60.1	52.6		ug/m3		88	61 - 139	0	25
1,2-Dichloroethane	40.5	44.8		ug/m3		111	70 - 131	1	25
1,2-Dichloropropane	46.2	41.7		ug/m3		90	70 - 130	1	25
1,2-Dichlorotetrafluoroethane	69.9	67.1		ug/m3		96	70 - 130	1	25
1,3,5-Trimethylbenzene	49.2	42.9		ug/m3		87	69 - 141	0	25
1,3-Butadiene	22.1	22.0		ug/m3		100	70 - 131	4	25
1,3-Dichlorobenzene	60.1	52.7		ug/m3		88	64 - 140	1	25
1,4-Dichlorobenzene	60.1	52.7		ug/m3		88	64 - 137	1	25
1,4-Dioxane	36.0	35.5		ug/m3		99	70 - 130	4	25
2,2,4-Trimethylpentane	46.7	49.3		ug/m3		105	70 - 130	3	25
2-Chlorotoluene	51.8	44.2		ug/m3		85	70 - 130	0	25
3-Chloropropene	31.3	31.0		ug/m3		99	70 - 137	2	25
4-Ethyltoluene	49.2	44.9		ug/m3		91	69 - 139	0	25
4-Isopropyltoluene	54.9	48.5		ug/m3		88	60 - 148	1	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	34.9		ug/m3		85	68 - 133	1	25
Acetone	23.8	22.9		ug/m3		96	70 - 137	1	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCSD 410-775215/5
Matrix: Air
Analysis Batch: 775215

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			31.9	30.1		ug/m3		94	70 - 130	2	25
Benzyl chloride			51.8	45.0		ug/m3		87	57 - 142	3	25
Bromodichloromethane			67.0	70.0		ug/m3		104	70 - 130	1	25
Bromoethene(Vinyl Bromide)			43.7	51.6		ug/m3		118	70 - 130	2	25
Bromoform			103	110		ug/m3		106	60 - 139	2	25
Bromomethane			38.8	46.4		ug/m3		119	70 - 140	0	25
Carbon disulfide			31.1	29.6		ug/m3		95	70 - 130	0	25
Carbon tetrachloride			62.9	70.0		ug/m3		111	70 - 130	1	25
Chlorobenzene			46.0	44.8		ug/m3		97	70 - 130	4	25
Chlorodifluoromethane			35.4	30.0		ug/m3		85	70 - 132	4	25
Chloroethane			26.4	26.5		ug/m3		100	70 - 131	5	25
Chloroform			48.8	55.1		ug/m3		113	70 - 130	2	25
Chloromethane			20.7	17.3		ug/m3		84	64 - 138	3	25
cis-1,2-Dichloroethene			39.6	43.3		ug/m3		109	70 - 130	1	25
cis-1,3-Dichloropropene			45.4	43.4		ug/m3		96	70 - 130	1	25
Cumene			49.2	44.6		ug/m3		91	70 - 137	4	25
Cyclohexane			34.4	32.4		ug/m3		94	61 - 130	1	25
Dibromochloromethane			85.2	87.4		ug/m3		103	70 - 130	0	25
Dichlorodifluoromethane			49.5	52.2		ug/m3		106	70 - 131	2	25
Ethylbenzene			43.4	38.9		ug/m3		90	70 - 130	1	25
Hexachlorobutadiene			107	110		ug/m3		103	40 - 157	2	25
Isopropyl alcohol			24.6	17.9		ug/m3		73	62 - 135	0	25
m,p-Xylene			43.4	49.0		ug/m3		113	70 - 130	1	25
Methyl Butyl Ketone (2-Hexanone)			41.0	34.3		ug/m3		84	57 - 141	1	25
Methyl Ethyl Ketone (2-Butanone)			29.5	32.0		ug/m3		108	70 - 130	1	25
Methyl methacrylate			40.9	36.3		ug/m3		89	70 - 130	1	25
Methyl tert-butyl ether			36.1	36.5		ug/m3		101	70 - 130	1	25
Methylene Chloride			34.7	41.0		ug/m3		118	70 - 130	0	25
Naphthalene			60.8	55.5		ug/m3		91	22 - 139	1	25
n-Butylbenzene			54.9	48.8		ug/m3		89	57 - 143	0	25
n-Heptane			41.0	37.1		ug/m3		90	70 - 130	1	25
n-Hexane			35.2	31.7		ug/m3		90	61 - 130	0	25
N-Propylbenzene			49.2	43.1		ug/m3		88	70 - 130	0	25
o-Xylene			43.4	38.6		ug/m3		89	70 - 130	1	25
sec-Butylbenzene			54.9	50.0		ug/m3		91	66 - 141	0	25
Styrene			42.6	36.8		ug/m3		86	70 - 133	0	25
tert-Butyl alcohol			33.6	33.3		ug/m3		99	50 - 130	2	25
tert-Butylbenzene			54.9	50.5		ug/m3		92	63 - 130	0	25
Tetrachloroethene			67.8	65.9		ug/m3		97	70 - 140	2	25
Tetrahydrofuran			29.5	29.7		ug/m3		101	54 - 143	1	25
Toluene			37.7	34.8		ug/m3		92	70 - 130	1	25
trans-1,2-Dichloroethene			39.6	43.0		ug/m3		109	70 - 130	0	25
trans-1,3-Dichloropropene			45.4	50.4		ug/m3		111	70 - 130	2	25
Trichloroethene			53.7	58.5		ug/m3		109	70 - 130	1	25
Trichlorofluoromethane			56.2	57.9		ug/m3		103	70 - 130	2	25
Vinyl chloride			25.6	26.7		ug/m3		104	70 - 135	3	25

Client: AKRF Inc
Job ID: 460-345451-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: LCSD 410-775215/7
Matrix: Air
Analysis Batch: 775215

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butane			23.8	23.6		ug/m3		99	70 - 130	1	25

QC Association Summary

Client: AKRF Inc
Job ID: 460-345451-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Air - GC/MS VOA

Analysis Batch: 775215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-345451-1	SVE-EFF_20260225	Total/NA	Air	TO 15 LL	
MB 410-775215/9	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-775215/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-775215/6	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCSD 410-775215/5	Lab Control Sample Dup	Total/NA	Air	TO 15 LL	
LCSD 410-775215/7	Lab Control Sample Dup	Total/NA	Air	TO 15 LL	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-345451-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Client Sample ID: SVE-EFF_20260225
Lab Sample ID: 460-345451-1
Date Collected: 02/25/26 10:45
Matrix: Air
Date Received: 02/27/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		4	775215	XU8K	ELLE	02/28/26 03:29

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-345451-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-11-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26 *
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-27
Delaware (DW)	State	N/A	01-31-27
Florida	NELAP	E87997	06-30-26
Georgia (DW)	State	C048	01-31-27
Illinois	NELAP	200027	01-31-27
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-26
Kentucky (DW)	State	KY90088	12-31-26
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-26
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26 *
Minnesota	NELAP	042-999-487	12-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-27
Nebraska	State	NE-OS-32-17	01-31-27
New Hampshire	NELAP	2730	01-10-27
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	01-01-27
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-27
Oklahoma	NELAP	9804	12-13-26
Oregon	NELAP	PA200001	09-11-26
Pennsylvania	NELAP	36-00037	01-31-27
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-31-26
Tennessee	State	02838	01-31-27
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	03-13-26
Vermont	State	VT - 36037	10-28-26
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	01-31-27
West Virginia DEP	State	055	07-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-345451-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wyoming	State	8TMS-L	01-31-27
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: AKRF Inc
Job ID: 460-345451-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Method	Method Description	Protocol	Laboratory
TO 15 LL	Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: AKRF Inc
Job ID: 460-345451-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-345451-1	SVE-EFF_20260225	Air	02/25/26 10:45	02/27/26 09:00	New York

Chain of Custody Record

460-345451 Chain of Custody

686130

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TAL-8210

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Patrick Diggins	Site Contact: Ben Hess	Date: 02/25/2026	COC No:
Company Name: AKRF	Tel/Email: pdiggins@akrf.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Ave South 7th Floor	**Analysis Turnaround Time**			Sampler:
City/State/Zip: 10016, NYC, NY	☒ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
Phone:	TAT if different from Below			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Bed North	☒ 1 week AKRF 5 standard			
Site:	☐ 2 days			Job / SDG No.:
P O # 200122	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TO-15	Sample Specific Notes:
SVE-EFF_20260225	02/25/26	10:45	G	SV	1			X	2 tedlar bags provided

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ___ Months

Special Instructions/QC Requirements & Comments: no air COC provided.

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ___ Corr'd: ___		Therm ID No.:
Relinquished by: Ben Hess	Company: AKRF	Date/Time: 2/25/26 13:00	Received by: [signature]	Company: EUld	Date/Time: 2/25/26
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: EUET	Date/Time: 2/26 0900

460-345451 Chain of Custody

Chain of Custody Record

686130

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Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Patrick Diggins	Site Contact: Ben Hess	Date: 02/25/2026	COC No:
Company Name: AKRF	Tel/Email: pdiggins@akrf.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Ave South 7th Floor	Analysis Turnaround Time			Sampler:
City/State/Zip: 10016, NYC, NY	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-In Client:
Fax:	☐ 2 weeks ☑ 1 week ☐ 2 days ☐ 1 day (AKRF Standard)			Lab Sampling:
Project Name: Bush North				Job / SDG No.:
Site:				
PO # 200122				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TO-15	Sample Specific Notes:
SVE-EFF_20260225	02/25/26	10:45	G	SV	1			X	2 tedlar bags provided

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: no air COC provided.

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by: Ben Hess	Company: AKRF	Date/Time: 2/25/26 13:00	Received by:	Company: Eurofins	Date/Time: 2/25/26
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: Eurofins	Date/Time: 2/27/26 0900

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-345451-1

Login Number: 345451
List Number: 1
Creator: Nelson, Rose E

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-345451-1

Login Number: 345451
List Number: 2
Creator: Haynick, Leah M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 02/27/26 05:44 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Patrick Diggins
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 4/29/2026 6:17:38 PM

JOB DESCRIPTION

Bud North - 2-21 Malt Drive, Long Island

JOB NUMBER

460-349754-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

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4/29/2026 6:17:38 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Definitions/Glossary

Client: AKRF Inc
Job ID: 460-349754-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-349754-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 4/27/2026 7:15 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

Method TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)
Sample SVE-EFF_20260427 (460-349754-1) was analyzed for Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS). The sample was analyzed on 4/28/2026.

The following sample was received in air sample bags: SVE-EFF_20260427 (460-349754-1). EPA Methods TO-14A and TO-15 describe the use of canisters for sampling and analysis, therefore, the use of air sample bags constitutes a modification to the method.

Detection Summary

Client: AKRF Inc
Job ID: 460-349754-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Client Sample ID: SVE-EFF_20260427
Lab Sample ID: 460-349754-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichlorotrifluoroethane	0.59	J	1.53	0.41	ug/m3	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	0.20	J	0.93	0.18	ug/m3	1		TO 15 LL	Total/NA
Acetone	8.24	J	11.9	3.80	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.40	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Bromodichloromethane	0.77	J	1.34	0.34	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.40		0.22	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	11.8		0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	0.53	J	0.69	0.11	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	23.8		2.47	0.54	ug/m3	1		TO 15 LL	Total/NA
Ethylbenzene	2.34		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	29.5		12.3	3.93	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	9.07		2.17	0.41	ug/m3	1		TO 15 LL	Total/NA
Methylene Chloride	4.16		1.74	0.63	ug/m3	1		TO 15 LL	Total/NA
n-Butane	2.74		1.19	0.48	ug/m3	1		TO 15 LL	Total/NA
n-Hexane	3.35		1.76	0.39	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	4.38		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Styrene	0.55	J	0.85	0.25	ug/m3	1		TO 15 LL	Total/NA
Tetrachloroethene	1.36		1.36	0.14	ug/m3	1		TO 15 LL	Total/NA
Toluene	3.81		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	60.7		1.12	0.28	ug/m3	1		TO 15 LL	Total/NA
Xylene (total)	13.5		2.17	0.061	ug/m3	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AKRF Inc
Job ID: 460-349754-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Client Sample ID: SVE-EFF_20260427
Lab Sample ID: 460-349754-1
Date Collected: 04/27/26 10:10
Matrix: Air
Date Received: 04/27/26 19:15
Sample Time: 0 Min
Sample Container: Tedlar Bag 1L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.09	U	1.09	0.24	ug/m3			04/28/26 20:39	1
1,1,2,2-Tetrachloroethane	1.37	U	1.37	0.30	ug/m3			04/28/26 20:39	1
1,1,2-Trichloroethane	1.09	U	1.09	0.40	ug/m3			04/28/26 20:39	1
1,1,2-Trichlorotrifluoroethane	**0.59**	**J**	1.53	0.41	ug/m3			04/28/26 20:39	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/28/26 20:39	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/28/26 20:39	1
1,2,4-Trichlorobenzene	3.71	U	3.71	0.38	ug/m3			04/28/26 20:39	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			04/28/26 20:39	1
1,2-Dibromoethane	1.54	U	1.54	0.32	ug/m3			04/28/26 20:39	1
1,2-Dichlorobenzene	1.20	U	1.20	0.40	ug/m3			04/28/26 20:39	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/28/26 20:39	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/28/26 20:39	1
1,2-Dichlorotetrafluoroethane	1.40	U	1.40	0.34	ug/m3			04/28/26 20:39	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			04/28/26 20:39	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/28/26 20:39	1
1,3-Dichlorobenzene	1.20	U	1.20	0.45	ug/m3			04/28/26 20:39	1
1,4-Dichlorobenzene	1.20	U	1.20	0.54	ug/m3			04/28/26 20:39	1
1,4-Dioxane	18.0	U	18.0	0.17	ug/m3			04/28/26 20:39	1
2,2,4-Trimethylpentane	**0.20**	**J**	0.93	0.18	ug/m3			04/28/26 20:39	1
2-Chlorotoluene	1.04	U	1.04	0.24	ug/m3			04/28/26 20:39	1
3-Chloropropene	1.57	U	1.57	0.38	ug/m3			04/28/26 20:39	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			04/28/26 20:39	1
4-Isopropyltoluene	1.10	U	1.10	0.34	ug/m3			04/28/26 20:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.05	U	2.05	0.53	ug/m3			04/28/26 20:39	1
Acetone	**8.24**	**J**	11.9	3.80	ug/m3			04/28/26 20:39	1
Benzene	**0.40**	**J**	0.64	0.14	ug/m3			04/28/26 20:39	1
Benzyl chloride	1.04	U	1.04	0.46	ug/m3			04/28/26 20:39	1
Bromodichloromethane	**0.77**	**J**	1.34	0.34	ug/m3			04/28/26 20:39	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/28/26 20:39	1
Bromoform	2.07	U	2.07	1.24	ug/m3			04/28/26 20:39	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/28/26 20:39	1
Carbon disulfide	1.56	U	1.56	0.41	ug/m3			04/28/26 20:39	1
Carbon tetrachloride	**0.40**		0.22	0.14	ug/m3			04/28/26 20:39	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/28/26 20:39	1
Chlorodifluoromethane	1.77	U	1.77	0.42	ug/m3			04/28/26 20:39	1
Chloroethane	1.32	U	1.32	0.48	ug/m3			04/28/26 20:39	1
Chloroform	**11.8**		0.98	0.20	ug/m3			04/28/26 20:39	1
Chloromethane	1.03	U	1.03	0.31	ug/m3			04/28/26 20:39	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/28/26 20:39	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/28/26 20:39	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/28/26 20:39	1
Cyclohexane	**0.53**	**J**	0.69	0.11	ug/m3			04/28/26 20:39	1
Dibromochloromethane	1.70	U	1.70	0.13	ug/m3			04/28/26 20:39	1
Dichlorodifluoromethane	**23.8**		2.47	0.54	ug/m3			04/28/26 20:39	1
Ethylbenzene	**2.34**		0.87	0.23	ug/m3			04/28/26 20:39	1
Hexachlorobutadiene	2.13	U	2.13	1.17	ug/m3			04/28/26 20:39	1
Isopropyl alcohol	**29.5**		12.3	3.93	ug/m3			04/28/26 20:39	1
m,p-Xylene	**9.07**		2.17	0.41	ug/m3			04/28/26 20:39	1

Client: AKRF Inc
Job ID: 460-349754-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Client Sample ID: SVE-EFF_20260427
Lab Sample ID: 460-349754-1
Date Collected: 04/27/26 10:10
Matrix: Air
Date Received: 04/27/26 19:15
Sample Time: 0 Min
Sample Container: Tedlar Bag 1L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	2.05	U	2.05	0.62	ug/m3			04/28/26 20:39	1
Methyl Ethyl Ketone (2-Butanone)	1.47	U	1.47	1.45	ug/m3			04/28/26 20:39	1
Methyl methacrylate	2.05	U	2.05	0.57	ug/m3			04/28/26 20:39	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/28/26 20:39	1
Methylene Chloride	**4.16**		1.74	0.63	ug/m3			04/28/26 20:39	1
Naphthalene	2.00	U	2.00	1.57	ug/m3			04/28/26 20:39	1
n-Butane	**2.74**		1.19	0.48	ug/m3			04/28/26 20:39	1
n-Butylbenzene	1.10	U	1.10	0.60	ug/m3			04/28/26 20:39	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/28/26 20:39	1
n-Hexane	**3.35**		1.76	0.39	ug/m3			04/28/26 20:39	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/28/26 20:39	1
o-Xylene	**4.38**		0.87	0.23	ug/m3			04/28/26 20:39	1
sec-Butylbenzene	1.10	U	1.10	0.25	ug/m3			04/28/26 20:39	1
Styrene	**0.55**	**J**	0.85	0.25	ug/m3			04/28/26 20:39	1
tert-Butyl alcohol	15.2	U	15.2	3.64	ug/m3			04/28/26 20:39	1
tert-Butylbenzene	1.10	U	1.10	0.26	ug/m3			04/28/26 20:39	1
Tetrachloroethene	**1.36**		1.36	0.14	ug/m3			04/28/26 20:39	1
Tetrahydrofuran	14.7	U	14.7	3.83	ug/m3			04/28/26 20:39	1
Toluene	**3.81**		0.75	0.16	ug/m3			04/28/26 20:39	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/28/26 20:39	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/28/26 20:39	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/28/26 20:39	1
Trichlorofluoromethane	**60.7**		1.12	0.28	ug/m3			04/28/26 20:39	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/28/26 20:39	1
Xylene (total)	**13.5**		2.17	0.061	ug/m3			04/28/26 20:39	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: MB 410-807771/10
Matrix: Air
Analysis Batch: 807771

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.09	U	1.09	0.24	ug/m3			04/28/26 10:32	1
1,1,2,2-Tetrachloroethane	1.37	U	1.37	0.30	ug/m3			04/28/26 10:32	1
1,1,2-Trichloroethane	1.09	U	1.09	0.40	ug/m3			04/28/26 10:32	1
1,1,2-Trichlorotrifluoroethane	1.53	U	1.53	0.41	ug/m3			04/28/26 10:32	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/28/26 10:32	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/28/26 10:32	1
1,2,4-Trichlorobenzene	3.71	U	3.71	0.38	ug/m3			04/28/26 10:32	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			04/28/26 10:32	1
1,2-Dibromoethane	1.54	U	1.54	0.32	ug/m3			04/28/26 10:32	1
1,2-Dichlorobenzene	1.20	U	1.20	0.40	ug/m3			04/28/26 10:32	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/28/26 10:32	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/28/26 10:32	1
1,2-Dichlorotetrafluoroethane	1.40	U	1.40	0.34	ug/m3			04/28/26 10:32	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			04/28/26 10:32	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/28/26 10:32	1
1,3-Dichlorobenzene	1.20	U	1.20	0.45	ug/m3			04/28/26 10:32	1
1,4-Dichlorobenzene	1.20	U	1.20	0.54	ug/m3			04/28/26 10:32	1
1,4-Dioxane	18.0	U	18.0	0.17	ug/m3			04/28/26 10:32	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/28/26 10:32	1
2-Chlorotoluene	1.04	U	1.04	0.24	ug/m3			04/28/26 10:32	1
3-Chloropropene	1.57	U	1.57	0.38	ug/m3			04/28/26 10:32	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			04/28/26 10:32	1
4-Isopropyltoluene	1.10	U	1.10	0.34	ug/m3			04/28/26 10:32	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.05	U	2.05	0.53	ug/m3			04/28/26 10:32	1
Acetone	11.9	U	11.9	3.80	ug/m3			04/28/26 10:32	1
Benzene	0.64	U	0.64	0.14	ug/m3			04/28/26 10:32	1
Benzyl chloride	1.04	U	1.04	0.46	ug/m3			04/28/26 10:32	1
Bromodichloromethane	1.34	U	1.34	0.34	ug/m3			04/28/26 10:32	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/28/26 10:32	1
Bromoform	2.07	U	2.07	1.24	ug/m3			04/28/26 10:32	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/28/26 10:32	1
Carbon disulfide	1.56	U	1.56	0.41	ug/m3			04/28/26 10:32	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			04/28/26 10:32	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/28/26 10:32	1
Chlorodifluoromethane	1.77	U	1.77	0.42	ug/m3			04/28/26 10:32	1
Chloroethane	1.32	U	1.32	0.48	ug/m3			04/28/26 10:32	1
Chloroform	0.98	U	0.98	0.20	ug/m3			04/28/26 10:32	1
Chloromethane	1.03	U	1.03	0.31	ug/m3			04/28/26 10:32	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/28/26 10:32	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/28/26 10:32	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/28/26 10:32	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/28/26 10:32	1
Dibromochloromethane	1.70	U	1.70	0.13	ug/m3			04/28/26 10:32	1
Dichlorodifluoromethane	2.47	U	2.47	0.54	ug/m3			04/28/26 10:32	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/28/26 10:32	1
Hexachlorobutadiene	2.13	U	2.13	1.17	ug/m3			04/28/26 10:32	1
Isopropyl alcohol	12.3	U	12.3	3.93	ug/m3			04/28/26 10:32	1
m,p-Xylene	2.17	U	2.17	0.41	ug/m3			04/28/26 10:32	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-807771/10
Matrix: Air
Analysis Batch: 807771

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	2.05	U	2.05	0.62	ug/m3			04/28/26 10:32	1
Methyl Ethyl Ketone (2-Butanone)	1.47	U	1.47	1.45	ug/m3			04/28/26 10:32	1
Methyl methacrylate	2.05	U	2.05	0.57	ug/m3			04/28/26 10:32	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/28/26 10:32	1
Methylene Chloride	1.74	U	1.74	0.63	ug/m3			04/28/26 10:32	1
Naphthalene	2.00	U	2.00	1.57	ug/m3			04/28/26 10:32	1
n-Butane	1.19	U	1.19	0.48	ug/m3			04/28/26 10:32	1
n-Butylbenzene	1.10	U	1.10	0.60	ug/m3			04/28/26 10:32	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/28/26 10:32	1
n-Hexane	1.76	U	1.76	0.39	ug/m3			04/28/26 10:32	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/28/26 10:32	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			04/28/26 10:32	1
sec-Butylbenzene	1.10	U	1.10	0.25	ug/m3			04/28/26 10:32	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/28/26 10:32	1
tert-Butyl alcohol	15.2	U	15.2	3.64	ug/m3			04/28/26 10:32	1
tert-Butylbenzene	1.10	U	1.10	0.26	ug/m3			04/28/26 10:32	1
Tetrachloroethene	1.36	U	1.36	0.14	ug/m3			04/28/26 10:32	1
Tetrahydrofuran	14.7	U	14.7	3.83	ug/m3			04/28/26 10:32	1
Toluene	0.75	U	0.75	0.16	ug/m3			04/28/26 10:32	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/28/26 10:32	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/28/26 10:32	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/28/26 10:32	1
Trichlorofluoromethane	1.12	U	1.12	0.28	ug/m3			04/28/26 10:32	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/28/26 10:32	1
Xylene (total)	2.17	U	2.17	0.061	ug/m3			04/28/26 10:32	1

Lab Sample ID: LCS 410-807771/5
Matrix: Air
Analysis Batch: 807771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	47.70		ug/m3		87	70 - 130
1,1,2,2-Tetrachloroethane	68.7	56.41		ug/m3		82	61 - 130
1,1,2-Trichloroethane	54.6	50.84		ug/m3		93	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	79.61		ug/m3		104	70 - 130
1,1-Dichloroethane	40.5	38.44		ug/m3		95	70 - 130
1,1-Dichloroethene	39.6	44.26		ug/m3		112	70 - 131
1,2,4-Trichlorobenzene	74.2	70.59		ug/m3		95	52 - 143
1,2,4-Trimethylbenzene	49.2	41.28		ug/m3		84	65 - 146
1,2-Dibromoethane	76.8	75.77		ug/m3		99	70 - 130
1,2-Dichlorobenzene	60.1	56.46		ug/m3		94	61 - 139
1,2-Dichloroethane	40.5	29.85		ug/m3		74	70 - 131
1,2-Dichloropropane	46.2	39.92		ug/m3		86	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	67.51		ug/m3		97	70 - 130
1,3,5-Trimethylbenzene	49.2	43.07		ug/m3		88	69 - 141
1,3-Butadiene	22.1	21.90		ug/m3		99	70 - 131
1,3-Dichlorobenzene	60.1	55.00		ug/m3		91	64 - 140
1,4-Dichlorobenzene	60.1	56.69		ug/m3		94	64 - 137

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-807771/5
Matrix: Air
Analysis Batch: 807771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	36.0	33.15		ug/m3		92	70 - 130
2,2,4-Trimethylpentane	46.7	46.98		ug/m3		101	70 - 130
2-Chlorotoluene	51.8	48.45		ug/m3		94	70 - 130
3-Chloropropene	31.3	25.49		ug/m3		81	70 - 137
4-Ethyltoluene	49.2	44.28		ug/m3		90	69 - 139
4-Isopropyltoluene	54.9	49.58		ug/m3		90	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	30.19		ug/m3		74	68 - 133
Acetone	23.8	18.35		ug/m3		77	70 - 137
Benzene	31.9	28.03		ug/m3		88	70 - 130
Benzyl chloride	51.8	46.58		ug/m3		90	57 - 142
Bromodichloromethane	67.0	59.44		ug/m3		89	70 - 130
Bromoethene(Vinyl Bromide)	43.7	49.98		ug/m3		114	70 - 130
Bromoform	103	108.1		ug/m3		105	60 - 139
Bromomethane	38.8	43.15		ug/m3		111	70 - 140
Carbon disulfide	31.1	29.31		ug/m3		94	70 - 130
Carbon tetrachloride	62.9	52.47		ug/m3		83	70 - 130
Chlorobenzene	46.0	41.87		ug/m3		91	70 - 130
Chlorodifluoromethane	35.4	32.99		ug/m3		93	70 - 132
Chloroethane	26.4	22.02		ug/m3		83	70 - 131
Chloroform	48.8	46.16		ug/m3		95	70 - 130
Chloromethane	20.7	15.15		ug/m3		73	64 - 138
cis-1,2-Dichloroethene	39.6	36.84		ug/m3		93	70 - 130
cis-1,3-Dichloropropene	45.4	39.12		ug/m3		86	70 - 130
Cumene	49.2	46.94		ug/m3		95	70 - 137
Cyclohexane	34.4	29.92		ug/m3		87	61 - 130
Dibromochloromethane	85.2	80.95		ug/m3		95	70 - 130
Dichlorodifluoromethane	49.5	49.83		ug/m3		101	70 - 131
Ethylbenzene	43.4	37.09		ug/m3		85	70 - 130
Hexachlorobutadiene	107	102.8		ug/m3		96	40 - 157
Isopropyl alcohol	24.6	17.99		ug/m3		73	62 - 135
m,p-Xylene	43.4	38.26		ug/m3		88	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41.0	28.50		ug/m3		70	57 - 141
Methyl Ethyl Ketone (2-Butanone)	29.5	31.40		ug/m3		106	70 - 130
Methyl methacrylate	40.9	35.95		ug/m3		88	70 - 130
Methyl tert-butyl ether	36.1	32.23		ug/m3		89	70 - 130
Methylene Chloride	34.7	35.20		ug/m3		101	70 - 130
Naphthalene	60.3	46.94		ug/m3		78	22 - 139
n-Butylbenzene	54.9	47.41		ug/m3		86	57 - 143
n-Heptane	41.0	35.63		ug/m3		87	70 - 130
n-Hexane	35.2	27.81		ug/m3		79	61 - 130
N-Propylbenzene	49.2	43.83		ug/m3		89	70 - 130
o-Xylene	43.4	40.39		ug/m3		93	70 - 130
sec-Butylbenzene	54.9	48.97		ug/m3		89	66 - 141
Styrene	42.6	42.26		ug/m3		99	70 - 133
tert-Butyl alcohol	33.6	25.33		ug/m3		75	50 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-807771/5
Matrix: Air
Analysis Batch: 807771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
tert-Butylbenzene	54.9	50.68		ug/m3		92	63 - 130
Tetrachloroethene	67.8	67.43		ug/m3		99	70 - 140
Tetrahydrofuran	29.5	23.44		ug/m3		79	54 - 143
Toluene	37.7	33.67		ug/m3		89	70 - 130
trans-1,2-Dichloroethene	39.6	36.22		ug/m3		91	70 - 130
trans-1,3-Dichloropropene	45.4	42.44		ug/m3		93	70 - 130
Trichloroethene	53.7	59.89		ug/m3		111	70 - 130
Trichlorofluoromethane	56.2	49.76		ug/m3		89	70 - 130
Vinyl chloride	25.6	27.84		ug/m3		109	70 - 135

Lab Sample ID: LCS 410-807771/7
Matrix: Air
Analysis Batch: 807771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	23.8	21.73		ug/m3		91	70 - 130

Lab Sample ID: LCSD 410-807771/6
Matrix: Air
Analysis Batch: 807771

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	54.6	49.81		ug/m3		91	70 - 130	4	25
1,1,2,2-Tetrachloroethane	68.7	58.05		ug/m3		85	61 - 130	3	25
1,1,2-Trichloroethane	54.6	53.15		ug/m3		97	70 - 130	4	25
1,1,2-Trichlorotrifluoroethane	76.6	83.51		ug/m3		109	70 - 130	5	25
1,1-Dichloroethane	40.5	40.92		ug/m3		101	70 - 130	6	25
1,1-Dichloroethene	39.6	46.59		ug/m3		118	70 - 131	5	25
1,2,4-Trichlorobenzene	74.2	74.16		ug/m3		100	52 - 143	5	25
1,2,4-Trimethylbenzene	49.2	43.17		ug/m3		88	65 - 146	4	25
1,2-Dibromoethane	76.8	78.19		ug/m3		102	70 - 130	3	25
1,2-Dichlorobenzene	60.1	59.38		ug/m3		99	61 - 139	5	25
1,2-Dichloroethane	40.5	31.51		ug/m3		78	70 - 131	5	25
1,2-Dichloropropane	46.2	41.78		ug/m3		90	70 - 130	5	25
1,2-Dichlorotetrafluoroethane	69.9	70.89		ug/m3		101	70 - 130	5	25
1,3,5-Trimethylbenzene	49.2	44.65		ug/m3		91	69 - 141	4	25
1,3-Butadiene	22.1	23.03		ug/m3		104	70 - 131	5	25
1,3-Dichlorobenzene	60.1	57.56		ug/m3		96	64 - 140	5	25
1,4-Dichlorobenzene	60.1	57.97		ug/m3		96	64 - 137	2	25
1,4-Dioxane	36.0	34.04		ug/m3		94	70 - 130	3	25
2,2,4-Trimethylpentane	46.7	49.34		ug/m3		106	70 - 130	5	25
2-Chlorotoluene	51.8	50.61		ug/m3		98	70 - 130	4	25
3-Chloropropene	31.3	27.21		ug/m3		87	70 - 137	7	25
4-Ethyltoluene	49.2	46.04		ug/m3		94	69 - 139	4	25
4-Isopropyltoluene	54.9	51.95		ug/m3		95	60 - 148	5	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	31.74		ug/m3		77	68 - 133	5	25
Acetone	23.8	19.63		ug/m3		83	70 - 137	7	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCSD 410-807771/6
Matrix: Air
Analysis Batch: 807771

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			31.9	28.95		ug/m3		91	70 - 130	3	25
Benzyl chloride			51.8	49.39		ug/m3		95	57 - 142	6	25
Bromodichloromethane			67.0	61.80		ug/m3		92	70 - 130	4	25
Bromoethene(Vinyl Bromide)			43.7	52.75		ug/m3		121	70 - 130	5	25
Bromoform			103	106.7		ug/m3		103	60 - 139	1	25
Bromomethane			38.8	46.32		ug/m3		119	70 - 140	7	25
Carbon disulfide			31.1	30.69		ug/m3		99	70 - 130	5	25
Carbon tetrachloride			62.9	55.81		ug/m3		89	70 - 130	6	25
Chlorobenzene			46.0	43.89		ug/m3		95	70 - 130	5	25
Chlorodifluoromethane			35.4	34.20		ug/m3		97	70 - 132	4	25
Chloroethane			26.4	23.38		ug/m3		89	70 - 131	6	25
Chloroform			48.8	48.37		ug/m3		99	70 - 130	5	25
Chloromethane			20.7	15.75		ug/m3		76	64 - 138	4	25
cis-1,2-Dichloroethene			39.6	38.81		ug/m3		98	70 - 130	5	25
cis-1,3-Dichloropropene			45.4	41.12		ug/m3		91	70 - 130	5	25
Cumene			49.2	45.22		ug/m3		92	70 - 137	4	25
Cyclohexane			34.4	31.46		ug/m3		91	61 - 130	5	25
Dibromochloromethane			85.2	85.10		ug/m3		100	70 - 130	5	25
Dichlorodifluoromethane			49.5	51.58		ug/m3		104	70 - 131	3	25
Ethylbenzene			43.4	38.82		ug/m3		89	70 - 130	5	25
Hexachlorobutadiene			107	108.9		ug/m3		102	40 - 157	6	25
Isopropyl alcohol			24.6	19.80		ug/m3		81	62 - 135	10	25
m,p-Xylene			43.4	39.94		ug/m3		92	70 - 130	4	25
Methyl Butyl Ketone (2-Hexanone)			41.0	29.81		ug/m3		73	57 - 141	5	25
Methyl Ethyl Ketone (2-Butanone)			29.5	32.65		ug/m3		111	70 - 130	4	25
Methyl methacrylate			40.9	37.85		ug/m3		92	70 - 130	5	25
Methyl tert-butyl ether			36.1	34.02		ug/m3		94	70 - 130	5	25
Methylene Chloride			34.7	37.11		ug/m3		107	70 - 130	5	25
Naphthalene			60.3	49.04		ug/m3		81	22 - 139	4	25
n-Butylbenzene			54.9	49.64		ug/m3		90	57 - 143	5	25
n-Heptane			41.0	36.62		ug/m3		89	70 - 130	3	25
n-Hexane			35.2	29.27		ug/m3		83	61 - 130	5	25
N-Propylbenzene			49.2	46.32		ug/m3		94	70 - 130	6	25
o-Xylene			43.4	38.32		ug/m3		88	70 - 130	5	25
sec-Butylbenzene			54.9	50.66		ug/m3		92	66 - 141	3	25
Styrene			42.6	40.19		ug/m3		94	70 - 133	5	25
tert-Butyl alcohol			33.6	26.03		ug/m3		77	50 - 130	3	25
tert-Butylbenzene			54.9	53.10		ug/m3		97	63 - 130	5	25
Tetrachloroethene			67.8	69.16		ug/m3		102	70 - 140	3	25
Tetrahydrofuran			29.5	24.68		ug/m3		84	54 - 143	5	25
Toluene			37.7	35.56		ug/m3		94	70 - 130	5	25
trans-1,2-Dichloroethene			39.6	37.79		ug/m3		95	70 - 130	4	25
trans-1,3-Dichloropropene			45.4	44.37		ug/m3		98	70 - 130	4	25
Trichloroethene			53.7	62.60		ug/m3		116	70 - 130	4	25
Trichlorofluoromethane			56.2	52.04		ug/m3		93	70 - 130	4	25
Vinyl chloride			25.6	28.93		ug/m3		113	70 - 135	4	25

Client: AKRF Inc
Job ID: 460-349754-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: LCSD 410-807771/8
Client Sample ID: Lab Control Sample Dup
Matrix: Air
Prep Type: Total/NA
Analysis Batch: 807771

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butane			23.8	22.01		ug/m3		93	70 - 130	1	25

QC Association Summary

Client: AKRF Inc
Job ID: 460-349754-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Air - GC/MS VOA

Analysis Batch: 807771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-349754-1	SVE-EFF_20260427	Total/NA	Air	TO 15 LL	
MB 410-807771/10	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-807771/5	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-807771/7	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCSD 410-807771/6	Lab Control Sample Dup	Total/NA	Air	TO 15 LL	
LCSD 410-807771/8	Lab Control Sample Dup	Total/NA	Air	TO 15 LL	

Lab Chronicle

Client: AKRF Inc
Job ID: 460-349754-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Client Sample ID: SVE-EFF_20260427
Lab Sample ID: 460-349754-1
Date Collected: 04/27/26 10:10
Matrix: Air
Date Received: 04/27/26 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	807771	JXC9	ELLE	04/28/26 20:39

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-349754-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO 15 LL		Air	4-Ethyltoluene
TO 15 LL		Air	4-Isopropyltoluene
TO 15 LL		Air	Chlorodifluoromethane
TO 15 LL		Air	Methyl Butyl Ketone (2-Hexanone)
TO 15 LL		Air	n-Butane
TO 15 LL		Air	n-Butylbenzene
TO 15 LL		Air	N-Propylbenzene
TO 15 LL		Air	sec-Butylbenzene
TO 15 LL		Air	tert-Butylbenzene
TO 15 LL		Air	Tetrahydrofuran

Method Summary

Client: AKRF Inc
Job ID: 460-349754-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Method	Method Description	Protocol	Laboratory
TO 15 LL	Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: AKRF Inc
Job ID: 460-349754-1
Project/Site: Bud North - 2-21 Malt Drive, Long Island

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-349754-1	SVE-EFF_20260427	Air	04/27/26 10:10	04/27/26 19:15	New York

Chain of Custody Record

686131

eurofins | Environment Testing America

Address:

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: P. Diggins	Site Contact: B Hess	Date:	COC No:
Company Name: AKRF	Tel/Email:	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Ave S	Analysis Turnaround Time			Sampler:
City/State/Zip: NYC, NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below			Walk-in Client:
Fax:	☐ 2 weeks AKRF			Lab Sampling:
Project Name: Bulk North	☐ 1 week standard			
Site: 2-21 Malt Drive, LIC, NY 11101	☐ 2 days			Job / SDG No.:
PO # 200122	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TO-15	Sample Specific Notes:
SVE-EFF_20260427	4/27/26	10:10	Grab	S.V.	2			X	

NYC 222

460-349754 Chain of Custody

349754

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Report ND air C.O.C. provided Batch ID - 28240615

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: Ben Hess	Company: AKRF	Date/Time: 04/27/26	Received by:	Company:	Date/Time: 4/27/26
Relinquished by:	Company:	Date/Time:	Received by: M. Mitchell	Company: EET	Date/Time: 4/27/26 1800
Relinquished by: M. Mitchell	Company: EET 4/27/26	Date/Time: 1915	Received in Laboratory by:	Company: EPA	Date/Time: 4/27 1915

AW

4-28-26 0200 GME

4/27/26 0200 EET

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-349754-1

Login Number: 349754

List Source: Eurofins Edison

List Number: 1

Creator: Nelson, Rose E

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-349754-1

Login Number: 349754
List Number: 2
Creator: Williams, Aeric

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 04/28/26 10:39 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	False	Thermal preservation not required.
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	