



Environmental, Planning, and Engineering Consultants

440 Park Avenue South
7th Floor
New York, NY 10016
tel: 212 696-0670
fax: 929 284-1085
www.akrf.com

March 1, 2024

Mr. Shawn Roberts
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7016

**Re: Groundwater Monitoring Report
2477 Third Avenue Property, Bronx NY
Tax Block 2320, Lot 11
BCP No. C203047**

Dear Mr. Roberts:

AKRF is pleased to provide this Groundwater Monitoring Report on behalf of Jiten, LLC (the Volunteer) for the Brownfield Cleanup Program (BCP) 2477 Third Avenue property in the Bronx, New York (the "2477 Third Avenue Property"). A site location map is provided as Figure 1. This report provides the analytical results of the groundwater sampling event conducted in February 2024.

Summary of In-Situ Treatments

Since the removal of the 9 underground storage tanks (USTs) and approximately 1,500 tons of petroleum-contaminated soil in May and June 2012, AKRF has conducted the following in-situ treatments:

- June 2012: Conducted the application of 70 pounds of Regensis Oxygen Release Compound (ORC) Advanced[®] and 200 pounds of Regenox[™] treatment via 18 temporary injection wells.
- June 2013: Conducted the application of Chemical Oxidation (CO) treatments consisting of approximately 5,300 gallons of an oxidant slurry solution containing 6% sodium persulfate and 8-9% calcium peroxide (approximately 3,000 pounds of sodium persulfate and 4,000 pounds of calcium peroxide) via 24 temporary injection wells.
- August 2013: Conducted the application of CO treatments consisting of approximately 14,900 gallons of a 6% solution of hydrogen peroxide combined with approximately 2.8% ferrous sulfate and 5.5% sodium citrate via 53 temporary injection wells. An additional 1,500 gallons of an 8% solution of sodium persulfate was injected into 16 of the wells where liquid surfacing was observed.

- December 2013: Attempted an EFR and supplemental in-situ treatment program via a test pit in the southern corner of the 2477 Third Avenue Property. However, site constraints, a two-foot drop in the water table elevation, and a considerable amount of fine-grained sediments in the subsurface hindered the ability of the pumping activities to have a significant effect on the contaminant levels. Although the EFR activities were discontinued, approximately 300 pounds of CO material were applied to the exposed water table and underlying soil. The treatment consisted of sodium persulfate combined with an engineered form of calcium peroxide, which has a “capping” agent that allows oxygen release over a longer time frame.
- May 2015: Injected approximately 4,400 gallons of a CO solution containing 5-7% sodium percarbonate activated with minimal sodium citrate and ferrous sulfate via the on-site injection wells.
- July 2017: Injected approximately 4,400 gallons of a CO solution containing 5-7% sodium percarbonate activated with minimal sodium citrate and ferrous sulfate via the on-site injection wells.

Enhanced Fluid Recovery (EFR) Events

Six rounds of EFR from on-site wells were conducted between May 2014 and August 2016 using a vacuum truck to remove the desorbed volatile organic compounds (VOCs). The following is a summary of the EFR events:

Summary of EFR Events

Date	Location	Total Gallons Removed
May 7, 2014	Temporary 2-inch well points OW-2 and OW-3 and Permanent Monitoring Well MW-2 / ASR-MW-8	2,228
Nov 11, 2014	MW-1 through MW-4/ASR-MW-8	670
Jan 16, 2015	MW-1 through MW-4/ASR-MW-8	1,450
August 11 – 13, 2015	MW-1 through MW-4 and IW-1 through IW-5	8,215
Dec 4, 2015	MW-1 through MW-4 and IW-1 through IW-5	2,416
Aug 10, 2016	MW-1 through MW-4 and IW-1 through IW-6	1,163

Monitoring Well Sampling

Groundwater was gauged and sampled on February 1, 2024, in accordance with the procedures outlined in the Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan/Remedial Work Plan (RAWP/RWP) dated June 2011. Groundwater samples were analyzed by a New York State Department of Health-certified laboratory for VOCs using EPA Method 8260, and semi-volatile organic compounds (SVOCs) using EPA Method 8270. No free product or sheen was noted in the groundwater from the wells; however, petroleum-like odors were noted in MW-2. MW-2, which is off-site, has been dry since March 2022 and, therefore, not sampled since. The casing was compromised and the well will be replaced.

The well locations are shown on Figure 2.

Groundwater Data Evaluation and Quarterly Reporting

Groundwater Elevation Data

Groundwater elevation data was collected at approximately 10:00 AM on February 1, 2024, and is provided in the following table:

February 2024 Groundwater Elevation Data (in feet)

Monitoring Well ID	MW-1	MW-2	MW-3	MW-4
Depth to Water	7.84	-	7.52	7.80
Groundwater Elevation*	1.21	-	1.55	1.30
*Elevation datum = NAVD 1988 GEOID 12A				

High tide was at 2:57 am and 3:19 pm on February 1, 2024. The groundwater elevations measured during the sampling events are plotted on Charts 1 through 4. Groundwater elevations in monitoring wells suggest a south-westerly groundwater flow direction, as shown on Figure 2.

Groundwater Analytical Data

A summary of the analytical results of the quarterly groundwater monitoring event is provided in the attached tables (Tables 1 and 2). The laboratory analytical data sheets are provided in Attachment A. The groundwater sampling logs are provided in Attachment B. Trend analyses of the following indicator compounds, identified in the August 2011 Decision Document, are provided in Charts 1 through 4:

- 1,2,4-trimethylbenzene
- Benzene
- Ethylbenzene
- MTBE
- Naphthalene
- Total Xylenes
- Toluene

Since earlier groundwater monitoring events were conducted prior to the installation of permanent wells installed in August 2014, the trend analyses were produced through a combination of data collected from previous monitoring wells removed during the tank removals and contaminated soil excavation activities (ASR-MW-1 and ASR-MW-3), temporary well points (MW-1 through MW-4, OW-2 and OW-3), and an existing monitoring well (ASR-MW-8), as shown on Figure 2. The following table provides a history of the sampled wells:

History of Sampled Wells

Well ID	Description
ASR-MW-1, ASR-MW-3, ASR-MW-8	Permanent monitoring wells installed by ASR in 2007 and 2008. ASR-MW-1 and ASR-MW-3 were removed during AKRF's May 2012 UST and contaminated soil removal activities. ASR-MW-8 is still present.
MW-1 through MW-4	Temporary well points installed during the March 2013 groundwater monitoring event. The wells were removed following the collection of the groundwater samples. Permanent wells MW-1, MW-3 and MW-4 were installed in August 2014; MW-2 is the corner sidewalk well also known as ASR-MW-8.
OW-2 and OW-3	Well points installed during the June 2013 treatment application. The wells are no longer present.

The sampling locations, corresponding chart number and associated sampling timeline are provided in the following table:

Sampling Locations and Timeline

Sampling Location	Chart	Sampling Dates/Sample IDs															
		9-Oct	10-Nov	13-Mar	13-Jul	13-Sep	14-Apr	14-Aug	14-Nov	15-Jan	15-Aug	16-Mar	16-Jun	16-Oct	17-Mar	17-Nov	
MW-1/ ASR-MW-3/ OW-2	1	ASR-MW-3	ASR-MW-3	MW-1	OW-2	OW-2	OW-2	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	
MW-2/ ASR-MW-8	2	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	ASR-MW-8	MW-2	MW-2
MW-3/ OW-3	3	NS	NS	MW-3	OW-3	OW-3	OW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
MW-4/ ASR-MW-1	4	ASR-MW-1	ASR-MW-1	MW-4	NS	NS	NS	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
NOTES: NS = Location Not Sampled																	

Since 2017, there have been no adjustments to the well IDs, well locations, etc. and monitoring wells MW-1 through MW-4 were sampled.

Discussion and Conclusions

The February 2024 sampling results detected continued decreasing levels of target compounds at the 2477 Third Avenue Property since March 2022. Water quality data is provided in the groundwater sampling logs in Attachment B and are summarized in the following Table:

February 1, 2024

Well No.	DO (mg/L)	ORP (mV)	pH
MW-1	6.53 to 5.15	-71.7 to -26.5	7.28 to 7.33
MW-2	-	-	-
MW-3	0.65 to 0.21	-82.7 to 30.4	7.17 to 7.23
MW-4	0.16 to 1.15	-159.2 to -149.1	6.77 to 6.89

Future groundwater sampling events will be conducted quarterly in accordance with the SMP. MW-2 will be removed, inspected for product and reinstalled for the next sampling event.

AKRF looks forward to your review of this report and thanks you for your continued assistance in achieving the established remedial goals. Please contact me at (646) 388-9529 if you have any questions or comments.

Sincerely,



Axel Schwendt
Vice President

Figure 1: Site Location

Figure 2: Site Plan and Groundwater Elevations

Table 1: Analytical Results of Volatile Organic Compounds (VOCs)

Table 2: Analytical Results of Semivolatile Organic Compounds (SVOCs)

Chart 1: MW-1/ASR-MW-3/OW-2

Chart 2: MW-2/ASR-MW-8

Chart 3: MW-3/OW-3

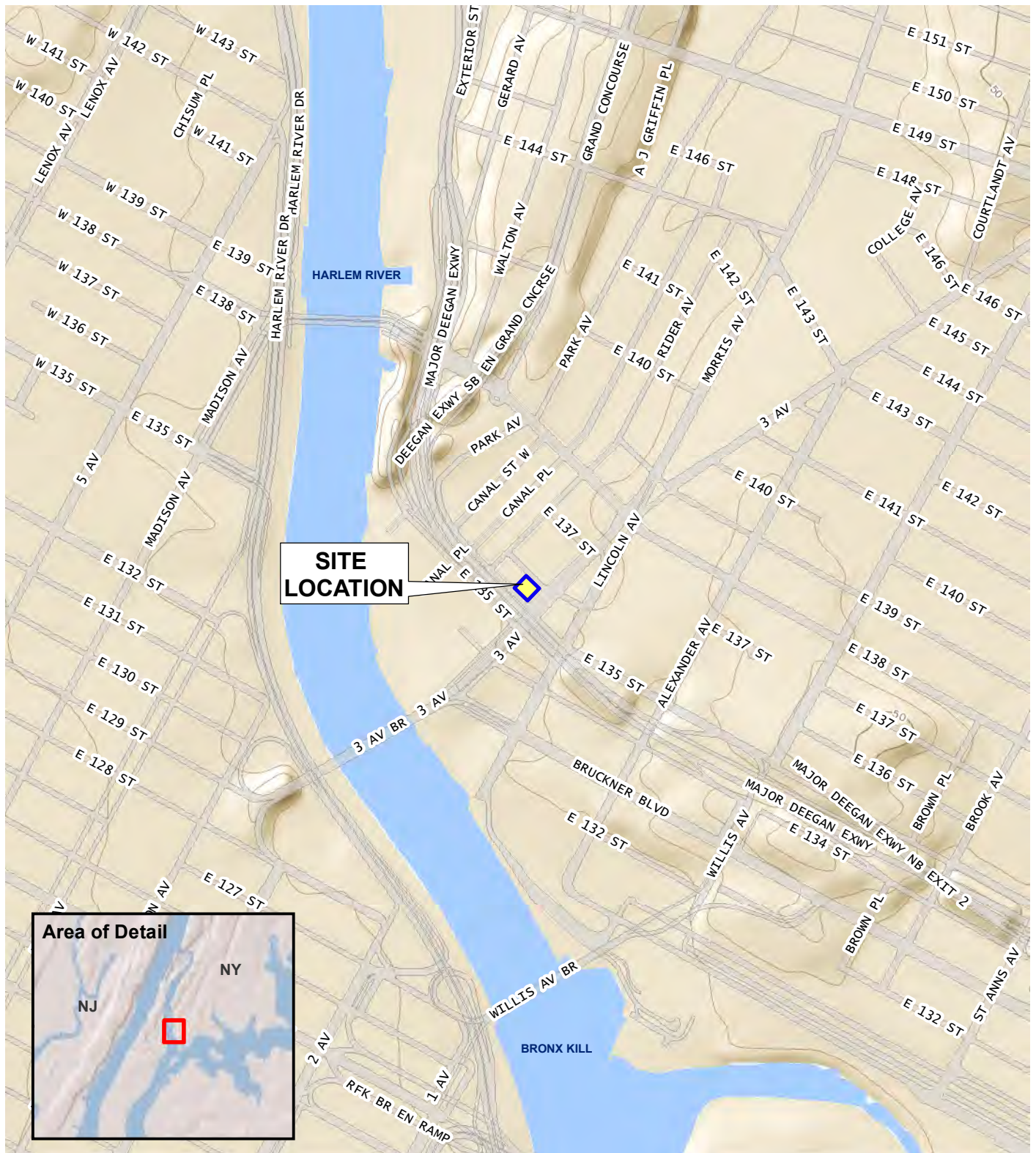
Chart 4: MW-4 / ASR-MW-1

Attachment A: Laboratory Analytical Data Sheets

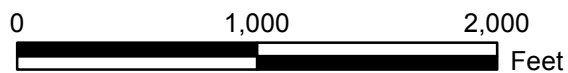
Attachment B: Groundwater Sampling Logs

cc: S. Patel, B. Patel – Jiten LLC
M. Lapin – AKRF

FIGURES



SOURCE
 USGS 7.5 Minute Topographic Map
 Central Park Quad 2011



2477 Third Avenue
 Bronx, New York

SITE LOCATION

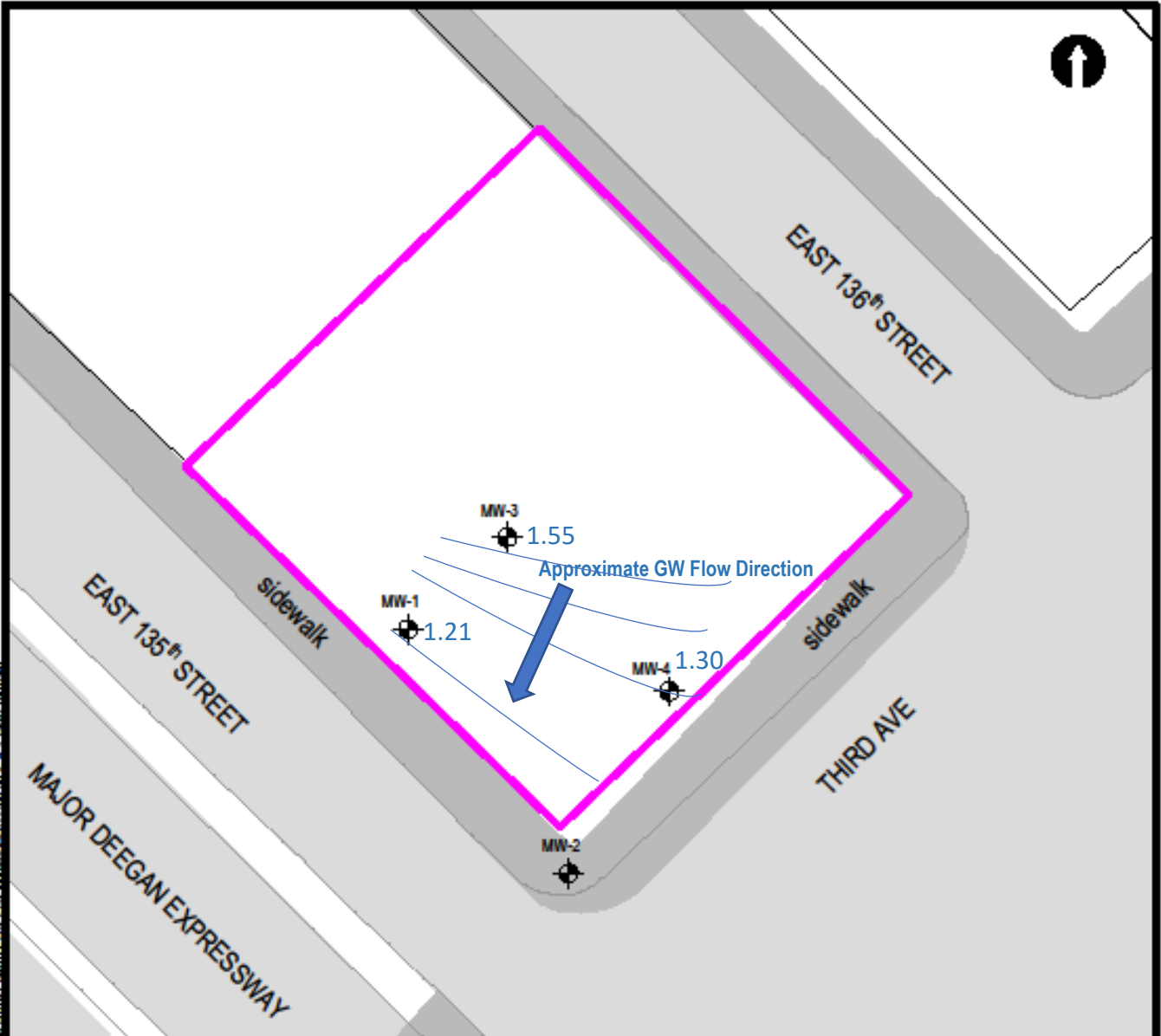


Environmental Consultants
 440 Park Avenue South, New York, N.Y. 10016



DATE
3/12/2023

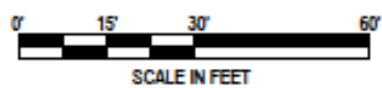
PROJECT No.
11160

FIGURE
1



LEGEND:

- PROJECT SITE BOUNDARY
-  LOCATION OF MONITORING WELL
-  LOCATION OF 2" INJECTION WELL
- GW CONTOUR INTERVAL = 0.1'



©2016 AKRF, Inc. Environmental Consultants, 440 Park Avenue South, New York, NY 10016. 2022 Third Avenue, Bronx, NY 10458. Project: 11180. Date: 2.10.2024

2477 Third Avenue
Bronx, New York

**LOCATIONS OF PERMANENT
MONITORING WELLS**

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
2.10.2024

PROJECT No.
11180

SCALE
as shown

FIGURE
2

TABLES

Table 1
2477 Third Avenue
Bronx, NY
Groundwater Monitoring
Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID	MW-01_20240201	MW-03_20240201	MW-04_20240201	TB_20240201	
Laboratory Sample ID	460-297376-1	460-297376-2	460-297376-3	460-297376-4	
Date Sampled	02/01/2024	02/01/2024	02/01/2024	02/01/2024	
Dilution	1	1	1	1	
Units	µg/L	µg/L	µg/L	µg/L	
Analyte	AWQSGVs	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	8.7	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	5	1 U	1 U	1.7	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U
2-Butanone (MEK)	50	5 U	5 U	2.3 J	5 U
2-Hexanone	50	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	NS	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U
Benzene	1	2.4	1 U	2.7	1 U
Bromoform	50	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U
Carbon disulfide	60	1 U	1 U	1 U	1 U
Carbon tetrachloride	5	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U
Chlorobromomethane	5	1 U	1 U	1 U	1 U
Chlorodibromomethane	50	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	0.27 J	1 U	1 U	1 U
cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U
Cyclohexane	NS	10	1 U	23	1 U
Dichlorobromomethane	50	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U
Ethylbenzene	5	3.1	1 U	18	1 U
Ethylene Dibromide	0.0006	1 U	1 U	1 U	1 U
Isopropylbenzene	5	15	1 U	60	1 U
Methyl acetate	NS	5 U	5 U	5 U	5 U
Methyl tert-butyl ether	10	6.4 *	1.1	3.6 *	1 U *
Methylcyclohexane	NS	12	1 U	25	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U
m-Xylene & p-Xylene	5	2.2	1 U	30	1 U
n-Butylbenzene	5	1.8	1 U	5.3	1 U
N-Propylbenzene	5	18	1 U	130	1 U
o-Xylene	5	0.72 J	1 U	7.2	1 U
sec-Butylbenzene	5	4.4	1 U	11	1 U
Styrene	5	1 U	1 U	1 U	1 U
tert-Butylbenzene	5	0.35 J	1 U	0.78 J	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U
Toluene	5	1	1 U	0.47 J	1 U
trans-1,2-Dichloroethene	5	1 U *	1 U	1 U *	1 U *
trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2.9	2 U	37	2 U
Total Conc	NS	80.54	1.1	366.75	0

Table 2
2477 Third Avenue
Bronx, NY

Groundwater Monitoring

Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID	MW-01_20240201	MW-03_20240201	MW-04_20240201	
Laboratory Sample ID	460-297376-1	460-297376-2	460-297376-3	
Date Sampled	02/01/2024	02/01/2024	02/01/2024	
Dilution	1	1	1	
Units	µg/L	µg/L	µg/L	
Analyte	AWQSGVs	CONC Q	CONC Q	CONC Q
1,1'-Biphenyl	5	10 U	10 U	10 U
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U
1,4-Dioxane	NS	10 U	10 U	10 U
2,2'-oxybis[1-chloropropane]	5	10 U	10 U	10 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U
2,4-Dinitrophenol	10	40 U	40 U	40 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	0.99 J
2-Methylphenol	NS	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U
3 & 4 Methylphenol	NS	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	NS	20 U	20 U	20 U
4-Bromophenyl phenyl ether	NS	10 U	10 U	10 U
4-Chloro-3-methylphenol	NS	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	NS	10 U	10 U	10 U
4-Methylphenol	NS	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U
4-Nitrophenol	NS	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 U
Benzaldehyde	NS	10 U	10 U	10 U
Benzo[a]anthracene	0.002	1 U	1 U	1 U
Benzo[a]pyrene	ND	1 U	1 U	1 U
Benzo[b]fluoranthene	0.002	2 U	2 U	2 U
Benzo[g,h,i]perylene	NS	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002	1 U	1 U	1 U
Bis(2-chloroethoxy)methane	5	10 U	10 U	10 U
Bis(2-chloroethyl)ether	1	1 U	1 U	1 U
Bis(2-ethylhexyl) phthalate	5	2 U	2 U	2 U
Butyl benzyl phthalate	50	10 U	10 U	10 U
Caprolactam	NS	10 U	10 U	10 U
Carbazole	NS	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U
Dibenz(a,h)anthracene	NS	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U
Diethyl phthalate	50	10 U	10 U	10 U
Dimethyl phthalate	50	10 U	10 U	10 U
Di-n-butyl phthalate	50	10 U	10 U	10 U
Di-n-octyl phthalate	50	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U
Indeno[1,2,3-cd]pyrene	0.002	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U
Naphthalene	10	2.2	2 U	7
Nitrobenzene	0.4	1 U	1 U	1 U
N-Nitrosodi-n-propylamine	NS	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U
Phenol	NS	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U
Total Conc	NS	2.2	0	7.99

Tables 1-2
2477 Third Avenue
Bronx, NY
Groundwater Monitoring
Notes

DEFINITIONS

J : The concentration given is an estimated value.

ND : The standard is a non-detectable concentration by the approved analytical method.

NS : No standard.

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

* : LCS or LCSD is outside acceptable limits.

µg/L : micrograms per liter

STANDARDS

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

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

CHARTS

Chart 1: MW-1/ASR-MW-3/OW-2

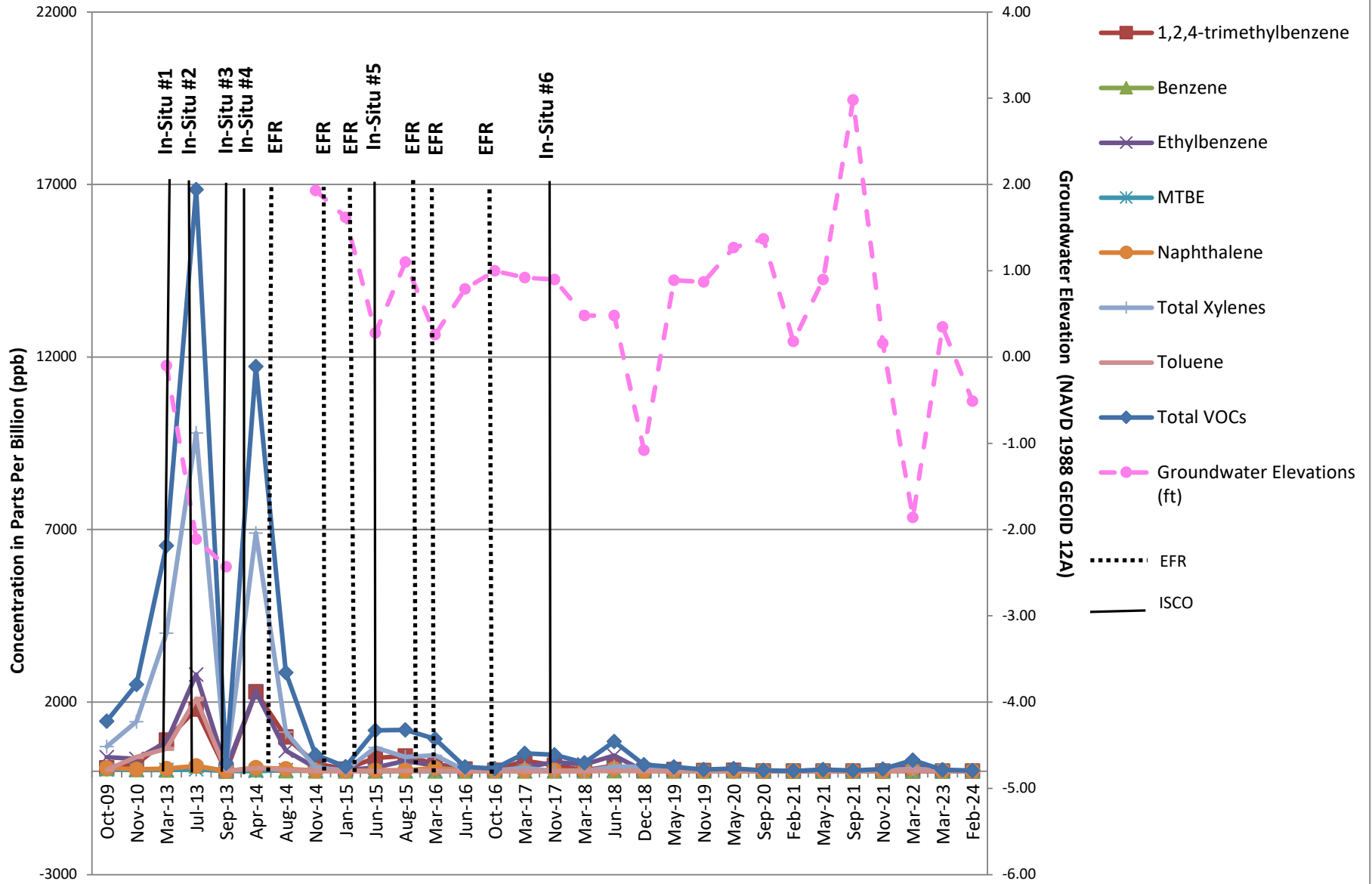


Chart 3: MW-3/OW-3

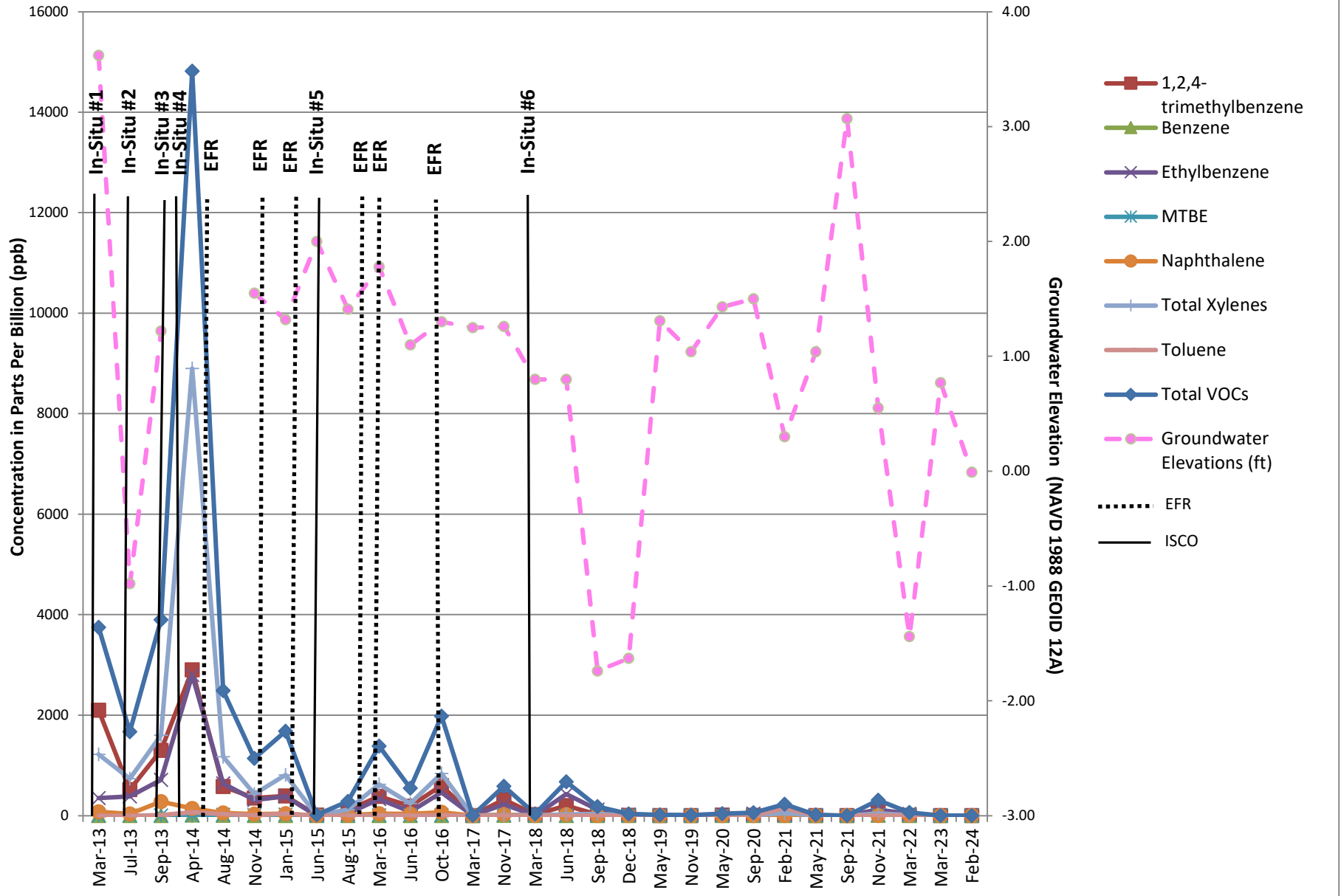
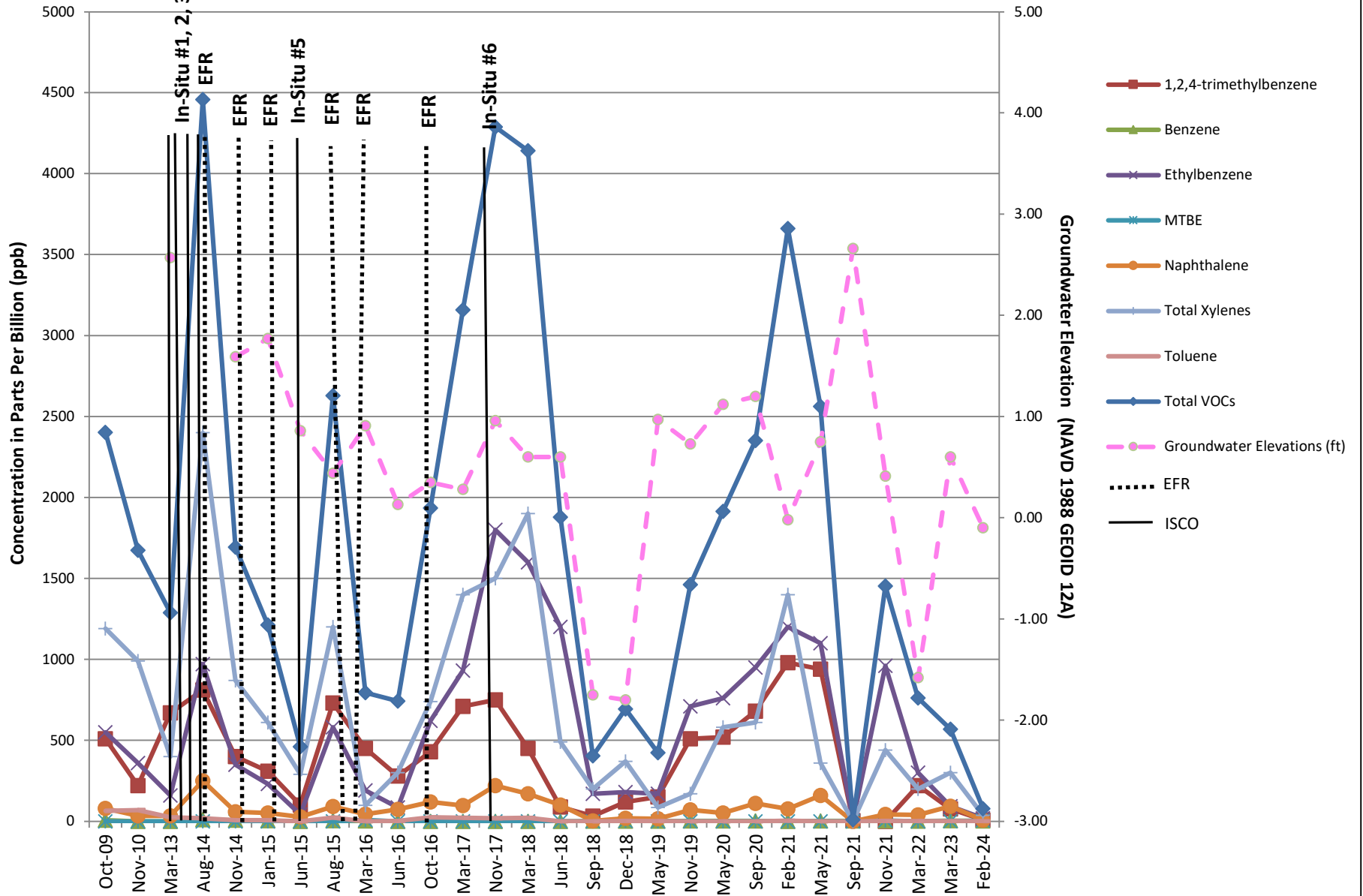


Chart 4: MW-4 / ASR-MW-1



ATTACHMENT A
LABORATORY ANALYTICAL DATA SHEETS



ANALYTICAL REPORT

PREPARED FOR

Attn: Axel Schwendt
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 2/7/2024 12:48:25 PM

JOB DESCRIPTION

2477 Third Ave Bronx - Jiten

JOB NUMBER

460-297376-1

Eurofins Edison

Job Notes

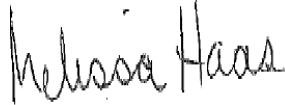
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Authorized for release by
Melissa Haas, Senior Project Manager
Melissa.Haas@et.eurofinsus.com
(203)308-0880

Generated
2/7/2024 12:48:25 PM



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	18
QC Sample Results	19
QC Association Summary	36
Lab Chronicle	37
Certification Summary	38
Method Summary	39
Sample Summary	40
Chain of Custody	41
Receipt Checklists	43

Definitions/Glossary

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
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

Case Narrative

Client: AKRF Inc
Project: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Job ID: 460-297376-1

Eurofins Edison

Job Narrative 460-297376-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/1/2024 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Method 8260D - Volatile Organic Compounds by GC/MS

Samples MW-01_20240201 (297376-1), MW-03_20240201 (297376-2), MW-04_20240201 (297376-3) and TB_20240201 (297376-4) were analyzed for Volatile Organic Compounds by GC/MS. The samples were analyzed on 2/5/2024 and 2/6/2024.

The laboratory control sample (LCS) associated with analytical batch 460-957924 was outside acceptance criteria for Methyl tert-butyl ether and trans-1,2-Dichloroethene. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

The continuing calibration verification (CCV) analyzed in batch 460-958092 was outside the method criteria for Methyl acetate (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E - Semivolatile Organic Compounds (GC/MS)

Samples MW-01_20240201 (297376-1), MW-03_20240201 (297376-2) and MW-04_20240201 (297376-3) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared and analyzed on 2/5/2024.

The surrogate recovery for the blank associated with preparation batch 460-957942 and analytical batch 460-957979 was outside the upper control limits.

The continuing calibration verification (CCV) analyzed in batch 460-957979 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Eurofins Edison

Detection Summary

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-01_20240201

Lab Sample ID: 460-297376-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.4		1.0	0.20	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.27	J	1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	10		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	3.1		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	15		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	6.4	*	1.0	0.22	ug/L	1		8260D	Total/NA
Methylcyclohexane	12		1.0	0.71	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	2.2		1.0	0.30	ug/L	1		8260D	Total/NA
n-Butylbenzene	1.8		1.0	0.32	ug/L	1		8260D	Total/NA
N-Propylbenzene	18		1.0	0.32	ug/L	1		8260D	Total/NA
o-Xylene	0.72	J	1.0	0.36	ug/L	1		8260D	Total/NA
sec-Butylbenzene	4.4		1.0	0.37	ug/L	1		8260D	Total/NA
tert-Butylbenzene	0.35	J	1.0	0.34	ug/L	1		8260D	Total/NA
Toluene	1.0		1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	2.9		2.0	0.65	ug/L	1		8260D	Total/NA
Naphthalene	2.2		2.0	0.54	ug/L	1		8270E	Total/NA

Client Sample ID: MW-03_20240201

Lab Sample ID: 460-297376-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	1.1		1.0	0.22	ug/L	1		8260D	Total/NA

Client Sample ID: MW-04_20240201

Lab Sample ID: 460-297376-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	8.7		1.0	0.37	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	1.7		1.0	0.33	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	2.3	J	5.0	1.9	ug/L	1		8260D	Total/NA
Benzene	2.7		1.0	0.20	ug/L	1		8260D	Total/NA
Cyclohexane	23		1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	18		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	60		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	3.6	*	1.0	0.22	ug/L	1		8260D	Total/NA
Methylcyclohexane	25		1.0	0.71	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	30		1.0	0.30	ug/L	1		8260D	Total/NA
n-Butylbenzene	5.3		1.0	0.32	ug/L	1		8260D	Total/NA
N-Propylbenzene	130		1.0	0.32	ug/L	1		8260D	Total/NA
o-Xylene	7.2		1.0	0.36	ug/L	1		8260D	Total/NA
sec-Butylbenzene	11		1.0	0.37	ug/L	1		8260D	Total/NA
tert-Butylbenzene	0.78	J	1.0	0.34	ug/L	1		8260D	Total/NA
Toluene	0.47	J	1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	37		2.0	0.65	ug/L	1		8260D	Total/NA
2-Methylnaphthalene	0.99	J	10	0.53	ug/L	1		8270E	Total/NA
Naphthalene	7.0		2.0	0.54	ug/L	1		8270E	Total/NA

Client Sample ID: TB_20240201

Lab Sample ID: 460-297376-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-01_20240201

Lab Sample ID: 460-297376-1

Date Collected: 02/01/24 14:15

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/05/24 18:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/05/24 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/05/24 18:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/05/24 18:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/05/24 18:14	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/05/24 18:14	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/05/24 18:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/05/24 18:14	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/05/24 18:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/05/24 18:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/05/24 18:14	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/05/24 18:14	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/05/24 18:14	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/05/24 18:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/05/24 18:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/05/24 18:14	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			02/05/24 18:14	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/05/24 18:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/05/24 18:14	1
Acetone	5.0	U	5.0	4.4	ug/L			02/05/24 18:14	1
Benzene	2.4		1.0	0.20	ug/L			02/05/24 18:14	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/05/24 18:14	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/05/24 18:14	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/05/24 18:14	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/05/24 18:14	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/05/24 18:14	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/05/24 18:14	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			02/05/24 18:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/05/24 18:14	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/05/24 18:14	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/05/24 18:14	1
cis-1,2-Dichloroethene	0.27	J	1.0	0.22	ug/L			02/05/24 18:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/05/24 18:14	1
Cyclohexane	10		1.0	0.32	ug/L			02/05/24 18:14	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			02/05/24 18:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/05/24 18:14	1
Ethylbenzene	3.1		1.0	0.30	ug/L			02/05/24 18:14	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/05/24 18:14	1
Isopropylbenzene	15		1.0	0.34	ug/L			02/05/24 18:14	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/05/24 18:14	1
Methyl tert-butyl ether	6.4	*	1.0	0.22	ug/L			02/05/24 18:14	1
Methylcyclohexane	12		1.0	0.71	ug/L			02/05/24 18:14	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/05/24 18:14	1
m-Xylene & p-Xylene	2.2		1.0	0.30	ug/L			02/05/24 18:14	1
n-Butylbenzene	1.8		1.0	0.32	ug/L			02/05/24 18:14	1
N-Propylbenzene	18		1.0	0.32	ug/L			02/05/24 18:14	1
o-Xylene	0.72	J	1.0	0.36	ug/L			02/05/24 18:14	1
sec-Butylbenzene	4.4		1.0	0.37	ug/L			02/05/24 18:14	1
Styrene	1.0	U	1.0	0.42	ug/L			02/05/24 18:14	1

Client Sample Results

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-01_20240201

Lab Sample ID: 460-297376-1

Date Collected: 02/01/24 14:15

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.35	J	1.0	0.34	ug/L			02/05/24 18:14	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/05/24 18:14	1
Toluene	1.0		1.0	0.38	ug/L			02/05/24 18:14	1
trans-1,2-Dichloroethene	1.0	U *	1.0	0.24	ug/L			02/05/24 18:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/05/24 18:14	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/05/24 18:14	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/05/24 18:14	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/05/24 18:14	1
Xylenes, Total	2.9		2.0	0.65	ug/L			02/05/24 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 128		02/05/24 18:14	1
4-Bromofluorobenzene	102		76 - 120		02/05/24 18:14	1
Dibromofluoromethane (Surr)	116		77 - 132		02/05/24 18:14	1
Toluene-d8 (Surr)	103		80 - 120		02/05/24 18:14	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 15:20	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 15:20	1
1,4-Dioxane	10	U	10	1.6	ug/L		02/05/24 09:33	02/05/24 15:20	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		02/05/24 09:33	02/05/24 15:20	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 15:20	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		02/05/24 09:33	02/05/24 15:20	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		02/05/24 09:33	02/05/24 15:20	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		02/05/24 09:33	02/05/24 15:20	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		02/05/24 09:33	02/05/24 15:20	1
2,4-Dinitrophenol	40	U	40	2.6	ug/L		02/05/24 09:33	02/05/24 15:20	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		02/05/24 09:33	02/05/24 15:20	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		02/05/24 09:33	02/05/24 15:20	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 15:20	1
2-Chlorophenol	10	U	10	0.38	ug/L		02/05/24 09:33	02/05/24 15:20	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		02/05/24 09:33	02/05/24 15:20	1
2-Methylphenol	10	U	10	0.67	ug/L		02/05/24 09:33	02/05/24 15:20	1
2-Nitroaniline	10	U	10	0.47	ug/L		02/05/24 09:33	02/05/24 15:20	1
2-Nitrophenol	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 15:20	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		02/05/24 09:33	02/05/24 15:20	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		02/05/24 09:33	02/05/24 15:20	1
3-Nitroaniline	10	U	10	1.9	ug/L		02/05/24 09:33	02/05/24 15:20	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		02/05/24 09:33	02/05/24 15:20	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 15:20	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		02/05/24 09:33	02/05/24 15:20	1
4-Chloroaniline	10	U	10	1.9	ug/L		02/05/24 09:33	02/05/24 15:20	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		02/05/24 09:33	02/05/24 15:20	1
4-Methylphenol	10	U	10	0.65	ug/L		02/05/24 09:33	02/05/24 15:20	1
4-Nitroaniline	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 15:20	1
4-Nitrophenol	20	U	20	4.0	ug/L		02/05/24 09:33	02/05/24 15:20	1
Acenaphthene	10	U	10	1.1	ug/L		02/05/24 09:33	02/05/24 15:20	1
Acenaphthylene	10	U	10	0.82	ug/L		02/05/24 09:33	02/05/24 15:20	1
Acetophenone	10	U	10	2.3	ug/L		02/05/24 09:33	02/05/24 15:20	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-01_20240201

Lab Sample ID: 460-297376-1

Date Collected: 02/01/24 14:15

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	10	U	10	1.3	ug/L		02/05/24 09:33	02/05/24 15:20	1
Atrazine	2.0	U	2.0	1.3	ug/L		02/05/24 09:33	02/05/24 15:20	1
Benzaldehyde	10	U	10	2.1	ug/L		02/05/24 09:33	02/05/24 15:20	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		02/05/24 09:33	02/05/24 15:20	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		02/05/24 09:33	02/05/24 15:20	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		02/05/24 09:33	02/05/24 15:20	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		02/05/24 09:33	02/05/24 15:20	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		02/05/24 09:33	02/05/24 15:20	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		02/05/24 09:33	02/05/24 15:20	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		02/05/24 09:33	02/05/24 15:20	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		02/05/24 09:33	02/05/24 15:20	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		02/05/24 09:33	02/05/24 15:20	1
Caprolactam	10	U	10	2.2	ug/L		02/05/24 09:33	02/05/24 15:20	1
Carbazole	10	U	10	0.68	ug/L		02/05/24 09:33	02/05/24 15:20	1
Chrysene	2.0	U	2.0	0.91	ug/L		02/05/24 09:33	02/05/24 15:20	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		02/05/24 09:33	02/05/24 15:20	1
Dibenzofuran	10	U	10	1.1	ug/L		02/05/24 09:33	02/05/24 15:20	1
Diethyl phthalate	10	U	10	0.98	ug/L		02/05/24 09:33	02/05/24 15:20	1
Dimethyl phthalate	10	U	10	0.77	ug/L		02/05/24 09:33	02/05/24 15:20	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		02/05/24 09:33	02/05/24 15:20	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 15:20	1
Fluoranthene	10	U	10	0.84	ug/L		02/05/24 09:33	02/05/24 15:20	1
Fluorene	10	U	10	0.91	ug/L		02/05/24 09:33	02/05/24 15:20	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		02/05/24 09:33	02/05/24 15:20	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		02/05/24 09:33	02/05/24 15:20	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		02/05/24 09:33	02/05/24 15:20	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		02/05/24 09:33	02/05/24 15:20	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		02/05/24 09:33	02/05/24 15:20	1
Isophorone	10	U	10	0.80	ug/L		02/05/24 09:33	02/05/24 15:20	1
Naphthalene	2.2		2.0	0.54	ug/L		02/05/24 09:33	02/05/24 15:20	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		02/05/24 09:33	02/05/24 15:20	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		02/05/24 09:33	02/05/24 15:20	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		02/05/24 09:33	02/05/24 15:20	1
Pentachlorophenol	20	U	20	1.4	ug/L		02/05/24 09:33	02/05/24 15:20	1
Phenanthrene	10	U	10	1.3	ug/L		02/05/24 09:33	02/05/24 15:20	1
Phenol	10	U	10	0.29	ug/L		02/05/24 09:33	02/05/24 15:20	1
Pyrene	10	U	10	1.6	ug/L		02/05/24 09:33	02/05/24 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	112		37 - 150				02/05/24 09:33	02/05/24 15:20	1
2-Fluorobiphenyl	104		46 - 139				02/05/24 09:33	02/05/24 15:20	1
2-Fluorophenol (Surr)	53		16 - 80				02/05/24 09:33	02/05/24 15:20	1
Nitrobenzene-d5 (Surr)	115		51 - 145				02/05/24 09:33	02/05/24 15:20	1
Phenol-d5 (Surr)	39		10 - 56				02/05/24 09:33	02/05/24 15:20	1
Terphenyl-d14 (Surr)	62		13 - 150				02/05/24 09:33	02/05/24 15:20	1

Client Sample Results

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-03_20240201

Lab Sample ID: 460-297376-2

Date Collected: 02/01/24 12:30

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 12:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 12:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/06/24 12:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 12:43	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 12:43	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 12:43	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/06/24 12:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/06/24 12:43	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/06/24 12:43	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/06/24 12:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/06/24 12:43	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 12:43	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 12:43	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/06/24 12:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/06/24 12:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/06/24 12:43	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			02/06/24 12:43	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 12:43	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/06/24 12:43	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 12:43	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 12:43	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 12:43	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 12:43	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 12:43	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 12:43	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 12:43	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/06/24 12:43	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			02/06/24 12:43	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 12:43	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 12:43	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 12:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 12:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 12:43	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/06/24 12:43	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			02/06/24 12:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/06/24 12:43	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 12:43	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/06/24 12:43	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/06/24 12:43	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/06/24 12:43	1
Methyl tert-butyl ether	1.1		1.0	0.22	ug/L			02/06/24 12:43	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/06/24 12:43	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 12:43	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/06/24 12:43	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/06/24 12:43	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/06/24 12:43	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/06/24 12:43	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/06/24 12:43	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 12:43	1

Client Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-03_20240201

Lab Sample ID: 460-297376-2

Date Collected: 02/01/24 12:30

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/06/24 12:43	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/06/24 12:43	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 12:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 12:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 12:43	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/06/24 12:43	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/06/24 12:43	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 12:43	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 12:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		70 - 128		02/06/24 12:43	1
4-Bromofluorobenzene	103		76 - 120		02/06/24 12:43	1
Dibromofluoromethane (Surr)	123		77 - 132		02/06/24 12:43	1
Toluene-d8 (Surr)	102		80 - 120		02/06/24 12:43	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 15:41	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 15:41	1
1,4-Dioxane	10	U	10	1.6	ug/L		02/05/24 09:33	02/05/24 15:41	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		02/05/24 09:33	02/05/24 15:41	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 15:41	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		02/05/24 09:33	02/05/24 15:41	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		02/05/24 09:33	02/05/24 15:41	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		02/05/24 09:33	02/05/24 15:41	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		02/05/24 09:33	02/05/24 15:41	1
2,4-Dinitrophenol	40	U	40	2.6	ug/L		02/05/24 09:33	02/05/24 15:41	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		02/05/24 09:33	02/05/24 15:41	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		02/05/24 09:33	02/05/24 15:41	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 15:41	1
2-Chlorophenol	10	U	10	0.38	ug/L		02/05/24 09:33	02/05/24 15:41	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		02/05/24 09:33	02/05/24 15:41	1
2-Methylphenol	10	U	10	0.67	ug/L		02/05/24 09:33	02/05/24 15:41	1
2-Nitroaniline	10	U	10	0.47	ug/L		02/05/24 09:33	02/05/24 15:41	1
2-Nitrophenol	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 15:41	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		02/05/24 09:33	02/05/24 15:41	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		02/05/24 09:33	02/05/24 15:41	1
3-Nitroaniline	10	U	10	1.9	ug/L		02/05/24 09:33	02/05/24 15:41	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		02/05/24 09:33	02/05/24 15:41	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 15:41	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		02/05/24 09:33	02/05/24 15:41	1
4-Chloroaniline	10	U	10	1.9	ug/L		02/05/24 09:33	02/05/24 15:41	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		02/05/24 09:33	02/05/24 15:41	1
4-Methylphenol	10	U	10	0.65	ug/L		02/05/24 09:33	02/05/24 15:41	1
4-Nitroaniline	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 15:41	1
4-Nitrophenol	20	U	20	4.0	ug/L		02/05/24 09:33	02/05/24 15:41	1
Acenaphthene	10	U	10	1.1	ug/L		02/05/24 09:33	02/05/24 15:41	1
Acenaphthylene	10	U	10	0.82	ug/L		02/05/24 09:33	02/05/24 15:41	1
Acetophenone	10	U	10	2.3	ug/L		02/05/24 09:33	02/05/24 15:41	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-03_20240201

Lab Sample ID: 460-297376-2

Date Collected: 02/01/24 12:30

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	10	U	10	1.3	ug/L		02/05/24 09:33	02/05/24 15:41	1
Atrazine	2.0	U	2.0	1.3	ug/L		02/05/24 09:33	02/05/24 15:41	1
Benzaldehyde	10	U	10	2.1	ug/L		02/05/24 09:33	02/05/24 15:41	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		02/05/24 09:33	02/05/24 15:41	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		02/05/24 09:33	02/05/24 15:41	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		02/05/24 09:33	02/05/24 15:41	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		02/05/24 09:33	02/05/24 15:41	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		02/05/24 09:33	02/05/24 15:41	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		02/05/24 09:33	02/05/24 15:41	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		02/05/24 09:33	02/05/24 15:41	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		02/05/24 09:33	02/05/24 15:41	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		02/05/24 09:33	02/05/24 15:41	1
Caprolactam	10	U	10	2.2	ug/L		02/05/24 09:33	02/05/24 15:41	1
Carbazole	10	U	10	0.68	ug/L		02/05/24 09:33	02/05/24 15:41	1
Chrysene	2.0	U	2.0	0.91	ug/L		02/05/24 09:33	02/05/24 15:41	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		02/05/24 09:33	02/05/24 15:41	1
Dibenzofuran	10	U	10	1.1	ug/L		02/05/24 09:33	02/05/24 15:41	1
Diethyl phthalate	10	U	10	0.98	ug/L		02/05/24 09:33	02/05/24 15:41	1
Dimethyl phthalate	10	U	10	0.77	ug/L		02/05/24 09:33	02/05/24 15:41	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		02/05/24 09:33	02/05/24 15:41	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 15:41	1
Fluoranthene	10	U	10	0.84	ug/L		02/05/24 09:33	02/05/24 15:41	1
Fluorene	10	U	10	0.91	ug/L		02/05/24 09:33	02/05/24 15:41	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		02/05/24 09:33	02/05/24 15:41	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		02/05/24 09:33	02/05/24 15:41	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		02/05/24 09:33	02/05/24 15:41	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		02/05/24 09:33	02/05/24 15:41	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		02/05/24 09:33	02/05/24 15:41	1
Isophorone	10	U	10	0.80	ug/L		02/05/24 09:33	02/05/24 15:41	1
Naphthalene	2.0	U	2.0	0.54	ug/L		02/05/24 09:33	02/05/24 15:41	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		02/05/24 09:33	02/05/24 15:41	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		02/05/24 09:33	02/05/24 15:41	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		02/05/24 09:33	02/05/24 15:41	1
Pentachlorophenol	20	U	20	1.4	ug/L		02/05/24 09:33	02/05/24 15:41	1
Phenanthrene	10	U	10	1.3	ug/L		02/05/24 09:33	02/05/24 15:41	1
Phenol	10	U	10	0.29	ug/L		02/05/24 09:33	02/05/24 15:41	1
Pyrene	10	U	10	1.6	ug/L		02/05/24 09:33	02/05/24 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	100		37 - 150				02/05/24 09:33	02/05/24 15:41	1
2-Fluorobiphenyl	94		46 - 139				02/05/24 09:33	02/05/24 15:41	1
2-Fluorophenol (Surr)	51		16 - 80				02/05/24 09:33	02/05/24 15:41	1
Nitrobenzene-d5 (Surr)	102		51 - 145				02/05/24 09:33	02/05/24 15:41	1
Phenol-d5 (Surr)	37		10 - 56				02/05/24 09:33	02/05/24 15:41	1
Terphenyl-d14 (Surr)	42		13 - 150				02/05/24 09:33	02/05/24 15:41	1

Client Sample Results

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-04_20240201

Lab Sample ID: 460-297376-3

Date Collected: 02/01/24 10:30

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/05/24 19:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/05/24 19:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/05/24 19:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/05/24 19:04	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/05/24 19:04	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/05/24 19:04	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/05/24 19:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/05/24 19:04	1
1,2,4-Trimethylbenzene	8.7		1.0	0.37	ug/L			02/05/24 19:04	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/05/24 19:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/05/24 19:04	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/05/24 19:04	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/05/24 19:04	1
1,3,5-Trimethylbenzene	1.7		1.0	0.33	ug/L			02/05/24 19:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/05/24 19:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/05/24 19:04	1
2-Butanone (MEK)	2.3	J	5.0	1.9	ug/L			02/05/24 19:04	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/05/24 19:04	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/05/24 19:04	1
Acetone	5.0	U	5.0	4.4	ug/L			02/05/24 19:04	1
Benzene	2.7		1.0	0.20	ug/L			02/05/24 19:04	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/05/24 19:04	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/05/24 19:04	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/05/24 19:04	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/05/24 19:04	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/05/24 19:04	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/05/24 19:04	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			02/05/24 19:04	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/05/24 19:04	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/05/24 19:04	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/05/24 19:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/05/24 19:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/05/24 19:04	1
Cyclohexane	23		1.0	0.32	ug/L			02/05/24 19:04	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			02/05/24 19:04	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/05/24 19:04	1
Ethylbenzene	18		1.0	0.30	ug/L			02/05/24 19:04	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/05/24 19:04	1
Isopropylbenzene	60		1.0	0.34	ug/L			02/05/24 19:04	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/05/24 19:04	1
Methyl tert-butyl ether	3.6	*	1.0	0.22	ug/L			02/05/24 19:04	1
Methylcyclohexane	25		1.0	0.71	ug/L			02/05/24 19:04	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/05/24 19:04	1
m-Xylene & p-Xylene	30		1.0	0.30	ug/L			02/05/24 19:04	1
n-Butylbenzene	5.3		1.0	0.32	ug/L			02/05/24 19:04	1
N-Propylbenzene	130		1.0	0.32	ug/L			02/05/24 19:04	1
o-Xylene	7.2		1.0	0.36	ug/L			02/05/24 19:04	1
sec-Butylbenzene	11		1.0	0.37	ug/L			02/05/24 19:04	1
Styrene	1.0	U	1.0	0.42	ug/L			02/05/24 19:04	1

Client Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-04_20240201

Lab Sample ID: 460-297376-3

Date Collected: 02/01/24 10:30

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.78	J	1.0	0.34	ug/L			02/05/24 19:04	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/05/24 19:04	1
Toluene	0.47	J	1.0	0.38	ug/L			02/05/24 19:04	1
trans-1,2-Dichloroethene	1.0	U*	1.0	0.24	ug/L			02/05/24 19:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/05/24 19:04	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/05/24 19:04	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/05/24 19:04	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/05/24 19:04	1
Xylenes, Total	37		2.0	0.65	ug/L			02/05/24 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 128		02/05/24 19:04	1
4-Bromofluorobenzene	105		76 - 120		02/05/24 19:04	1
Dibromofluoromethane (Surr)	112		77 - 132		02/05/24 19:04	1
Toluene-d8 (Surr)	102		80 - 120		02/05/24 19:04	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 16:02	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 16:02	1
1,4-Dioxane	10	U	10	1.6	ug/L		02/05/24 09:33	02/05/24 16:02	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		02/05/24 09:33	02/05/24 16:02	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 16:02	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		02/05/24 09:33	02/05/24 16:02	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		02/05/24 09:33	02/05/24 16:02	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		02/05/24 09:33	02/05/24 16:02	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		02/05/24 09:33	02/05/24 16:02	1
2,4-Dinitrophenol	40	U	40	2.6	ug/L		02/05/24 09:33	02/05/24 16:02	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		02/05/24 09:33	02/05/24 16:02	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		02/05/24 09:33	02/05/24 16:02	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 16:02	1
2-Chlorophenol	10	U	10	0.38	ug/L		02/05/24 09:33	02/05/24 16:02	1
2-Methylnaphthalene	0.99	J	10	0.53	ug/L		02/05/24 09:33	02/05/24 16:02	1
2-Methylphenol	10	U	10	0.67	ug/L		02/05/24 09:33	02/05/24 16:02	1
2-Nitroaniline	10	U	10	0.47	ug/L		02/05/24 09:33	02/05/24 16:02	1
2-Nitrophenol	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 16:02	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		02/05/24 09:33	02/05/24 16:02	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		02/05/24 09:33	02/05/24 16:02	1
3-Nitroaniline	10	U	10	1.9	ug/L		02/05/24 09:33	02/05/24 16:02	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		02/05/24 09:33	02/05/24 16:02	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 16:02	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		02/05/24 09:33	02/05/24 16:02	1
4-Chloroaniline	10	U	10	1.9	ug/L		02/05/24 09:33	02/05/24 16:02	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		02/05/24 09:33	02/05/24 16:02	1
4-Methylphenol	10	U	10	0.65	ug/L		02/05/24 09:33	02/05/24 16:02	1
4-Nitroaniline	10	U	10	1.2	ug/L		02/05/24 09:33	02/05/24 16:02	1
4-Nitrophenol	20	U	20	4.0	ug/L		02/05/24 09:33	02/05/24 16:02	1
Acenaphthene	10	U	10	1.1	ug/L		02/05/24 09:33	02/05/24 16:02	1
Acenaphthylene	10	U	10	0.82	ug/L		02/05/24 09:33	02/05/24 16:02	1
Acetophenone	10	U	10	2.3	ug/L		02/05/24 09:33	02/05/24 16:02	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-04_20240201

Lab Sample ID: 460-297376-3

Date Collected: 02/01/24 10:30

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	10	U	10	1.3	ug/L		02/05/24 09:33	02/05/24 16:02	1
Atrazine	2.0	U	2.0	1.3	ug/L		02/05/24 09:33	02/05/24 16:02	1
Benzaldehyde	10	U	10	2.1	ug/L		02/05/24 09:33	02/05/24 16:02	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		02/05/24 09:33	02/05/24 16:02	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		02/05/24 09:33	02/05/24 16:02	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		02/05/24 09:33	02/05/24 16:02	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		02/05/24 09:33	02/05/24 16:02	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		02/05/24 09:33	02/05/24 16:02	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		02/05/24 09:33	02/05/24 16:02	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		02/05/24 09:33	02/05/24 16:02	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		02/05/24 09:33	02/05/24 16:02	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		02/05/24 09:33	02/05/24 16:02	1
Caprolactam	10	U	10	2.2	ug/L		02/05/24 09:33	02/05/24 16:02	1
Carbazole	10	U	10	0.68	ug/L		02/05/24 09:33	02/05/24 16:02	1
Chrysene	2.0	U	2.0	0.91	ug/L		02/05/24 09:33	02/05/24 16:02	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		02/05/24 09:33	02/05/24 16:02	1
Dibenzofuran	10	U	10	1.1	ug/L		02/05/24 09:33	02/05/24 16:02	1
Diethyl phthalate	10	U	10	0.98	ug/L		02/05/24 09:33	02/05/24 16:02	1
Dimethyl phthalate	10	U	10	0.77	ug/L		02/05/24 09:33	02/05/24 16:02	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		02/05/24 09:33	02/05/24 16:02	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		02/05/24 09:33	02/05/24 16:02	1
Fluoranthene	10	U	10	0.84	ug/L		02/05/24 09:33	02/05/24 16:02	1
Fluorene	10	U	10	0.91	ug/L		02/05/24 09:33	02/05/24 16:02	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		02/05/24 09:33	02/05/24 16:02	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		02/05/24 09:33	02/05/24 16:02	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		02/05/24 09:33	02/05/24 16:02	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		02/05/24 09:33	02/05/24 16:02	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		02/05/24 09:33	02/05/24 16:02	1
Isophorone	10	U	10	0.80	ug/L		02/05/24 09:33	02/05/24 16:02	1
Naphthalene	7.0		2.0	0.54	ug/L		02/05/24 09:33	02/05/24 16:02	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		02/05/24 09:33	02/05/24 16:02	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		02/05/24 09:33	02/05/24 16:02	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		02/05/24 09:33	02/05/24 16:02	1
Pentachlorophenol	20	U	20	1.4	ug/L		02/05/24 09:33	02/05/24 16:02	1
Phenanthrene	10	U	10	1.3	ug/L		02/05/24 09:33	02/05/24 16:02	1
Phenol	10	U	10	0.29	ug/L		02/05/24 09:33	02/05/24 16:02	1
Pyrene	10	U	10	1.6	ug/L		02/05/24 09:33	02/05/24 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	123		37 - 150	02/05/24 09:33	02/05/24 16:02	1
2-Fluorobiphenyl	110		46 - 139	02/05/24 09:33	02/05/24 16:02	1
2-Fluorophenol (Surr)	60		16 - 80	02/05/24 09:33	02/05/24 16:02	1
Nitrobenzene-d5 (Surr)	124		51 - 145	02/05/24 09:33	02/05/24 16:02	1
Phenol-d5 (Surr)	43		10 - 56	02/05/24 09:33	02/05/24 16:02	1
Terphenyl-d14 (Surr)	54		13 - 150	02/05/24 09:33	02/05/24 16:02	1

Client Sample Results

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: TB_20240201

Lab Sample ID: 460-297376-4

Date Collected: 02/01/24 00:00

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/05/24 13:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/05/24 13:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/05/24 13:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/05/24 13:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/05/24 13:14	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/05/24 13:14	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/05/24 13:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/05/24 13:14	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/05/24 13:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/05/24 13:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/05/24 13:14	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/05/24 13:14	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/05/24 13:14	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/05/24 13:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/05/24 13:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/05/24 13:14	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			02/05/24 13:14	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/05/24 13:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/05/24 13:14	1
Acetone	5.0	U	5.0	4.4	ug/L			02/05/24 13:14	1
Benzene	1.0	U	1.0	0.20	ug/L			02/05/24 13:14	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/05/24 13:14	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/05/24 13:14	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/05/24 13:14	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/05/24 13:14	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/05/24 13:14	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/05/24 13:14	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			02/05/24 13:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/05/24 13:14	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/05/24 13:14	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/05/24 13:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/05/24 13:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/05/24 13:14	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/05/24 13:14	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			02/05/24 13:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/05/24 13:14	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/05/24 13:14	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/05/24 13:14	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/05/24 13:14	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/05/24 13:14	1
Methyl tert-butyl ether	1.0	U *	1.0	0.22	ug/L			02/05/24 13:14	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/05/24 13:14	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/05/24 13:14	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/05/24 13:14	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/05/24 13:14	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/05/24 13:14	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/05/24 13:14	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/05/24 13:14	1
Styrene	1.0	U	1.0	0.42	ug/L			02/05/24 13:14	1

Client Sample Results

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: TB_20240201

Lab Sample ID: 460-297376-4

Date Collected: 02/01/24 00:00

Matrix: Water

Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/05/24 13:14	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/05/24 13:14	1
Toluene	1.0	U	1.0	0.38	ug/L			02/05/24 13:14	1
trans-1,2-Dichloroethene	1.0	U *	1.0	0.24	ug/L			02/05/24 13:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/05/24 13:14	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/05/24 13:14	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/05/24 13:14	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/05/24 13:14	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/05/24 13:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		70 - 128		02/05/24 13:14	1
4-Bromofluorobenzene	96		76 - 120		02/05/24 13:14	1
Dibromofluoromethane (Surr)	119		77 - 132		02/05/24 13:14	1
Toluene-d8 (Surr)	99		80 - 120		02/05/24 13:14	1

Surrogate Summary

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-128)	BFB (76-120)	DBFM (77-132)	TOL (80-120)
460-297357-B-1 MS	Matrix Spike	116	103	113	113
460-297357-B-1 MSD	Matrix Spike Duplicate	114	102	114	109
460-297376-1	MW-01_20240201	117	102	116	103
460-297376-2	MW-03_20240201	119	103	123	102
460-297376-3	MW-04_20240201	115	105	112	102
460-297376-4	TB_20240201	115	96	119	99
460-297468-A-4 MS	Matrix Spike	107	99	105	103
460-297468-A-4 MSD	Matrix Spike Duplicate	105	101	108	100
LCS 460-957924/4	Lab Control Sample	95	88	97	87
LCS 460-958092/4	Lab Control Sample	115	109	114	106
MB 460-957924/9	Method Blank	112	96	118	97
MB 460-958092/9	Method Blank	118	99	123	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (37-150)	FBP (46-139)	2FP (16-80)	NBZ (51-145)	PHL (10-56)	TPHL (13-150)
460-297376-1	MW-01_20240201	112	104	53	115	39	62
460-297376-2	MW-03_20240201	100	94	51	102	37	42
460-297376-3	MW-04_20240201	123	110	60	124	43	54
LCS 460-957942/2-A	Lab Control Sample	98	85	41	96	28	84
LCSD 460-957942/3-A	Lab Control Sample Dup	102	86	41	96	29	83
MB 460-957942/1-A	Method Blank	110	95	80	109	70 *	109

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-957924/9

Matrix: Water

Analysis Batch: 957924

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/05/24 10:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/05/24 10:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/05/24 10:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/05/24 10:43	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/05/24 10:43	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/05/24 10:43	1
1,2,3-Trichlorobenzene	0.435	J	1.0	0.36	ug/L			02/05/24 10:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/05/24 10:43	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/05/24 10:43	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/05/24 10:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/05/24 10:43	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/05/24 10:43	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/05/24 10:43	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/05/24 10:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/05/24 10:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/05/24 10:43	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			02/05/24 10:43	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/05/24 10:43	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/05/24 10:43	1
Acetone	5.0	U	5.0	4.4	ug/L			02/05/24 10:43	1
Benzene	1.0	U	1.0	0.20	ug/L			02/05/24 10:43	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/05/24 10:43	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/05/24 10:43	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/05/24 10:43	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/05/24 10:43	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/05/24 10:43	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/05/24 10:43	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			02/05/24 10:43	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/05/24 10:43	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/05/24 10:43	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/05/24 10:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/05/24 10:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/05/24 10:43	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/05/24 10:43	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			02/05/24 10:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/05/24 10:43	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/05/24 10:43	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/05/24 10:43	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/05/24 10:43	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/05/24 10:43	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/05/24 10:43	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/05/24 10:43	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/05/24 10:43	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/05/24 10:43	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/05/24 10:43	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/05/24 10:43	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/05/24 10:43	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/05/24 10:43	1

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-957924/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 957924

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Styrene	1.0	U	1.0	0.42	ug/L			02/05/24 10:43	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/05/24 10:43	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/05/24 10:43	1
Toluene	1.0	U	1.0	0.38	ug/L			02/05/24 10:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/05/24 10:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/05/24 10:43	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/05/24 10:43	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/05/24 10:43	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/05/24 10:43	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/05/24 10:43	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	112		70 - 128		02/05/24 10:43	1
4-Bromofluorobenzene	96		76 - 120		02/05/24 10:43	1
Dibromofluoromethane (Surr)	118		77 - 132		02/05/24 10:43	1
Toluene-d8 (Surr)	97		80 - 120		02/05/24 10:43	1

Lab Sample ID: LCS 460-957924/4

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 957924

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1-Trichloroethane	20.0	20.4		ug/L		102	72 - 128
1,1,1,2-Tetrachloroethane	20.0	18.7		ug/L		94	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.1		ug/L		90	51 - 142
1,1,2-Trichloroethane	20.0	17.7		ug/L		89	74 - 125
1,1-Dichloroethane	20.0	18.2		ug/L		91	73 - 130
1,1-Dichloroethene	20.0	15.3		ug/L		77	68 - 133
1,2,3-Trichlorobenzene	20.0	20.6		ug/L		103	52 - 120
1,2,4-Trichlorobenzene	20.0	19.6		ug/L		98	67 - 132
1,2,4-Trimethylbenzene	20.0	19.2		ug/L		96	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	19.9		ug/L		99	58 - 132
1,2-Dichlorobenzene	20.0	18.4		ug/L		92	80 - 120
1,2-Dichloroethane	20.0	20.5		ug/L		102	66 - 129
1,2-Dichloropropane	20.0	19.5		ug/L		98	68 - 128
1,3,5-Trimethylbenzene	20.0	19.0		ug/L		95	75 - 125
1,3-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120
1,4-Dichlorobenzene	20.0	18.7		ug/L		93	80 - 120
2-Butanone (MEK)	100	98.4		ug/L		98	61 - 142
2-Hexanone	100	109		ug/L		109	61 - 134
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	69 - 139
Acetone	100	70.0		ug/L		70	49 - 149
Benzene	20.0	16.6		ug/L		83	71 - 126
Bromoform	20.0	18.7		ug/L		94	58 - 136
Bromomethane	20.0	18.5		ug/L		93	10 - 120
Carbon disulfide	20.0	16.7		ug/L		83	68 - 138
Carbon tetrachloride	20.0	19.8		ug/L		99	65 - 142
Chlorobenzene	20.0	18.3		ug/L		91	80 - 120

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-957924/4

Matrix: Water

Analysis Batch: 957924

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	21.2		ug/L		106	76 - 134
Chlorodibromomethane	20.0	17.6		ug/L		88	69 - 130
Chloroethane	20.0	17.4		ug/L		87	48 - 150
Chloroform	20.0	20.1		ug/L		101	78 - 125
Chloromethane	20.0	19.4		ug/L		97	43 - 140
cis-1,2-Dichloroethene	20.0	19.3		ug/L		96	78 - 121
cis-1,3-Dichloropropene	20.0	17.8		ug/L		89	74 - 125
Cyclohexane	20.0	20.7		ug/L		104	60 - 142
Dichlorobromomethane	20.0	19.9		ug/L		100	76 - 121
Dichlorodifluoromethane	20.0	20.3		ug/L		102	27 - 120
Ethylbenzene	20.0	18.6		ug/L		93	78 - 120
Ethylene Dibromide	20.0	17.5		ug/L		88	79 - 126
Isopropylbenzene	20.0	19.0		ug/L		95	79 - 125
Methyl acetate	40.0	31.0		ug/L		77	43 - 120
Methyl tert-butyl ether	20.0	13.8	*	ug/L		69	72 - 131
Methylcyclohexane	20.0	20.8		ug/L		104	49 - 149
Methylene Chloride	20.0	16.5		ug/L		82	74 - 127
m-Xylene & p-Xylene	20.0	18.2		ug/L		91	78 - 120
n-Butylbenzene	20.0	19.0		ug/L		95	69 - 135
N-Propylbenzene	20.0	18.0		ug/L		90	68 - 129
o-Xylene	20.0	18.9		ug/L		94	78 - 120
sec-Butylbenzene	20.0	19.0		ug/L		95	68 - 129
Styrene	20.0	19.6		ug/L		98	82 - 127
tert-Butylbenzene	20.0	18.2		ug/L		91	62 - 120
Tetrachloroethene	20.0	18.8		ug/L		94	70 - 127
Toluene	20.0	17.9		ug/L		90	78 - 120
trans-1,2-Dichloroethene	20.0	14.2	*	ug/L		71	74 - 126
trans-1,3-Dichloropropene	20.0	17.7		ug/L		88	66 - 127
Trichloroethene	20.0	19.0		ug/L		95	51 - 121
Trichlorofluoromethane	20.0	20.5		ug/L		103	50 - 120
Vinyl chloride	20.0	19.8		ug/L		99	55 - 144
Xylenes, Total	40.0	37.0		ug/L		93	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	95		70 - 128
4-Bromofluorobenzene	88		76 - 120
Dibromofluoromethane (Surr)	97		77 - 132
Toluene-d8 (Surr)	87		80 - 120

Lab Sample ID: 460-297357-B-1 MS

Matrix: Water

Analysis Batch: 957924

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	200	208		ug/L		104	72 - 128
1,1,2,2-Tetrachloroethane	1.0	U	200	204		ug/L		102	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	200	185		ug/L		92	51 - 142
1,1,2-Trichloroethane	1.0	U	200	204		ug/L		102	74 - 125

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-297357-B-1 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 957924

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1-Dichloroethane	1.0	U	200	175		ug/L		88	73 - 130
1,1-Dichloroethene	1.0	U	200	177		ug/L		88	68 - 133
1,2,3-Trichlorobenzene	1.0	U	200	189		ug/L		95	52 - 120
1,2,4-Trichlorobenzene	1.0	U	200	183		ug/L		91	67 - 132
1,2,4-Trimethylbenzene	1.0	U	200	194		ug/L		97	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	200	192		ug/L		96	58 - 132
1,2-Dichlorobenzene	1.0	U	200	192		ug/L		96	80 - 120
1,2-Dichloroethane	1.0	U	200	207		ug/L		103	66 - 129
1,2-Dichloropropane	1.0	U	200	210		ug/L		105	68 - 128
1,3,5-Trimethylbenzene	1.0	U	200	196		ug/L		98	75 - 125
1,3-Dichlorobenzene	1.0	U	200	183		ug/L		92	80 - 120
1,4-Dichlorobenzene	1.0	U	200	177		ug/L		89	80 - 120
2-Butanone (MEK)	5.0	U	1000	957		ug/L		96	61 - 142
2-Hexanone	5.0	U	1000	973		ug/L		97	61 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	1000	1040		ug/L		104	69 - 139
Acetone	5.0	U	1000	754		ug/L		75	49 - 149
Benzene	1.0	U	200	191		ug/L		96	71 - 126
Bromoform	1.0	U	200	184		ug/L		92	58 - 136
Bromomethane	1.0	U	200	160		ug/L		80	10 - 120
Carbon disulfide	1.0	U	200	150		ug/L		75	68 - 138
Carbon tetrachloride	1.0	U	200	204		ug/L		102	65 - 142
Chlorobenzene	1.0	U	200	192		ug/L		96	80 - 120
Chlorobromomethane	1.0	U	200	204		ug/L		102	76 - 134
Chlorodibromomethane	1.0	U	200	194		ug/L		97	69 - 130
Chloroethane	1.0	U	200	180		ug/L		90	48 - 150
Chloroform	1.0	U	200	202		ug/L		101	78 - 125
Chloromethane	1.0	U	200	182		ug/L		91	43 - 140
cis-1,2-Dichloroethene	1.0	U	200	199		ug/L		100	78 - 121
cis-1,3-Dichloropropene	1.0	U	200	193		ug/L		96	74 - 125
Cyclohexane	1.0	U	200	205		ug/L		102	60 - 142
Dichlorobromomethane	1.0	U	200	208		ug/L		104	76 - 121
Dichlorodifluoromethane	1.0	U	200	207		ug/L		104	27 - 120
Ethylbenzene	1.0	U	200	188		ug/L		94	78 - 120
Ethylene Dibromide	1.0	U	200	192		ug/L		96	79 - 126
Isopropylbenzene	1.0	U	200	192		ug/L		96	79 - 125
Methyl acetate	5.0	U	400	387		ug/L		97	43 - 120
Methyl tert-butyl ether	1.0	U *	200	205		ug/L		102	72 - 131
Methylcyclohexane	1.0	U	200	208		ug/L		104	49 - 149
Methylene Chloride	1.0	U	200	181		ug/L		91	74 - 127
m-Xylene & p-Xylene	1.0	U	200	186		ug/L		93	78 - 120
n-Butylbenzene	1.0	U	200	179		ug/L		89	69 - 135
N-Propylbenzene	1.0	U	200	206		ug/L		103	68 - 129
o-Xylene	1.0	U	200	180		ug/L		90	78 - 120
sec-Butylbenzene	1.0	U	200	194		ug/L		97	68 - 129
Styrene	1.0	U	200	190		ug/L		95	82 - 127
tert-Butylbenzene	1.0	U	200	192		ug/L		96	62 - 120
Tetrachloroethene	1.0	U	200	194		ug/L		97	70 - 127
Toluene	1.0	U	200	196		ug/L		98	78 - 120
trans-1,2-Dichloroethene	1.0	U *	200	168		ug/L		84	74 - 126

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-297357-B-1 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 957924

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
trans-1,3-Dichloropropene	1.0	U	200	185		ug/L		93	66 - 127
Trichloroethene	1.0	U	200	191		ug/L		95	51 - 121
Trichlorofluoromethane	1.0	U	200	207		ug/L		104	50 - 120
Vinyl chloride	1.0	U	200	213		ug/L		107	55 - 144
Xylenes, Total	2.0	U	400	365		ug/L		91	80 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	116		70 - 128
4-Bromofluorobenzene	103		76 - 120
Dibromofluoromethane (Surr)	113		77 - 132
Toluene-d8 (Surr)	113		80 - 120

Lab Sample ID: 460-297357-B-1 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 957924

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
	Result	Qualifier		Result	Qualifier						
1,1,1-Trichloroethane	1.0	U	200	212		ug/L		106	72 - 128	2	30
1,1,2,2-Tetrachloroethane	1.0	U	200	203		ug/L		102	63 - 139	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	200	206		ug/L		103	51 - 142	11	30
1,1,2-Trichloroethane	1.0	U	200	200		ug/L		100	74 - 125	2	30
1,1-Dichloroethane	1.0	U	200	187		ug/L		93	73 - 130	6	30
1,1-Dichloroethene	1.0	U	200	172		ug/L		86	68 - 133	3	30
1,2,3-Trichlorobenzene	1.0	U	200	204		ug/L		102	52 - 120	7	30
1,2,4-Trichlorobenzene	1.0	U	200	196		ug/L		98	67 - 132	7	30
1,2,4-Trimethylbenzene	1.0	U	200	199		ug/L		100	75 - 125	3	30
1,2-Dibromo-3-Chloropropane	1.0	U	200	198		ug/L		99	58 - 132	3	30
1,2-Dichlorobenzene	1.0	U	200	193		ug/L		97	80 - 120	1	30
1,2-Dichloroethane	1.0	U	200	210		ug/L		105	66 - 129	1	30
1,2-Dichloropropane	1.0	U	200	205		ug/L		103	68 - 128	2	30
1,3,5-Trimethylbenzene	1.0	U	200	201		ug/L		101	75 - 125	3	30
1,3-Dichlorobenzene	1.0	U	200	189		ug/L		95	80 - 120	3	30
1,4-Dichlorobenzene	1.0	U	200	188		ug/L		94	80 - 120	6	30
2-Butanone (MEK)	5.0	U	1000	967		ug/L		97	61 - 142	1	30
2-Hexanone	5.0	U	1000	1080		ug/L		108	61 - 134	10	30
4-Methyl-2-pentanone (MIBK)	5.0	U	1000	1120		ug/L		112	69 - 139	7	30
Acetone	5.0	U	1000	738		ug/L		74	49 - 149	2	30
Benzene	1.0	U	200	186		ug/L		93	71 - 126	3	30
Bromoform	1.0	U	200	190		ug/L		95	58 - 136	3	30
Bromomethane	1.0	U	200	159		ug/L		79	10 - 120	1	30
Carbon disulfide	1.0	U	200	166		ug/L		83	68 - 138	10	30
Carbon tetrachloride	1.0	U	200	211		ug/L		106	65 - 142	3	30
Chlorobenzene	1.0	U	200	194		ug/L		97	80 - 120	1	30
Chlorobromomethane	1.0	U	200	215		ug/L		108	76 - 134	5	30
Chlorodibromomethane	1.0	U	200	194		ug/L		97	69 - 130	0	30
Chloroethane	1.0	U	200	201		ug/L		101	48 - 150	11	30
Chloroform	1.0	U	200	208		ug/L		104	78 - 125	3	30
Chloromethane	1.0	U	200	200		ug/L		100	43 - 140	10	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-297357-B-1 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 957924

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
cis-1,2-Dichloroethene	1.0	U	200	201		ug/L		101	78 - 121	1	30
cis-1,3-Dichloropropene	1.0	U	200	185		ug/L		93	74 - 125	4	30
Cyclohexane	1.0	U	200	210		ug/L		105	60 - 142	2	30
Dichlorobromomethane	1.0	U	200	208		ug/L		104	76 - 121	0	30
Dichlorodifluoromethane	1.0	U	200	221		ug/L		110	27 - 120	6	30
Ethylbenzene	1.0	U	200	193		ug/L		97	78 - 120	3	30
Ethylene Dibromide	1.0	U	200	190		ug/L		95	79 - 126	1	30
Isopropylbenzene	1.0	U	200	193		ug/L		96	79 - 125	1	30
Methyl acetate	5.0	U	400	379		ug/L		95	43 - 120	2	30
Methyl tert-butyl ether	1.0	U *	200	216		ug/L		108	72 - 131	5	30
Methylcyclohexane	1.0	U	200	221		ug/L		110	49 - 149	6	30
Methylene Chloride	1.0	U	200	192		ug/L		96	74 - 127	6	30
m-Xylene & p-Xylene	1.0	U	200	189		ug/L		94	78 - 120	2	30
n-Butylbenzene	1.0	U	200	193		ug/L		97	69 - 135	8	30
N-Propylbenzene	1.0	U	200	196		ug/L		98	68 - 129	5	30
o-Xylene	1.0	U	200	195		ug/L		97	78 - 120	8	30
sec-Butylbenzene	1.0	U	200	198		ug/L		99	68 - 129	2	30
Styrene	1.0	U	200	198		ug/L		99	82 - 127	4	30
tert-Butylbenzene	1.0	U	200	198		ug/L		99	62 - 120	3	30
Tetrachloroethene	1.0	U	200	204		ug/L		102	70 - 127	5	30
Toluene	1.0	U	200	194		ug/L		97	78 - 120	1	30
trans-1,2-Dichloroethene	1.0	U *	200	170		ug/L		85	74 - 126	2	30
trans-1,3-Dichloropropene	1.0	U	200	191		ug/L		96	66 - 127	3	30
Trichloroethene	1.0	U	200	202		ug/L		101	51 - 121	6	30
Trichlorofluoromethane	1.0	U	200	227		ug/L		113	50 - 120	9	30
Vinyl chloride	1.0	U	200	217		ug/L		109	55 - 144	2	30
Xylenes, Total	2.0	U	400	384		ug/L		96	80 - 120	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 128
4-Bromofluorobenzene	102		76 - 120
Dibromofluoromethane (Surr)	114		77 - 132
Toluene-d8 (Surr)	109		80 - 120

Lab Sample ID: MB 460-958092/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 958092

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 12:18	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 12:18	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/06/24 12:18	1
1,1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 12:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 12:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 12:18	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/06/24 12:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/06/24 12:18	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/06/24 12:18	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-958092/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 958092

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/06/24 12:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/06/24 12:18	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 12:18	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 12:18	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/06/24 12:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/06/24 12:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/06/24 12:18	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			02/06/24 12:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 12:18	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/06/24 12:18	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 12:18	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 12:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 12:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 12:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 12:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 12:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 12:18	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/06/24 12:18	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			02/06/24 12:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 12:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 12:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 12:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 12:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 12:18	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/06/24 12:18	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			02/06/24 12:18	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/06/24 12:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 12:18	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/06/24 12:18	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/06/24 12:18	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/06/24 12:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/06/24 12:18	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/06/24 12:18	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 12:18	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/06/24 12:18	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/06/24 12:18	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/06/24 12:18	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/06/24 12:18	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/06/24 12:18	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 12:18	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/06/24 12:18	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/06/24 12:18	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 12:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 12:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 12:18	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/06/24 12:18	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/06/24 12:18	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 12:18	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 12:18	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		70 - 128		02/06/24 12:18	1
4-Bromofluorobenzene	99		76 - 120		02/06/24 12:18	1
Dibromofluoromethane (Surr)	123		77 - 132		02/06/24 12:18	1
Toluene-d8 (Surr)	104		80 - 120		02/06/24 12:18	1

Lab Sample ID: LCS 460-958092/4

Matrix: Water

Analysis Batch: 958092

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	20.0	20.3		ug/L		102	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.1		ug/L		100	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.4		ug/L		102	51 - 142
1,1,2-Trichloroethane	20.0	18.5		ug/L		93	74 - 125
1,1-Dichloroethane	20.0	17.0		ug/L		85	73 - 130
1,1-Dichloroethene	20.0	17.6		ug/L		88	68 - 133
1,2,3-Trichlorobenzene	20.0	22.9		ug/L		115	52 - 120
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		103	67 - 132
1,2,4-Trimethylbenzene	20.0	19.7		ug/L		99	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.0		ug/L		110	58 - 132
1,2-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
1,2-Dichloroethane	20.0	19.3		ug/L		97	66 - 129
1,2-Dichloropropane	20.0	19.1		ug/L		95	68 - 128
1,3,5-Trimethylbenzene	20.0	20.1		ug/L		100	75 - 125
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	80 - 120
1,4-Dichlorobenzene	20.0	19.7		ug/L		98	80 - 120
2-Butanone (MEK)	100	101		ug/L		101	61 - 142
2-Hexanone	100	114		ug/L		114	61 - 134
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	69 - 139
Acetone	100	82.1		ug/L		82	49 - 149
Benzene	20.0	17.8		ug/L		89	71 - 126
Bromoform	20.0	19.8		ug/L		99	58 - 136
Bromomethane	20.0	17.8		ug/L		89	10 - 120
Carbon disulfide	20.0	16.1		ug/L		80	68 - 138
Carbon tetrachloride	20.0	20.3		ug/L		102	65 - 142
Chlorobenzene	20.0	19.3		ug/L		97	80 - 120
Chlorobromomethane	20.0	20.6		ug/L		103	76 - 134
Chlorodibromomethane	20.0	19.3		ug/L		96	69 - 130
Chloroethane	20.0	17.4		ug/L		87	48 - 150
Chloroform	20.0	19.7		ug/L		99	78 - 125
Chloromethane	20.0	19.1		ug/L		95	43 - 140
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	78 - 121
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	74 - 125
Cyclohexane	20.0	20.8		ug/L		104	60 - 142
Dichlorobromomethane	20.0	20.0		ug/L		100	76 - 121
Dichlorodifluoromethane	20.0	19.5		ug/L		97	27 - 120
Ethylbenzene	20.0	20.0		ug/L		100	78 - 120
Ethylene Dibromide	20.0	18.9		ug/L		95	79 - 126
Isopropylbenzene	20.0	20.1		ug/L		100	79 - 125
Methyl acetate	40.0	29.9		ug/L		75	43 - 120
Methyl tert-butyl ether	20.0	15.6		ug/L		78	72 - 131

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-958092/4

Matrix: Water

Analysis Batch: 958092

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Methylcyclohexane	20.0	20.8		ug/L		104	49 - 149
Methylene Chloride	20.0	17.2		ug/L		86	74 - 127
m-Xylene & p-Xylene	20.0	18.9		ug/L		95	78 - 120
n-Butylbenzene	20.0	19.3		ug/L		97	69 - 135
N-Propylbenzene	20.0	19.4		ug/L		97	68 - 129
o-Xylene	20.0	19.6		ug/L		98	78 - 120
sec-Butylbenzene	20.0	19.9		ug/L		100	68 - 129
Styrene	20.0	20.3		ug/L		101	82 - 127
tert-Butylbenzene	20.0	19.6		ug/L		98	62 - 120
Tetrachloroethene	20.0	18.9		ug/L		95	70 - 127
Toluene	20.0	18.2		ug/L		91	78 - 120
trans-1,2-Dichloroethene	20.0	17.1		ug/L		85	74 - 126
trans-1,3-Dichloropropene	20.0	18.5		ug/L		93	66 - 127
Trichloroethene	20.0	18.9		ug/L		95	51 - 121
Trichlorofluoromethane	20.0	20.6		ug/L		103	50 - 120
Vinyl chloride	20.0	19.4		ug/L		97	55 - 144
Xylenes, Total	40.0	38.5		ug/L		96	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	115		70 - 128
4-Bromofluorobenzene	109		76 - 120
Dibromofluoromethane (Surr)	114		77 - 132
Toluene-d8 (Surr)	106		80 - 120

Lab Sample ID: 460-297468-A-4 MS

Matrix: Water

Analysis Batch: 958092

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
1,1,1-Trichloroethane	1.0	U	20.0	20.1		ug/L		100	72 - 128
1,1,1,2-Tetrachloroethane	1.0	U	20.0	19.1		ug/L		95	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	20.1		ug/L		100	51 - 142
1,1,2-Trichloroethane	1.0	U	20.0	19.3		ug/L		97	74 - 125
1,1-Dichloroethane	1.0	U	20.0	18.2		ug/L		91	73 - 130
1,1-Dichloroethene	1.0	U	20.0	17.7		ug/L		88	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	17.9		ug/L		89	52 - 120
1,2,4-Trichlorobenzene	1.0	U	20.0	18.7		ug/L		94	67 - 132
1,2,4-Trimethylbenzene	8.2		20.0	30.7		ug/L		112	75 - 125
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	17.1		ug/L		85	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	20.0		ug/L		100	80 - 120
1,2-Dichloroethane	1.0	U	20.0	19.6		ug/L		98	66 - 129
1,2-Dichloropropane	1.0	U	20.0	19.7		ug/L		98	68 - 128
1,3,5-Trimethylbenzene	0.97	J	20.0	21.2		ug/L		101	75 - 125
1,3-Dichlorobenzene	1.0	U	20.0	19.8		ug/L		99	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
2-Butanone (MEK)	5.0	U	100	90.5		ug/L		91	61 - 142
2-Hexanone	5.0	U	100	100		ug/L		100	61 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	103		ug/L		103	69 - 139

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-297468-A-4 MS

Matrix: Water

Analysis Batch: 958092

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Acetone	5.0	U	100	77.2		ug/L		77	49 - 149
Benzene	1.0	U	20.0	18.5		ug/L		93	71 - 126
Bromoform	1.0	U	20.0	18.6		ug/L		93	58 - 136
Bromomethane	1.0	U	20.0	17.0		ug/L		85	10 - 120
Carbon disulfide	1.0	U	20.0	16.2		ug/L		81	68 - 138
Carbon tetrachloride	1.0	U	20.0	20.3		ug/L		102	65 - 142
Chlorobenzene	1.0	U	20.0	19.7		ug/L		98	80 - 120
Chlorobromomethane	1.0	U	20.0	19.8		ug/L		99	76 - 134
Chlorodibromomethane	1.0	U	20.0	19.4		ug/L		97	69 - 130
Chloroethane	1.0	U	20.0	17.4		ug/L		87	48 - 150
Chloroform	1.0	U	20.0	19.6		ug/L		98	78 - 125
Chloromethane	1.0	U	20.0	18.0		ug/L		90	43 - 140
cis-1,2-Dichloroethene	1.0	U	20.0	19.0		ug/L		95	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	18.6		ug/L		93	74 - 125
Cyclohexane	1.0	U	20.0	20.5		ug/L		103	60 - 142
Dichlorobromomethane	1.0	U	20.0	20.0		ug/L		100	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	19.3		ug/L		97	27 - 120
Ethylbenzene	1.2		20.0	20.4		ug/L		96	78 - 120
Ethylene Dibromide	1.0	U	20.0	18.7		ug/L		93	79 - 126
Isopropylbenzene	1.0	U	20.0	19.7		ug/L		99	79 - 125
Methyl acetate	5.0	U	40.0	38.5		ug/L		96	43 - 120
Methyl tert-butyl ether	1.0	U	20.0	16.9		ug/L		84	72 - 131
Methylcyclohexane	1.0	U	20.0	19.8		ug/L		99	49 - 149
Methylene Chloride	1.0	U	20.0	17.7		ug/L		88	74 - 127
m-Xylene & p-Xylene	0.42	J	20.0	19.3		ug/L		94	78 - 120
n-Butylbenzene	1.0	U	20.0	19.5		ug/L		98	69 - 135
N-Propylbenzene	1.0	U	20.0	19.0		ug/L		95	68 - 129
o-Xylene	3.6		20.0	24.1		ug/L		103	78 - 120
sec-Butylbenzene	1.0	U	20.0	19.8		ug/L		99	68 - 129
Styrene	1.0	U	20.0	20.3		ug/L		102	82 - 127
tert-Butylbenzene	1.0	U	20.0	19.1		ug/L		96	62 - 120
Tetrachloroethene	1.0	U	20.0	20.9		ug/L		104	70 - 127
Toluene	1.0	U	20.0	19.1		ug/L		96	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	17.8		ug/L		89	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	18.4		ug/L		92	66 - 127
Trichloroethene	1.0	U	20.0	18.7		ug/L		94	51 - 121
Trichlorofluoromethane	1.0	U	20.0	21.6		ug/L		108	50 - 120
Vinyl chloride	1.0	U	20.0	19.0		ug/L		95	55 - 144
Xylenes, Total	4.0		40.0	43.4		ug/L		99	80 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	107		70 - 128
4-Bromofluorobenzene	99		76 - 120
Dibromofluoromethane (Surr)	105		77 - 132
Toluene-d8 (Surr)	103		80 - 120

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-297468-A-4 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 958092

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.6		ug/L		103	72 - 128	2	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	18.8		ug/L		94	63 - 139	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	21.4		ug/L		107	51 - 142	6	30
1,1,2-Trichloroethane	1.0	U	20.0	18.4		ug/L		92	74 - 125	5	30
1,1-Dichloroethane	1.0	U	20.0	18.0		ug/L		90	73 - 130	1	30
1,1-Dichloroethene	1.0	U	20.0	18.3		ug/L		92	68 - 133	4	30
1,2,3-Trichlorobenzene	1.0	U	20.0	20.9		ug/L		105	52 - 120	16	30
1,2,4-Trichlorobenzene	1.0	U	20.0	20.5		ug/L		102	67 - 132	9	30
1,2,4-Trimethylbenzene	8.2		20.0	31.3		ug/L		115	75 - 125	2	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	19.7		ug/L		98	58 - 132	14	30
1,2-Dichlorobenzene	1.0	U	20.0	19.9		ug/L		100	80 - 120	0	30
1,2-Dichloroethane	1.0	U	20.0	19.4		ug/L		97	66 - 129	1	30
1,2-Dichloropropane	1.0	U	20.0	18.9		ug/L		94	68 - 128	4	30
1,3,5-Trimethylbenzene	0.97	J	20.0	21.7		ug/L		103	75 - 125	2	30
1,3-Dichlorobenzene	1.0	U	20.0	20.6		ug/L		103	80 - 120	4	30
1,4-Dichlorobenzene	1.0	U	20.0	20.2		ug/L		101	80 - 120	4	30
2-Butanone (MEK)	5.0	U	100	93.2		ug/L		93	61 - 142	3	30
2-Hexanone	5.0	U	100	108		ug/L		108	61 - 134	8	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	108		ug/L		108	69 - 139	4	30
Acetone	5.0	U	100	80.4		ug/L		80	49 - 149	4	30
Benzene	1.0	U	20.0	18.2		ug/L		91	71 - 126	2	30
Bromoform	1.0	U	20.0	18.7		ug/L		94	58 - 136	1	30
Bromomethane	1.0	U	20.0	18.9		ug/L		95	10 - 120	10	30
Carbon disulfide	1.0	U	20.0	17.3		ug/L		87	68 - 138	7	30
Carbon tetrachloride	1.0	U	20.0	20.9		ug/L		105	65 - 142	3	30
Chlorobenzene	1.0	U	20.0	19.6		ug/L		98	80 - 120	0	30
Chlorobromomethane	1.0	U	20.0	20.1		ug/L		101	76 - 134	2	30
Chlorodibromomethane	1.0	U	20.0	19.1		ug/L		95	69 - 130	2	30
Chloroethane	1.0	U	20.0	17.4		ug/L		87	48 - 150	0	30
Chloroform	1.0	U	20.0	20.3		ug/L		102	78 - 125	4	30
Chloromethane	1.0	U	20.0	19.5		ug/L		97	43 - 140	8	30
cis-1,2-Dichloroethene	1.0	U	20.0	19.7		ug/L		99	78 - 121	4	30
cis-1,3-Dichloropropene	1.0	U	20.0	17.9		ug/L		90	74 - 125	4	30
Cyclohexane	1.0	U	20.0	21.0		ug/L		105	60 - 142	2	30
Dichlorobromomethane	1.0	U	20.0	19.4		ug/L		97	76 - 121	3	30
Dichlorodifluoromethane	1.0	U	20.0	20.2		ug/L		101	27 - 120	4	30
Ethylbenzene	1.2		20.0	20.5		ug/L		97	78 - 120	0	30
Ethylene Dibromide	1.0	U	20.0	18.0		ug/L		90	79 - 126	4	30
Isopropylbenzene	1.0	U	20.0	20.4		ug/L		102	79 - 125	4	30
Methyl acetate	5.0	U	40.0	35.5		ug/L		89	43 - 120	8	30
Methyl tert-butyl ether	1.0	U	20.0	15.7		ug/L		79	72 - 131	7	30
Methylcyclohexane	1.0	U	20.0	19.7		ug/L		99	49 - 149	1	30
Methylene Chloride	1.0	U	20.0	18.3		ug/L		91	74 - 127	3	30
m-Xylene & p-Xylene	0.42	J	20.0	19.5		ug/L		95	78 - 120	1	30
n-Butylbenzene	1.0	U	20.0	20.8		ug/L		104	69 - 135	6	30
N-Propylbenzene	1.0	U	20.0	19.8		ug/L		99	68 - 129	4	30
o-Xylene	3.6		20.0	23.7		ug/L		101	78 - 120	2	30
sec-Butylbenzene	1.0	U	20.0	20.5		ug/L		103	68 - 129	4	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-297468-A-4 MSD

Matrix: Water

Analysis Batch: 958092

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Styrene	1.0	U	20.0	20.3		ug/L		101	82 - 127	0	30
tert-Butylbenzene	1.0	U	20.0	20.9		ug/L		104	62 - 120	9	30
Tetrachloroethene	1.0	U	20.0	19.8		ug/L		99	70 - 127	5	30
Toluene	1.0	U	20.0	18.9		ug/L		95	78 - 120	1	30
trans-1,2-Dichloroethene	1.0	U	20.0	18.4		ug/L		92	74 - 126	3	30
trans-1,3-Dichloropropene	1.0	U	20.0	17.4		ug/L		87	66 - 127	5	30
Trichloroethene	1.0	U	20.0	18.4		ug/L		92	51 - 121	2	30
Trichlorofluoromethane	1.0	U	20.0	21.0		ug/L		105	50 - 120	2	30
Vinyl chloride	1.0	U	20.0	20.4		ug/L		102	55 - 144	7	30
Xylenes, Total	4.0		40.0	43.2		ug/L		98	80 - 120	1	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	105		70 - 128
4-Bromofluorobenzene	101		76 - 120
Dibromofluoromethane (Surr)	108		77 - 132
Toluene-d8 (Surr)	100		80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-957942/1-A

Matrix: Water

Analysis Batch: 957979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 957942

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1'-Biphenyl	10	U	10	1.2	ug/L		02/05/24 09:32	02/05/24 13:14	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		02/05/24 09:32	02/05/24 13:14	1
1,4-Dioxane	10	U	10	1.6	ug/L		02/05/24 09:32	02/05/24 13:14	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		02/05/24 09:32	02/05/24 13:14	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		02/05/24 09:32	02/05/24 13:14	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		02/05/24 09:32	02/05/24 13:14	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		02/05/24 09:32	02/05/24 13:14	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		02/05/24 09:32	02/05/24 13:14	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		02/05/24 09:32	02/05/24 13:14	1
2,4-Dinitrophenol	40	U	40	2.6	ug/L		02/05/24 09:32	02/05/24 13:14	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		02/05/24 09:32	02/05/24 13:14	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		02/05/24 09:32	02/05/24 13:14	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		02/05/24 09:32	02/05/24 13:14	1
2-Chlorophenol	10	U	10	0.38	ug/L		02/05/24 09:32	02/05/24 13:14	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		02/05/24 09:32	02/05/24 13:14	1
2-Methylphenol	10	U	10	0.67	ug/L		02/05/24 09:32	02/05/24 13:14	1
2-Nitroaniline	10	U	10	0.47	ug/L		02/05/24 09:32	02/05/24 13:14	1
2-Nitrophenol	10	U	10	0.75	ug/L		02/05/24 09:32	02/05/24 13:14	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		02/05/24 09:32	02/05/24 13:14	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		02/05/24 09:32	02/05/24 13:14	1
3-Nitroaniline	10	U	10	1.9	ug/L		02/05/24 09:32	02/05/24 13:14	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		02/05/24 09:32	02/05/24 13:14	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		02/05/24 09:32	02/05/24 13:14	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		02/05/24 09:32	02/05/24 13:14	1
4-Chloroaniline	10	U	10	1.9	ug/L		02/05/24 09:32	02/05/24 13:14	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-957942/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 957979

Prep Batch: 957942

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		02/05/24 09:32	02/05/24 13:14	1
4-Methylphenol	10	U	10	0.65	ug/L		02/05/24 09:32	02/05/24 13:14	1
4-Nitroaniline	10	U	10	1.2	ug/L		02/05/24 09:32	02/05/24 13:14	1
4-Nitrophenol	20	U	20	4.0	ug/L		02/05/24 09:32	02/05/24 13:14	1
Acenaphthene	10	U	10	1.1	ug/L		02/05/24 09:32	02/05/24 13:14	1
Acenaphthylene	10	U	10	0.82	ug/L		02/05/24 09:32	02/05/24 13:14	1
Acetophenone	10	U	10	2.3	ug/L		02/05/24 09:32	02/05/24 13:14	1
Anthracene	10	U	10	1.3	ug/L		02/05/24 09:32	02/05/24 13:14	1
Atrazine	2.0	U	2.0	1.3	ug/L		02/05/24 09:32	02/05/24 13:14	1
Benzaldehyde	10	U	10	2.1	ug/L		02/05/24 09:32	02/05/24 13:14	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		02/05/24 09:32	02/05/24 13:14	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		02/05/24 09:32	02/05/24 13:14	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		02/05/24 09:32	02/05/24 13:14	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		02/05/24 09:32	02/05/24 13:14	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		02/05/24 09:32	02/05/24 13:14	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		02/05/24 09:32	02/05/24 13:14	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		02/05/24 09:32	02/05/24 13:14	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		02/05/24 09:32	02/05/24 13:14	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		02/05/24 09:32	02/05/24 13:14	1
Caprolactam	10	U	10	2.2	ug/L		02/05/24 09:32	02/05/24 13:14	1
Carbazole	10	U	10	0.68	ug/L		02/05/24 09:32	02/05/24 13:14	1
Chrysene	2.0	U	2.0	0.91	ug/L		02/05/24 09:32	02/05/24 13:14	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		02/05/24 09:32	02/05/24 13:14	1
Dibenzofuran	10	U	10	1.1	ug/L		02/05/24 09:32	02/05/24 13:14	1
Diethyl phthalate	10	U	10	0.98	ug/L		02/05/24 09:32	02/05/24 13:14	1
Dimethyl phthalate	10	U	10	0.77	ug/L		02/05/24 09:32	02/05/24 13:14	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		02/05/24 09:32	02/05/24 13:14	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		02/05/24 09:32	02/05/24 13:14	1
Fluoranthene	10	U	10	0.84	ug/L		02/05/24 09:32	02/05/24 13:14	1
Fluorene	10	U	10	0.91	ug/L		02/05/24 09:32	02/05/24 13:14	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		02/05/24 09:32	02/05/24 13:14	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		02/05/24 09:32	02/05/24 13:14	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		02/05/24 09:32	02/05/24 13:14	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		02/05/24 09:32	02/05/24 13:14	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		02/05/24 09:32	02/05/24 13:14	1
Isophorone	10	U	10	0.80	ug/L		02/05/24 09:32	02/05/24 13:14	1
Naphthalene	2.0	U	2.0	0.54	ug/L		02/05/24 09:32	02/05/24 13:14	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		02/05/24 09:32	02/05/24 13:14	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		02/05/24 09:32	02/05/24 13:14	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		02/05/24 09:32	02/05/24 13:14	1
Pentachlorophenol	20	U	20	1.4	ug/L		02/05/24 09:32	02/05/24 13:14	1
Phenanthrene	10	U	10	1.3	ug/L		02/05/24 09:32	02/05/24 13:14	1
Phenol	10	U	10	0.29	ug/L		02/05/24 09:32	02/05/24 13:14	1
Pyrene	10	U	10	1.6	ug/L		02/05/24 09:32	02/05/24 13:14	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	110		37 - 150	02/05/24 09:32	02/05/24 13:14	1
2-Fluorobiphenyl	95		46 - 139	02/05/24 09:32	02/05/24 13:14	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-957942/1-A
Matrix: Water
Analysis Batch: 957979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 957942

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorophenol (Surr)	80		16 - 80	02/05/24 09:32	02/05/24 13:14	1
Nitrobenzene-d5 (Surr)	109		51 - 145	02/05/24 09:32	02/05/24 13:14	1
Phenol-d5 (Surr)	70	*	10 - 56	02/05/24 09:32	02/05/24 13:14	1
Terphenyl-d14 (Surr)	109		13 - 150	02/05/24 09:32	02/05/24 13:14	1

Lab Sample ID: LCS 460-957942/2-A
Matrix: Water
Analysis Batch: 957979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 957942

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	80.0	62.4		ug/L		78	46 - 136
1,4-Dioxane	80.0	30.4		ug/L		38	23 - 120
2,2'-oxybis[1-chloropropane]	80.0	72.6		ug/L		91	19 - 132
2,3,4,6-Tetrachlorophenol	80.0	72.7		ug/L		91	66 - 143
2,4,5-Trichlorophenol	80.0	65.1		ug/L		81	67 - 131
2,4,6-Trichlorophenol	80.0	68.2		ug/L		85	68 - 134
2,4-Dichlorophenol	80.0	63.9		ug/L		80	65 - 120
2,4-Dimethylphenol	80.0	53.9		ug/L		67	58 - 120
2,4-Dinitrophenol	160	178		ug/L		111	39 - 120
2,4-Dinitrotoluene	80.0	82.6		ug/L		103	68 - 146
2,6-Dinitrotoluene	80.0	77.9		ug/L		97	74 - 141
2-Chloronaphthalene	80.0	64.6		ug/L		81	52 - 131
2-Chlorophenol	80.0	54.1		ug/L		68	53 - 120
2-Methylnaphthalene	80.0	65.7		ug/L		82	44 - 120
2-Methylphenol	80.0	46.9		ug/L		59	44 - 120
2-Nitroaniline	80.0	77.3		ug/L		97	44 - 148
2-Nitrophenol	80.0	72.7		ug/L		91	60 - 125
3 & 4 Methylphenol	80.0	45.2		ug/L		56	37 - 120
3,3'-Dichlorobenzidine	80.0	63.1		ug/L		79	56 - 137
3-Nitroaniline	80.0	62.9		ug/L		79	54 - 120
4,6-Dinitro-2-methylphenol	160	175		ug/L		109	64 - 150
4-Bromophenyl phenyl ether	80.0	61.1		ug/L		76	62 - 136
4-Chloro-3-methylphenol	80.0	63.2		ug/L		79	61 - 120
4-Chloroaniline	80.0	59.4		ug/L		74	51 - 127
4-Chlorophenyl phenyl ether	80.0	69.1		ug/L		86	59 - 135
4-Methylphenol	80.0	45.3		ug/L		57	37 - 120
4-Nitroaniline	80.0	70.6		ug/L		88	52 - 141
4-Nitrophenol	160	50.1		ug/L		31	10 - 120
Acenaphthene	80.0	69.6		ug/L		87	57 - 132
Acenaphthylene	80.0	65.9		ug/L		82	54 - 120
Acetophenone	80.0	71.1		ug/L		89	62 - 120
Anthracene	80.0	68.4		ug/L		86	65 - 120
Atrazine	40.0	35.4		ug/L		89	10 - 150
Benzaldehyde	40.0	35.6		ug/L		89	10 - 150
Benzo[a]anthracene	80.0	69.5		ug/L		87	67 - 132
Benzo[a]pyrene	80.0	74.8		ug/L		94	60 - 126
Benzo[b]fluoranthene	80.0	75.4		ug/L		94	66 - 136

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-957942/2-A

Matrix: Water

Analysis Batch: 957979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 957942

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzo[g,h,i]perylene	80.0	63.5		ug/L		79	59 - 150
Benzo[k]fluoranthene	80.0	74.4		ug/L		93	64 - 135
Bis(2-chloroethoxy)methane	80.0	70.0		ug/L		87	60 - 120
Bis(2-chloroethyl)ether	80.0	69.4		ug/L		87	55 - 120
Bis(2-ethylhexyl) phthalate	80.0	76.1		ug/L		95	60 - 150
Butyl benzyl phthalate	80.0	74.1		ug/L		93	63 - 147
Caprolactam	40.0	7.33	J	ug/L		18	10 - 120
Carbazole	80.0	71.4		ug/L		89	65 - 129
Chrysene	80.0	70.5		ug/L		88	63 - 127
Dibenz(a,h)anthracene	80.0	69.9		ug/L		87	62 - 150
Dibenzofuran	80.0	69.5		ug/L		87	58 - 132
Diethyl phthalate	80.0	72.3		ug/L		90	70 - 129
Dimethyl phthalate	80.0	71.3		ug/L		89	72 - 131
Di-n-butyl phthalate	80.0	72.3		ug/L		90	66 - 133
Di-n-octyl phthalate	80.0	79.0		ug/L		99	36 - 150
Fluoranthene	80.0	71.8		ug/L		90	65 - 130
Fluorene	80.0	70.9		ug/L		89	63 - 133
Hexachlorobenzene	80.0	64.8		ug/L		81	61 - 142
Hexachlorobutadiene	80.0	44.1		ug/L		55	21 - 120
Hexachlorocyclopentadiene	80.0	43.1		ug/L		54	14 - 135
Hexachloroethane	80.0	37.5		ug/L		47	16 - 120
Indeno[1,2,3-cd]pyrene	80.0	73.4		ug/L		92	65 - 150
Isophorone	80.0	73.7		ug/L		92	61 - 121
Naphthalene	80.0	58.4		ug/L		73	43 - 120
Nitrobenzene	80.0	69.1		ug/L		86	64 - 120
N-Nitrosodi-n-propylamine	80.0	72.5		ug/L		91	53 - 120
N-Nitrosodiphenylamine	80.0	67.6		ug/L		85	63 - 120
Pentachlorophenol	160	147		ug/L		92	51 - 150
Phenanthrene	80.0	68.6		ug/L		86	65 - 120
Phenol	80.0	21.8		ug/L		27	17 - 120
Pyrene	80.0	73.3		ug/L		92	56 - 144

Surrogate	LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	98		37 - 150
2-Fluorobiphenyl	85		46 - 139
2-Fluorophenol (Surr)	41		16 - 80
Nitrobenzene-d5 (Surr)	96		51 - 145
Phenol-d5 (Surr)	28		10 - 56
Terphenyl-d14 (Surr)	84		13 - 150

Lab Sample ID: LCSD 460-957942/3-A

Matrix: Water

Analysis Batch: 957979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 957942

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
1,1'-Biphenyl	80.0	66.0		ug/L		83	53 - 131	1	30
1,2,4,5-Tetrachlorobenzene	80.0	61.1		ug/L		76	46 - 136	2	30
1,4-Dioxane	80.0	31.8		ug/L		40	23 - 120	5	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-957942/3-A

Matrix: Water

Analysis Batch: 957979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 957942

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
2,2'-oxybis[1-chloropropane]	80.0	72.1		ug/L		90	19 - 132	1	30
2,3,4,6-Tetrachlorophenol	80.0	74.2		ug/L		93	66 - 143	2	30
2,4,5-Trichlorophenol	80.0	66.6		ug/L		83	67 - 131	2	30
2,4,6-Trichlorophenol	80.0	68.9		ug/L		86	68 - 134	1	30
2,4-Dichlorophenol	80.0	63.8		ug/L		80	65 - 120	0	30
2,4-Dimethylphenol	80.0	53.2		ug/L		66	58 - 120	1	30
2,4-Dinitrophenol	160	186		ug/L		116	39 - 120	4	30
2,4-Dinitrotoluene	80.0	82.9		ug/L		104	68 - 146	0	30
2,6-Dinitrotoluene	80.0	77.3		ug/L		97	74 - 141	1	30
2-Chloronaphthalene	80.0	64.4		ug/L		81	52 - 131	0	30
2-Chlorophenol	80.0	53.9		ug/L		67	53 - 120	0	30
2-Methylnaphthalene	80.0	65.3		ug/L		82	44 - 120	1	30
2-Methylphenol	80.0	47.9		ug/L		60	44 - 120	2	30
2-Nitroaniline	80.0	78.6		ug/L		98	44 - 148	2	30
2-Nitrophenol	80.0	74.6		ug/L		93	60 - 125	3	30
3 & 4 Methylphenol	80.0	46.7		ug/L		58	37 - 120	3	30
3,3'-Dichlorobenzidine	80.0	63.4		ug/L		79	56 - 137	1	30
3-Nitroaniline	80.0	63.8		ug/L		80	54 - 120	1	30
4,6-Dinitro-2-methylphenol	160	176		ug/L		110	64 - 150	0	30
4-Bromophenyl phenyl ether	80.0	60.2		ug/L		75	62 - 136	1	30
4-Chloro-3-methylphenol	80.0	64.2		ug/L		80	61 - 120	2	30
4-Chloroaniline	80.0	58.8		ug/L		73	51 - 127	1	30
4-Chlorophenyl phenyl ether	80.0	69.3		ug/L		87	59 - 135	0	30
4-Methylphenol	80.0	46.8		ug/L		58	37 - 120	3	30
4-Nitroaniline	80.0	73.5		ug/L		92	52 - 141	4	30
4-Nitrophenol	160	51.6		ug/L		32	10 - 120	3	30
Acenaphthene	80.0	70.0		ug/L		88	57 - 132	1	30
Acenaphthylene	80.0	66.0		ug/L		83	54 - 120	0	30
Acetophenone	80.0	71.7		ug/L		90	62 - 120	1	30
Anthracene	80.0	68.9		ug/L		86	65 - 120	1	30
Atrazine	40.0	35.9		ug/L		90	10 - 150	1	30
Benzaldehyde	40.0	35.9		ug/L		90	10 - 150	1	30
Benzo[a]anthracene	80.0	69.1		ug/L		86	67 - 132	1	30
Benzo[a]pyrene	80.0	76.0		ug/L		95	60 - 126	2	30
Benzo[b]fluoranthene	80.0	75.9		ug/L		95	66 - 136	1	30
Benzo[g,h,i]perylene	80.0	61.7		ug/L		77	59 - 150	3	30
Benzo[k]fluoranthene	80.0	76.1		ug/L		95	64 - 135	2	30
Bis(2-chloroethoxy)methane	80.0	69.9		ug/L		87	60 - 120	0	30
Bis(2-chloroethyl)ether	80.0	69.6		ug/L		87	55 - 120	0	30
Bis(2-ethylhexyl) phthalate	80.0	74.8		ug/L		93	60 - 150	2	30
Butyl benzyl phthalate	80.0	74.4		ug/L		93	63 - 147	0	30
Caprolactam	40.0	7.92	J	ug/L		20	10 - 120	8	30
Carbazole	80.0	71.8		ug/L		90	65 - 129	1	30
Chrysene	80.0	70.9		ug/L		89	63 - 127	1	30
Dibenz(a,h)anthracene	80.0	66.9		ug/L		84	62 - 150	4	30
Dibenzofuran	80.0	69.6		ug/L		87	58 - 132	0	30
Diethyl phthalate	80.0	73.0		ug/L		91	70 - 129	1	30
Dimethyl phthalate	80.0	72.5		ug/L		91	72 - 131	2	30
Di-n-butyl phthalate	80.0	73.3		ug/L		92	66 - 133	1	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-957942/3-A

Matrix: Water

Analysis Batch: 957979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 957942

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec		RPD	RPD
	Added	Result	Qualifier				Limits	RPD	Limit	
Di-n-octyl phthalate	80.0	80.2		ug/L		100	36 - 150	2	30	
Fluoranthene	80.0	73.0		ug/L		91	65 - 130	2	30	
Fluorene	80.0	71.0		ug/L		89	63 - 133	0	30	
Hexachlorobenzene	80.0	64.6		ug/L		81	61 - 142	0	30	
Hexachlorobutadiene	80.0	44.8		ug/L		56	21 - 120	2	30	
Hexachlorocyclopentadiene	80.0	43.1		ug/L		54	14 - 135	0	30	
Hexachloroethane	80.0	37.7		ug/L		47	16 - 120	1	30	
Indeno[1,2,3-cd]pyrene	80.0	74.1		ug/L		93	65 - 150	1	30	
Isophorone	80.0	74.2		ug/L		93	61 - 121	1	30	
Naphthalene	80.0	57.7		ug/L		72	43 - 120	1	30	
Nitrobenzene	80.0	69.8		ug/L		87	64 - 120	1	30	
N-Nitrosodi-n-propylamine	80.0	73.5		ug/L		92	53 - 120	1	30	
N-Nitrosodiphenylamine	80.0	66.6		ug/L		83	63 - 120	2	30	
Pentachlorophenol	160	149		ug/L		93	51 - 150	2	30	
Phenanthrene	80.0	68.8		ug/L		86	65 - 120	0	30	
Phenol	80.0	21.5		ug/L		27	17 - 120	2	30	
Pyrene	80.0	72.0		ug/L		90	56 - 144	2	30	

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	102		37 - 150
2-Fluorobiphenyl	86		46 - 139
2-Fluorophenol (Surr)	41		16 - 80
Nitrobenzene-d5 (Surr)	96		51 - 145
Phenol-d5 (Surr)	29		10 - 56
Terphenyl-d14 (Surr)	83		13 - 150

QC Association Summary

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

GC/MS VOA

Analysis Batch: 957924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-297376-1	MW-01_20240201	Total/NA	Water	8260D	
460-297376-3	MW-04_20240201	Total/NA	Water	8260D	
460-297376-4	TB_20240201	Total/NA	Water	8260D	
MB 460-957924/9	Method Blank	Total/NA	Water	8260D	
LCS 460-957924/4	Lab Control Sample	Total/NA	Water	8260D	
460-297357-B-1 MS	Matrix Spike	Total/NA	Water	8260D	
460-297357-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 958092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-297376-2	MW-03_20240201	Total/NA	Water	8260D	
MB 460-958092/9	Method Blank	Total/NA	Water	8260D	
LCS 460-958092/4	Lab Control Sample	Total/NA	Water	8260D	
460-297468-A-4 MS	Matrix Spike	Total/NA	Water	8260D	
460-297468-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 957942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-297376-1	MW-01_20240201	Total/NA	Water	3510C	
460-297376-2	MW-03_20240201	Total/NA	Water	3510C	
460-297376-3	MW-04_20240201	Total/NA	Water	3510C	
MB 460-957942/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-957942/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-957942/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 957979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-297376-1	MW-01_20240201	Total/NA	Water	8270E	957942
460-297376-2	MW-03_20240201	Total/NA	Water	8270E	957942
460-297376-3	MW-04_20240201	Total/NA	Water	8270E	957942
MB 460-957942/1-A	Method Blank	Total/NA	Water	8270E	957942
LCS 460-957942/2-A	Lab Control Sample	Total/NA	Water	8270E	957942
LCSD 460-957942/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	957942

Lab Chronicle

Client: AKRF Inc
 Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Client Sample ID: MW-01_20240201

Lab Sample ID: 460-297376-1

Date Collected: 02/01/24 14:15

Matrix: Water

Date Received: 02/01/24 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	957924	EMM	EET EDI	02/05/24 18:14
Total/NA	Prep	3510C			957942	NMP	EET EDI	02/05/24 09:33
Total/NA	Analysis	8270E		1	957979	DXD	EET EDI	02/05/24 15:20

Client Sample ID: MW-03_20240201

Lab Sample ID: 460-297376-2

Date Collected: 02/01/24 12:30

Matrix: Water

Date Received: 02/01/24 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958092	MZS	EET EDI	02/06/24 12:43
Total/NA	Prep	3510C			957942	NMP	EET EDI	02/05/24 09:33
Total/NA	Analysis	8270E		1	957979	DXD	EET EDI	02/05/24 15:41

Client Sample ID: MW-04_20240201

Lab Sample ID: 460-297376-3

Date Collected: 02/01/24 10:30

Matrix: Water

Date Received: 02/01/24 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	957924	EMM	EET EDI	02/05/24 19:04
Total/NA	Prep	3510C			957942	NMP	EET EDI	02/05/24 09:33
Total/NA	Analysis	8270E		1	957979	DXD	EET EDI	02/05/24 16:02

Client Sample ID: TB_20240201

Lab Sample ID: 460-297376-4

Date Collected: 02/01/24 00:00

Matrix: Water

Date Received: 02/01/24 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	957924	EMM	EET EDI	02/05/24 13:14

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-24

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
8270E	3510C	Water	3 & 4 Methylphenol

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900



Sample Summary

Client: AKRF Inc
Project/Site: 2477 Third Ave Bronx - Jiten

Job ID: 460-297376-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-297376-1	MW-01_20240201	Water	02/01/24 14:15	02/01/24 18:00
460-297376-2	MW-03_20240201	Water	02/01/24 12:30	02/01/24 18:00
460-297376-3	MW-04_20240201	Water	02/01/24 10:30	02/01/24 18:00
460-297376-4	TB_20240201	Water	02/01/24 00:00	02/01/24 18:00

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

NYC
222

TAL-8210

Address:

Regulatory Program DW NPDES RCRA Other:

Client Contact
 Company Name: ARL
 Address: 440 Park Ave South, Fl 7
 City/State/Zip: New York, NY
 Phone: 212 696 0670
 Fax:
 Project Name: 2477 3rd Ave
 Site: 2477 3rd Ave, Bronx, NY
 PO #: 11160

Project Manager: ARL Schwenke
 Tel/Email: Aschwendt@eurofins.com
 Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below:
 2 weeks
 1 week
 2 days
 1 day
Standard

Site Contact: Fl. Fleming Date: 2/1/24
 Lab Contact: M. Haas Carrier:
 VOCs 8260
 SVOCs 8270

Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
MW-01-20240201	2/1/24	1415	G	AR	5	N	X	
MW-03-20240201	2/1/24	1230	G	AQ	5	N	X	
MW-04-20240201	2/1/24	1030	G	AQ	5	N	X	
TB-20240201	2/1/24	NA	NA	AR	2	N	X	



460-297376 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
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Close SDG
CAT B Deliverables
 Custody Seal No.:
 Relinquished by: Mark Jovan Date/Time: 2/1/24 Received by: ARL Date/Time: 2/1/24
 Relinquished by: ARL Date/Time: 2/1/24 Received by: ARL Date/Time: 2/1/24
 Relinquished by: ARL Date/Time: 2/1/24 Received by: ARL Date/Time: 2/1/24

1115-15



Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 197576

Number of Coolers: 9

IR Gun #

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	7°C	7°C
Cooler #2:	7°C	7°C
Cooler #3:	7°C	7°C

	RAW	CORRECTED
Cooler #4:	7°C	7°C
Cooler #5:	7°C	7°C
Cooler #6:	7°C	7°C

	RAW	CORRECTED
Cooler #7:	7°C	7°C
Cooler #8:	7°C	7°C
Cooler #9:	7°C	7°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other

If pH adjustments are required record the information below

Sample No(s), adjusted _____
 Preservative Name/Conc. _____
 Lot # of Preservative(s): _____
 Expiration Date: _____

Volume of Preservative used (ml): _____
 The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.
 * Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials J. J. J. Date: 2/12/24

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-297376-1

Login Number: 297376

List Number: 1

Creator: Thundathorn, Sukanan 1

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	



ATTACHMENT B
GROUNDWATER SAMPLING LOGS



Well Sampling Log

Job No: 11160	Client: JITEN LLC	Well No: MW-01
Project Location: 2477 3rd Ave	Sampled By: MF	
Date: 2/1/24	Sampling Time: 1415	
LEL at surface: NA		
PID at surface: 0.1		

Total Depth: 15.17 ft. below top of casing	Water Column (WC): 7.33 feet	*= 0.163 * WC for 2" wells
Depth to Water: 7.84 ft. below top of casing	Well Volume*: 1.2 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: 2.5 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 5.17 ft. below top of casing	Well Diam.: 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.17 ft. below top of casing	Purging Device (pump type): QED	
Approx. Pump Intake: 11.51 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
1325	7.84	100	13.5	1780	8.653	7.33	-26.5	25.91	No odor/ No sheen
1330	7.84		13.5	1746	6.27	7.32	-39.1	24.23	
1335	7.99		13.6	1733	6.42	7.31	-80.6	23.03	
1340	7.99		13.6	1719	6.31	7.29	-54.3	26.30	
1345	7.99		13.7	1704	5.88	7.28	-58.2	19.33	
1350	7.99		13.7	1697	6.46	7.29	-62.0	27.00	
1355	7.99		13.7	1696	5.55	7.29	-64.7	15.85	
1400	7.99		13.7	1670	5.68	7.29	-70.3	13.47	
1405	7.99		13.7	1668	5.66	7.28	-71.1	12.50	
1410	7.99		13.7	1669	5.53	7.28	-71.7	12.38	
1420	7.99		13.6	1658	5.15	7.29	-69.7	10.04	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	

Groundwater samples analyzed for: VOCs / SVOCs BnAs

Well Sampling Log



Well No:

MW-D3

Job No: <u>MG6</u>	Client: <u>SITEN LLC</u>
Project Location: <u>2477 3rd Ave</u>	Sampled By: <u>Madelyn Fleming</u>
Date: <u>2/1/24</u>	Sampling Time: <u>1230</u>
LEL at surface: <u>NA</u>	
PID at surface: <u>ND</u>	
Total Depth: <u>15.12</u> ft. below top of casing	Water Column (WC): <u>7.6</u> feet
Depth to Water: <u>7.52</u> ft. below top of casing	Well Volume*: <u>1.2</u> gallons
Depth to Product: <u>ND</u> ft. below top of casing	Volume Purged: <u>2.5</u> gallons
Depth to top of screen: <u>5.12</u> ft. below top of casing	Well Diam.: <u>2</u> inches
Depth to bottom of screen: <u>15.12</u> ft. below top of casing	Purging Device (pump type): <u>AGD</u>
Approx. Pump Intake: <u>11.32</u> ft. below top of casing	

*= 0.163 * WC for 2" wells
 *= 0.653 * WC for 4" wells
 *= 1.469 * WC for 6" wells

Target maximum flow rate is 100 ml/min

Comments (problems, odor, sheen)

WC 5
+ Depth to water

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
1120	7.52	100	13.2	4990	0.65	7.17	30.4	21.80
1125	7.52	↓	13.5	4415	0.45	7.18	-7.5	16.53
1130	7.86	↓	13.4	4027	0.35	7.19	-36.1	15.36
1135	7.86	↓	13.5	3831	0.29	7.19	-51.5	14.12
1140	7.89	↓	13.6	3702	0.27	7.20	-58.9	12.56
1145	7.89	↓	13.5	3628	0.26	7.20	-65.3	11.62
1150	7.90	↓	13.6	3606	0.28	7.20	-68.5	10.21
1155	7.90	↓	13.6	3574	0.24	7.20	-72.9	9.27
1200	7.89	↓	13.5	3561	0.23	7.20	-74.6	8.18
1205	7.89	↓	13.5	3563	0.23	7.21	-76.8	7.81
1210	7.89	↓	13.5	3567	0.22	7.21	-78.7	7.63
1215	7.89	↓	13.6	3575	0.21	7.21	-81.5	6.97
1220	7.89	↓	13.6	3578	0.21	7.21	-81.9	7.04
1225	7.89	↓	13.6	3576	0.21	7.21	-82.1	6.95
1238	7.89	SAMPLE	13.3	3601	0.59	7.23	-82.7	14.03
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU

No odor,
no
sheen

If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for:

VOCs / SVOCs BTEX



Well Sampling Log

Job No: 11160	Client: JITEN LLC	Well No: MW-4
Project Location: 2477 3rd Ave	Sampled By: MF	
Date: 2/1/24	Sampling Time: 1030	
LEL at surface: NA		
PID at surface: 848.3		
Total Depth: ~15.5 ft. below top of casing	Water Column (WC): 7.7 feet	*= 0.163 * WC for 2" wells
Depth to Water: 7.80 ft. below top of casing	Well Volume*: 1.2 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	Volume Purged: 1.5 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 5.5 ft. below top of casing	Well Diam.: 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 15.5 ft. below top of casing	Purging Device (pump type): QED	
Approx. Pump Intake: 11.65 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
0940	7.89	100	13.7	1462	1.15	6.77	-152.6	6.59	Petroleum-like odor no sheen
0945	7.89	100	14	1453	0.38	6.83	-157	6.39	
0950	7.88	100	14.2	1406	0.24	6.87	-159.1	6.98	
0955	7.88	100	14.2	1384	0.22	6.88	-159.2	6.25	
1000	7.88	100	14.3	1383	0.20	6.89	-159.2	6.33	
1005	7.88	100	14.2	1374	0.19	6.88	-158.5	6.22	
1010	7.89	100	14.3	1370	0.19	6.89	-157.5	6.25	
1015	7.89	100	14.2	1359	0.16	6.89	-155.6	6.45	
1020	7.89	100	14.3	1360	0.16	6.89	-154.8	6.02	
1025	7.89	100	14.3	1360	0.16	6.89	-154.5	6.09	
		SAMPLE							
1030	7.89	100	13.6	1354	0.27	6.89	-141.1	5.83	
							-149.1		

Stabilization Criteria:

+/- 3 mS/cm +/- 0.3 mg/L +/- 0.1 pH units +/- 10 mV <50 NTU

If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: **TCL VOCs /BNAs, SVOCs**