JS Rochdale Cleaners
Periodic Review Report

165-50 Baisley Boulevard, Jamaica
Block 12495, portion of Lot 2
NYSDEC BCP Site Number: C241165

Prepared for:
Rochdale Village, Inc.
169-55 137th Avenue
Queens, NY 11434

For Submittal to:
NYS Department of Environmental Conservation
Division of Environmental Remediation
1 Hunters Point Plaza
47-40 21st Street
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June 2023

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1.0 EXECUTIVE SUMMARY

On behalf of Rochdale Village, Inc. (the Remedial Party), Matthew M. Carroll, P.E. and Tenen Environmental, LLC (Tenen) have prepared this Periodic Review Report (PRR) for the property located at 165-50 Baisley Boulevard (Block 12495, portion of Lot 2) in the Jamaica neighborhood of the borough of Queens, New York (the Site). The Site is located within the Rochdale Village Mall (Mall #1), part of a larger community development and housing complex known as Rochdale Village. The Site is located in Queens Community Board 12.

Rochdale Mall #1 is a one- and two-story retail and office building (141,000 gross square feet) with associated parking. The Rochdale Village complex is bounded by Baisley Boulevard, Bedell Street, 137th Street and Guy R. Brewer Boulevard. Mall #1 is located in the northwest corner of Rochdale Village with associated parking spaces fronting Baisley Boulevard and Guy R. Brewer Boulevard. The Site is a 3,160 square foot one-story retail space located in the eastern end of Rochdale Village Mall. Surrounding properties include commercial and residential use buildings within the Rochdale Village Mall and associated parking and truck loading spaces. A Site location map is included in Figure 1 and current Site uses are shown on Figure 2.

This document has been prepared in accordance with the Site Management Plan (SMP) dated December 2019 and approved by the New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Site # C241165, which was executed on February 13, 2015. A Certificate of Completion was issued for the Site on December 20, 2019.

The work completed and reported in this PRR complies with the SMP and includes the following: annual groundwater sampling; SSDS and SVE system pressure monitoring; and, inspections of institutional and engineering controls on quarterly and annual bases, and as needed. The Site is currently in compliance with the material elements of the SMP. The remedial program, as detailed in the SMP, continues to be effective.

2.0 BACKGROUND AND SETTING

This section includes a description of the Site, and summaries of Site characteristics, historic operations and regulatory interactions.

2.1 Site Description

The Site is located at 165-50 Baisley Boulevard in the Jamaica neighborhood of Queens, New York. The site is located within the Rochdale Village Mall (Mall #1), part of a larger community development and housing complex known as Rochdale Village. The Site is a 3,160 square foot one-story retail space located in the eastern end of Rochdale Village Mall and in Queens Community Board 12. The retail space is currently vacant. The Site is located in an R6 zoning district; a designation which denotes a built-up, medium density area; however, the zoning district has a C2-2 overlay, allowing for commercial uses to meet local retail needs and allows for commercial and residential uses in the same building. The surrounding properties include mixed-use commercial and residential use buildings within the Rochdale Village Mall and associated parking and truck loading spaces.

The Site is identified as Queens County Block 12495, portion of Lot 2 on the New York City Tax Map. The properties across Baisley Boulevard to the north are commercial (restaurants, gas station) and religious (New Jerusalem Baptist Church). Properties across Guy R. Brewer Boulevard to the west are commercial (Walgreens) and residential. Residential buildings are present to the north and west of the Site in the surrounding area. A Site Location Map is included as Figure 1.

2.2 Geological Setting

Based on the U.S. Geological Survey (Brooklyn-NY and Coney Island-NY Quadrangles) topographic map, the property lies at an elevation of approximately 21 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The surface topography slopes down to the southeast towards Jamaica Bay and the Atlantic Ocean.

The Site is underlain by shallow soils including historic fill material (silty sands mixed with anthropogenic materials) and fine to medium sand and silts to a depth of approximately ten feet below grade (ft-bg). The lithology below the shallow soils consists of medium to coarse grain sand and gravel to depths of up to 50 ft-bg. One soil boring was advanced to 50 ft-bg to investigate the potential presence of a confining layer; no clay layer was encountered. The approximate depth to bedrock (Ravenswood Granodiorite) is 800 ft-bg.

The depth to groundwater is approximately 14 feet below grade surface. Groundwater monitoring wells are shown on Figure 3. Based on the depth to water measurements, the groundwater flow is generally to the southeast, and is shown on Figure 4.

2.3 Historic Operations

The Site is currently vacant. Based on a review of historic information, the Site was used as a dry

cleaner for at least 19 years, however the Site had historically been occupied by Rochdale Village Cleaners prior to 1996. JS Rochdale Cleaners was identified as a hazardous waste generator. A fuel oil tank located to the rear of JS Rochdale Cleaners was identified as a REC for the property. Records indicate a fuel oil release in 1995; Spill Number 9510922 was assigned in November 1995. Reportedly, only one gallon of product was spilled during fuel oil delivery, and the NY Spills listing was closed the same day.

The Site has undergone renovations but remains vacant. A change of use notice will be submitted to the NYSDEC once a new tenant for the Site is proposed.

2.4 Regulatory Background

Rochdale Village, Inc. and the New York State Department of Environmental Conservation (NYSDEC) entered into a Brownfield Cleanup Agreement (BCA) on February 13, 2015, pursuant to which Rochdale Village, Inc. agreed to remediate the 3,160 square foot one-story retail space located in the eastern end of Rochdale Village Mall in Queens, New York. The Site was managed and remediated in accordance with the BCA and the NYSDEC-approved Remedial Action Work Plan (RAWP) dated March 18, 2019 prepared by Tenen.

After completion of the remedial work described in the RAWP, a Final Engineering Report (FER) was prepared by Tenen and certified by Matthew Carroll, P.E. on December 20, 2019. In order to manage residual contamination at the Site, Tenen prepared a Site Management Plan (SMP) dated December 19, 2019 and subsequently approved by the NYSDEC. The work described in this Periodic Review Report was completed in accordance with the SMP.

3.0 ENGINEERING AND INSTITUTIONAL CONTROLS

Several engineering controls (ECs) and institutional controls (ICs) are present at the Site to protect human health and the environment. A description of these controls and the current status of each are provided below. The Institutional and Engineering Controls Certification Form is included in Appendix 1.

3.1 Engineering Controls (ECs)

3.1.1 Soil Cover System

Exposure to remaining contamination at the Site is prevented by a cover system. The cover system is comprised of a minimum of six inches of concrete building slab.

Current status: The soil cover system remains in place with no observed breach. The composite cover system is a permanent control and the quality and integrity of this system has been inspected annually as per the SMP. The inspection checklist is included in Appendix 1.

3.1.2 Combined On-and Off-Site Sub-Slab Depressurization System (SSDS)

To minimize the potential for vapor intrusion, an active SSDS was installed both on-Site and in the off-Site commercial spaces within Rochdale Village Mall #1. The SSDS depressurizes below the current building slab as compared to the building environment. The SSDS consists of fifteen suction pits installed beneath the building slab, each connected to a fan on the roof via cast iron piping. The SSDS will continue to actively operate and will not be shut down unless written approval is obtained from the NYSDEC and New York State Department of Health (NYSDOH) under a clear demonstration that the subsurface soil vapor conditions no longer present a potential impact to indoor air quality. Additional information on the SSDS is included in the SMP.

Pressure monitoring was completed on March 17, 2022 by Tenen. Pressure readings are included in the table below.

Vapor Monitoring Point	Pressure Measurement (inches of water)
PM-1	-0.004
PM-2	-0.019
PM-3	-0.209
PM-4	-0.162
PM-5	-0.104
PM-6	-0.057
PM-7	-0.015
PM-8	-0.097
PM-9	-0.027
PM-10	-0.107
PM-11	-0.004
PM-12	-0.011

The results of the pressure monitoring indicate that the SSDS is functioning within the design requirements.

Current status: The active SSDS is functioning as designed. The combined on-and off-site SSDS was continually in operation for the entire reporting period. Inspection forms and checklists are included in Appendix 1.

3.1.3 Soil Vapor Extraction (SVE) System

The SVE system consists of one two-inch SVE well installed to remove remaining tetrachloroethene (PCE) contamination from within the source area. The SVE system also addresses PCE in soil vapor and prevents off-Site migration of soil vapors in conjunction with the off-site SSDS. The two-inch vertical SVE well is constructed of ten feet of slotted (0.020 inch) schedule 40 polyvinyl chloride (PVC) screen. The extraction wells were installed to a depth of ten feet below grade (ft-bg) and placed in a two-foot diameter gravel base. The extraction well is plumbed into the same piping installed for the SSDS. The discharge location for the blower is located on the building roof, consistent with the NYSDEC Division of Air Resource (DAR)-1 guidance. The SVE system will continue to actively operate and will not be shut down unless written approval is obtained from the NYSDEC under a clear demonstration that the subsurface soil vapor conditions no longer present a potential impact to indoor air quality.

Current status: The SVE system is functioning as designed. The SVE system was continually operating for the entire reporting period. Inspection certification forms and checklists are included in Appendix 1.

3.2 Institutional Controls (ICs)

3.2.1 Compliance with SMP

The following ICs are required to document compliance with the SMP:

- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner defined in the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP; and
- Operation, maintenance and monitoring (OM&M), inspection and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;

Current status: The Environmental Easement remains in place. All systems are effective and currently operational. ICs requiring quarterly monitoring of groundwater, OM&M of engineering controls, and inspections of the engineering controls have been completed with the acceptance of this report. The required monitoring and inspections have been completed as required in the SMP.

3.2.2 Use Restrictions

The following use restrictions were placed on the property, in accordance with the Environmental Easement and SMP:

- The property may only be used for commercial use;
- New York City code prohibits the use of groundwater for potable purposes;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- The potential for vapor intrusion must be evaluated for any buildings developed in within the IC boundaries, and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the Site are prohibited.

Current status: The Site is used in accordance with all restrictions. Current site uses are shown on Figure 2.

4.0 GROUNDWATER SAMPLING

In June 2022, September 2022 and December 2022, quarterly groundwater sampling was completed at the Site in accordance with the SMP. The methodology and findings from the quarterly groundwater sampling events are included below.

4.1 Groundwater Sampling

4.1.1 Methodology

Three groundwater monitoring wells (JS-GW-1, JS-GW-3S, and JS-GW-7) were sampled in accordance with the SMP. Samples were collected for analysis for volatile organic compounds (VOCs) in accordance with the Quality Assurance Project Plan (QAPP) included in the SMP. Groundwater monitoring was conducted on the following dates: June 21, 2022; September 21, 2022; and December 8, 2022. The monitoring well locations are shown on Figure 3.

As required by the SMP, the following procedure was implemented during each sampling event:

- Depth-to-water measurements were obtained from each well prior to sample collection.
- Monitoring wells were gauged for the presence of dense non-aqueous phase liquid (DNAPL).
- Low-flow sampling techniques were implemented for sample collection using a dedicated bladder and tubing for each monitoring well. The pump was decontaminated between samples.
- Field instrumentation was employed to measure water temperature, pH, and turbidity at each sampled well.
- Monitoring of indicator parameters was employed in order to stabilize parameters before sample collection.
- The equivalent of three well volumes of water was removed from each well prior to sampling.
- All groundwater samples were placed in 40-milliliter vials provided by the laboratory. All sample containers were appropriately labeled and closed with no trapped air.
- Chain-of-custody documents were completed before shipment. The samples were placed in ice and secured in a cooler during shipment to the laboratory.
- All groundwater samples were analyzed at Alpha Analytical, Inc. (Alpha) of Westborough, Massachusetts for VOCs by United States Environmental Protection Agency (EPA) Method 8260C. Alpha is certified by the NYSDOH Environmental Laboratory Approval Program (ELAP) as LAB ID #11148.

Groundwater results were compared to the Division of Water Technical and Operations Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations – Class GA (Class GA Standards). The Class GA Standards represent levels that are protective of the groundwater as a source of drinking water; however, groundwater is not utilized as potable water at the Site. Potable water for the Site is supplied to the City of New York from upstate New York reservoirs. Specifics regarding sampling protocol can be found in the SMP.

A summary of groundwater analytical results is included on Figure 5. The concentrations of VOCs in groundwater from the sampling events are included in Table 1 through Table 3. Laboratory deliverables and data usability summary reports (DUSRs) for each sampling event are included in Appendix 3.

4.1.2 Findings

June 2022 Sampling Event

Groundwater samples were collected from monitoring wells JS-GW-1, JS-GW-3S and JS-GW-7 for analysis of VOCs. Quality assurance/quality control samples were collected in accordance with the QAPP.

Headspace readings were recorded with a photoionization detector (PID) and were non-detect in the three monitoring wells.

One cVOC, PCE, was detected in samples JS-GW-1 at a concentration of 150 micrograms per liter (ug/L) and JS-GW-1 DUP at a concentration of 140 ug/L, in exceedance of the Class GA Standard of 5 ug/L. JS-GW-1 is located near the dry cleaning unit within the Site.

The detected PCE concentration in post-remedial groundwater monitoring well JS-GW-1 has increased from the previous round of post-remedial groundwater monitoring conducted in March 2022; however, the detected PCE concentration is still lower than the previously detected concentrations in the remedial investigation. The concentration of PCE in post-remedial groundwater monitoring wells JS-GW-3S and JS-GW-7 continue to be below the Class GA Standard.

Additionally, petroleum-related compounds were detected in samples JS-GW-1 and JS-GW-1 DUP in exceedance of the Class GA Standards, including the following: p/m-xylene [max: 10 ug/L, above the Class GA Standard of 5 ug/L], o-xylene [max: 36 ug/L, above the Class GA Standard of 5 ug/L], 1,3,5-trimethylbenzene [max: 11 ug/L, above the Class GA Standard of 5 ug/L], 1,2,4-trimethylbenzene [max: 29 ug/L, above the Class GA Standard of 5 ug/L], 1,2,4,5-tetramethylbenzene [max: 6.9 ug/L, above the Class GA Standard of 5 ug/L], and naphthalene [max: 16 ug/L, above the Class GA Standard of 10 ug/L].

No other VOCs were detected in exceedance of the Class GA Standards.

September 2022 Sampling Event

Groundwater samples were collected from monitoring wells JS-GW-1, JS-GW-3S and JS-GW-7 for analysis of VOCs. Quality assurance/quality control samples were collected in accordance with the QAPP.

Headspace readings were recorded with a PID and were non-detect in the three monitoring wells.

One cVOC, PCE, was detected in samples JS-GW-1 at a concentration of 16 ug/L and JS-GW-1 DUP at a concentration of 23 ug/L, in exceedance of the Class GA Standard of 5 ug/L. JS-GW-1 is located near the dry cleaning unit within the Site.

The detected PCE concentration in post-remedial groundwater monitoring well JS-GW-1 has decreased from the previous round of post-remedial groundwater sampling conducted in June 2022 and continues to be detected lower than the previously detected concentrations in the remedial investigation. The concentration of PCE in post-remedial groundwater monitoring wells JS-GW-3S and JS-GW-7 continue to be below the Class GA Standard.

Additionally, petroleum-related compounds were detected in samples JS-GW-1 and/or JS-GW-1 DUP in exceedance of the Class GA Standards, including the following: o-xylene [max: 11 ug/L, above the Class GA Standard of 5 ug/L] and 1,2,4-trimethylbenzene [concentration: 8.8 ug/L, above the Class GA Standard of 5 ug/L]. It should be noted that while 1,2,4-trimethylbenzene was detected slightly in exceedance of the Class GA Standard in JW-GW-1, the analyte was detected below the Class GA Standard in the duplicate sample, JS-GW-1 DUP.

No other VOCs were detected in exceedance of the Class GA Standards.

December 2022 Sampling Event

Groundwater samples were collected from monitoring wells JS-GW-1, JS-GW-3S and JS-GW-7 for analysis of VOCs. Quality assurance/quality control samples were collected in accordance with the QAPP.

Headspace readings were recorded with a PID and were detected non-detect in the three monitoring wells.

One cVOC, PCE, was detected in samples JS-GW-1 at a concentration of 620 ug/L and JS-GW-1 DUP at a concentration of 550 ug/L, in exceedance of the Class GA Standard of 5 ug/L. JS-GW-1 is located near the dry cleaning unit within the Site.

The detected PCE concentration in post-remedial groundwater monitoring well JS-GW-1 has increased from the previous round of post-remedial groundwater monitoring conducted in September 2022; however, the detected PCE concentration is still lower than the previously detected concentrations in the remedial investigation. The concentration of PCE in post-remedial groundwater monitoring wells JS-GW-3S and JS-GW-7 continue to be below the Class GA Standard.

Additionally, one petroleum-related compound, o-xylene, was detected in sample JS-GW-1 in exceedance of the Class GA Standard of 5 ug/L. o-Xylene was detected at a concentration of 5.3 ug/L in JS-GW-1. It should be noted that while o-xylene was detected slightly in exceedance of

the Class GA Standard in JW-GW-1, the analyte was detected below the Class GA Standard in the duplicate sample, JS-GW-1 DUP.

No other VOCs were detected in exceedance of the Class GA Standards.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Engineering and Institutional Controls

An Institutional and Engineering Controls Certification Form and inspection checklists are included in Appendix 1.

Based on sampling results detailed in Sections 4, residual PCE contamination continues to be present in groundwater at decreasing concentrations. The cover system, SSDS and SVE system are functioning as designed.

The cover system remains in place with no observed breaches or excavation below the cap. The active SSDS and SVE system are in working condition with no observations of compromised structural integrity.

5.2 Groundwater Monitoring

The most recent validated groundwater sampling results indicate that residual PCE contamination associated with historic operations continues to be present in the groundwater at decreasing concentrations. PCE concentrations have generally decreased in monitoring well JS-GW-1, located near the dry cleaning unit within the Site, throughout the three sampling events compared to the concentrations detected in the Remedial Investigation; however, PCE concentrations in the most recent post-remedial groundwater sampling event conducted in December 2022 [max: 620 ug/L in JS-GW-1] did rebound from the previous round of post-remedial groundwater sampling conducted in September 2022 [max: 16 ug/L in sample JS-GW-1]. PCE, as well as other cVOCs, were primarily non-detect or present at concentrations below the Class GA Standards in the remaining monitoring wells JS-GW-3S and JS-GW-7.

As of the most recent round of post-remedial groundwater sampling conducted in December 2022, one petroleum-related compound, o-xylene, is present in monitoring well JS-GW-1 in exceedance of its Class GA Standard. Petroleum-related compounds were not detected in monitoring wells JS-GW-3S and JS-GW-7 in exceedance of Class GA Standards during any post-remedial groundwater sampling events conducted during this reporting period. The groundwater sampling results indicate concentrations of petroleum-related compound have steadily decreased over time with each successive post-remedial groundwater sampling event.

5.3 Schedule

Groundwater sampling will continue to be completed on a quarterly basis. ICs and ECs, including the cover system, SSDS and SVE system, will continue to be inspected on a quarterly and an annual basis, and as needed as required by the SMP.

6.0 CERTIFICATIONS

I, Matthew Carroll, am a Professional Engineer licensed in the State of New York. I certify that:

1. The discussion and interpretation of the groundwater sample analysis results are based on all sampling data collected to-date.
2. The engineering and institutional controls are either unchanged or are compliant with NYSDEC-approved modifications.
3. NYSDEC can access the property.
4. The engineering and institutional controls continue to be protective of human health and the environment and do not constitute a violation or failure to comply with the SMP and subsequent NYSDEC-approved modifications.

_____
Matthew M. Carroll
NYS PE License Number 091629

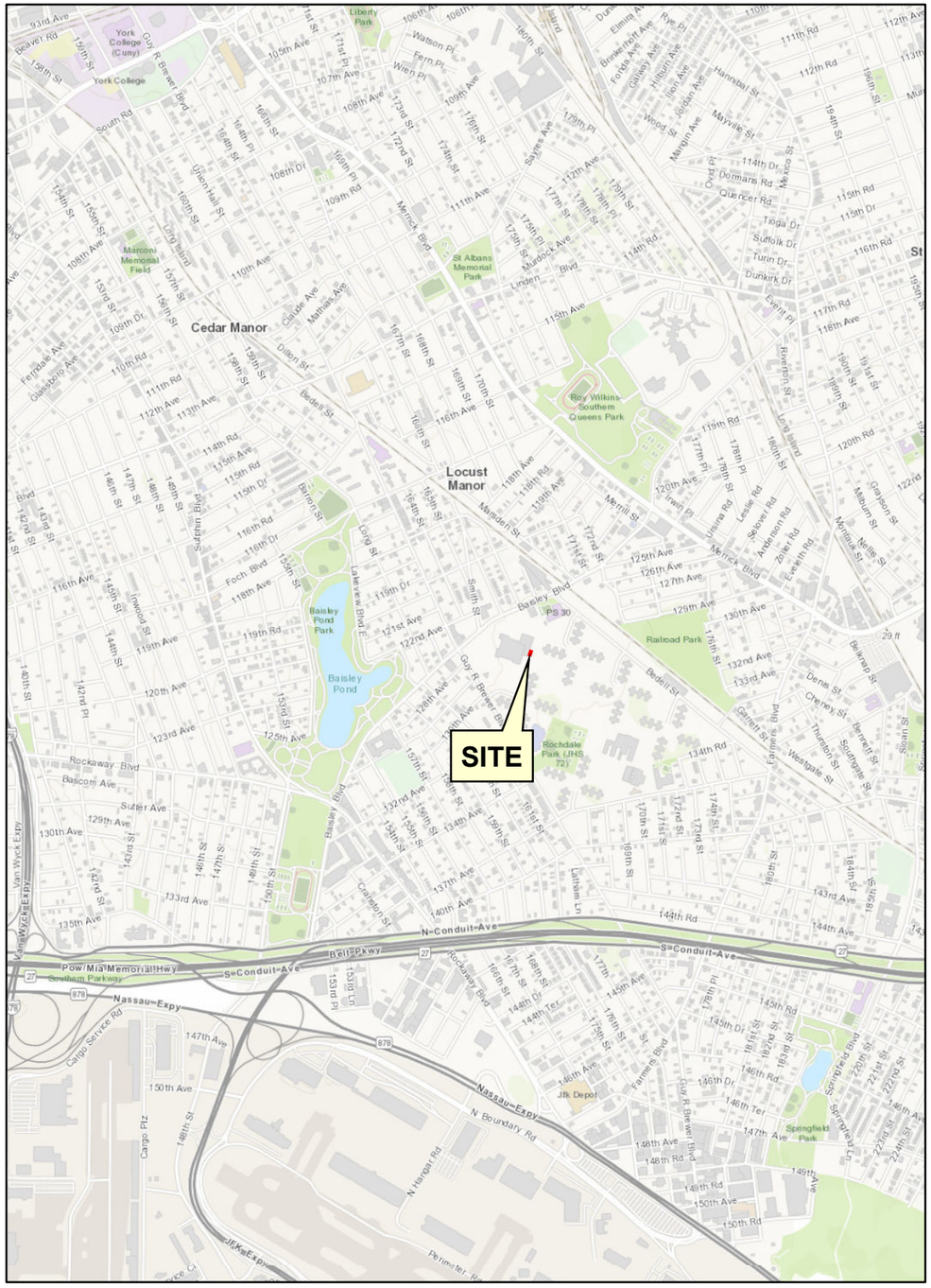
7.0 REFERENCES

Site Management Plan, NYSDEC BCP Site No. C241165, Tenen Environmental LLC, December 2019.

Environmental Easement, Rochdale Village, Inc., August 11, 2016.

Final Engineering Report, NYSDEC BCP Site No. C241165, Tenen Environmental LLC, December 2019.

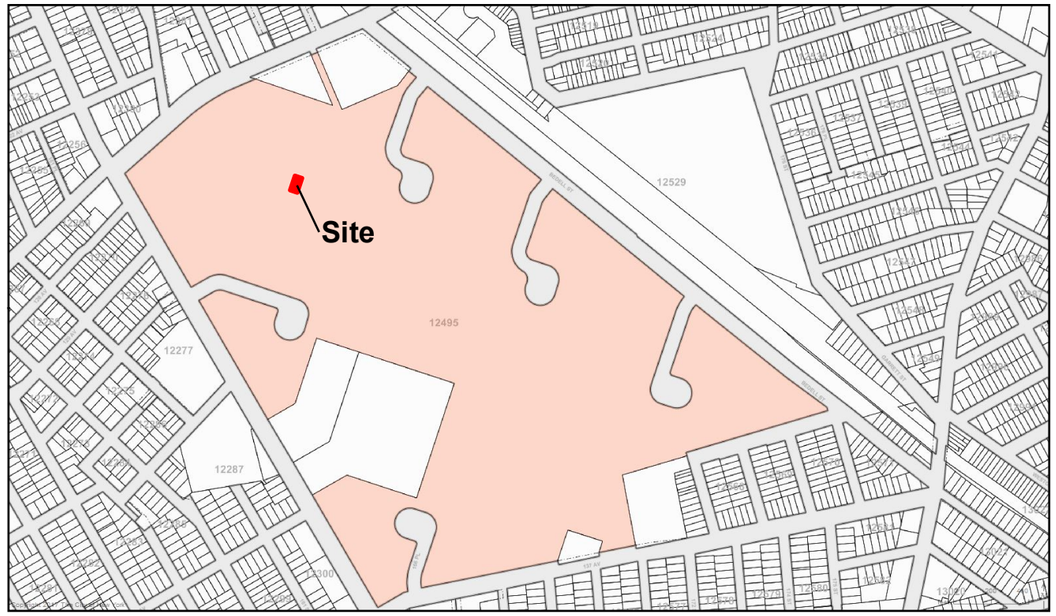
Figures



Basemap: ESRI, World Topo Map
USGS Jamaica, NY Quandrangle

Site Location

0 1,000 2,000 4,000 Feet



http://gis.nyc.gov/taxmap/map.htm

Department of Finance Digital Tax Map

0 400 800 1,600 Feet

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
NYC Department of City Planning, Information Technology Division

Department of City Planning MapPLUTO - 2016 v2

0 400 800 1,600 Feet

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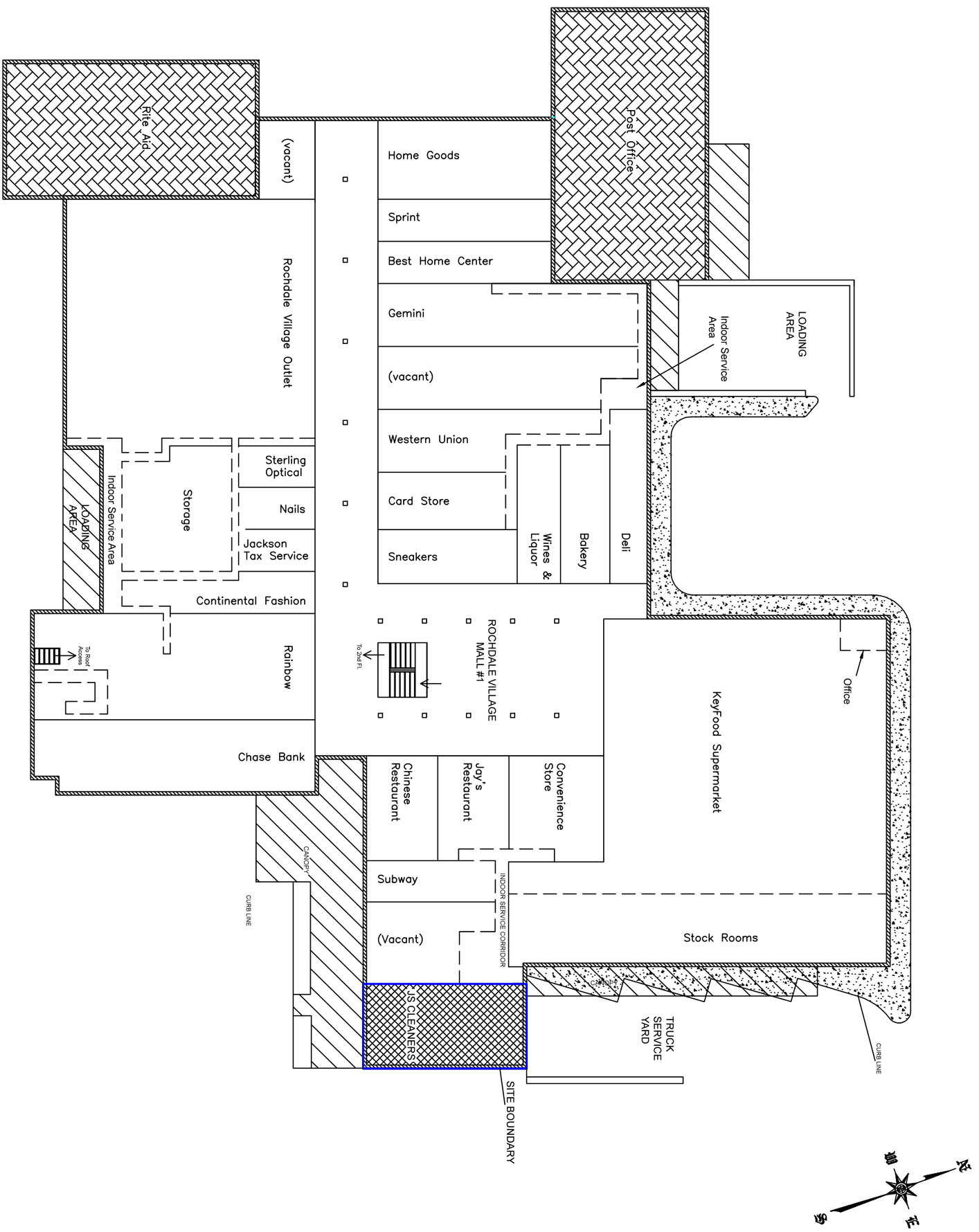
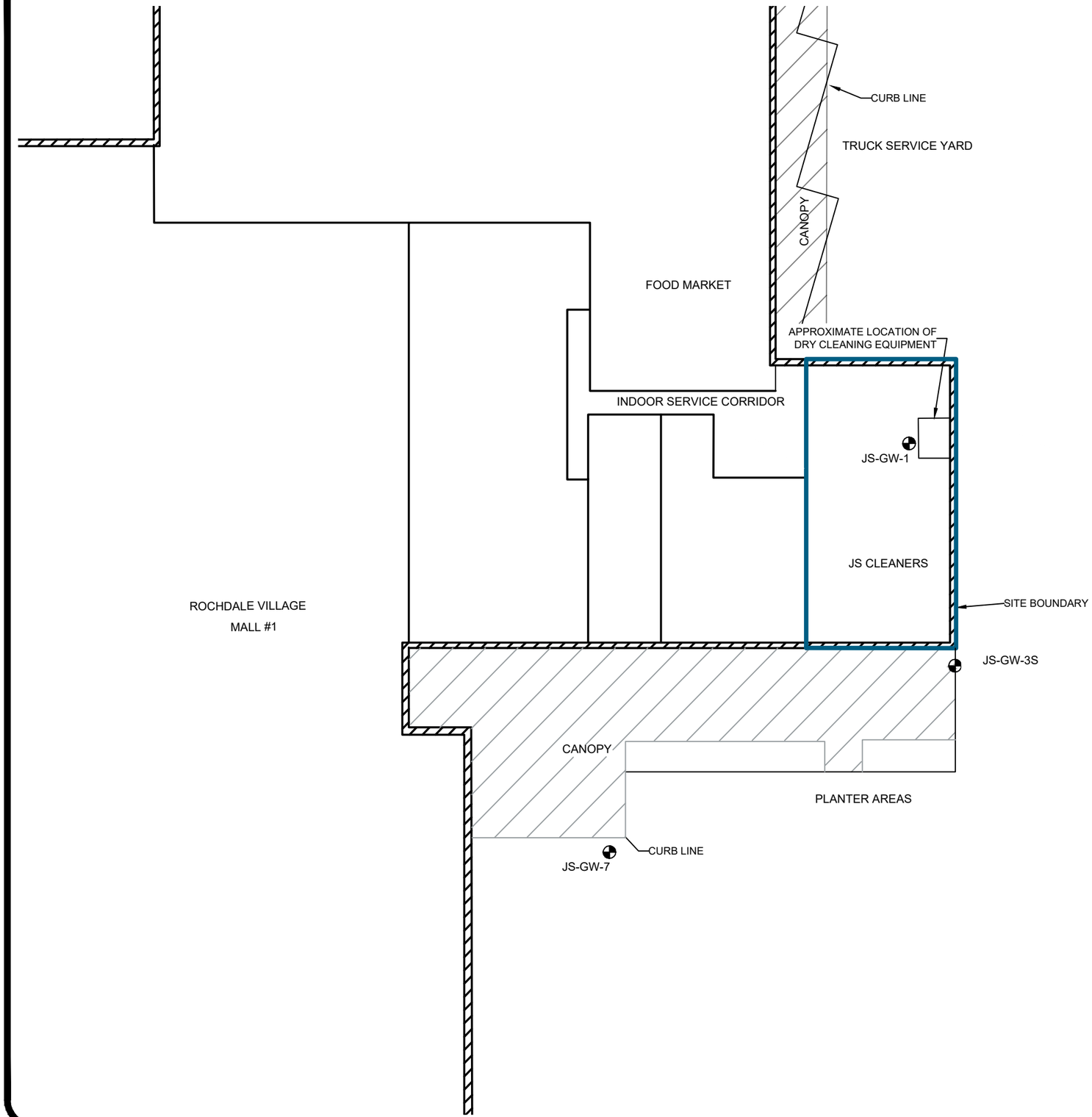
Drawn By	Checked By	Date	Scale
LM	KM	November 2017	As Noted

Drawing Title: **Site Location Map**

Drawing No: **Figure 1**



DRAWING TITLE. FIGURE 2	DRAWN BY KM	CONSULTANT TENEN ENVIRONMENTAL TENEN ENVIRONMENTAL, LLC 121 West 27th Street Suite 702 New York, NY 10001 O: 646-606-2332 F: 646-606-2379	CLIENT JS Cleaners Rochdale Village BCP # C241165 165-50 Baisley Boulevard Jamaica, Queens
DRAWING NO. SITE LAYOUT	CHECKED BY MC		
	DATE MARCH 2016		
	SCALE: AS NOTED		



Legend

Post Remedial Groundwater Monitoring Well Location

0 15' 30' 60'

Drawing Scale

SITE

JS Cleaners
Rochdale Village
165-50 Baisley Boulevard
Jamaica, Queens

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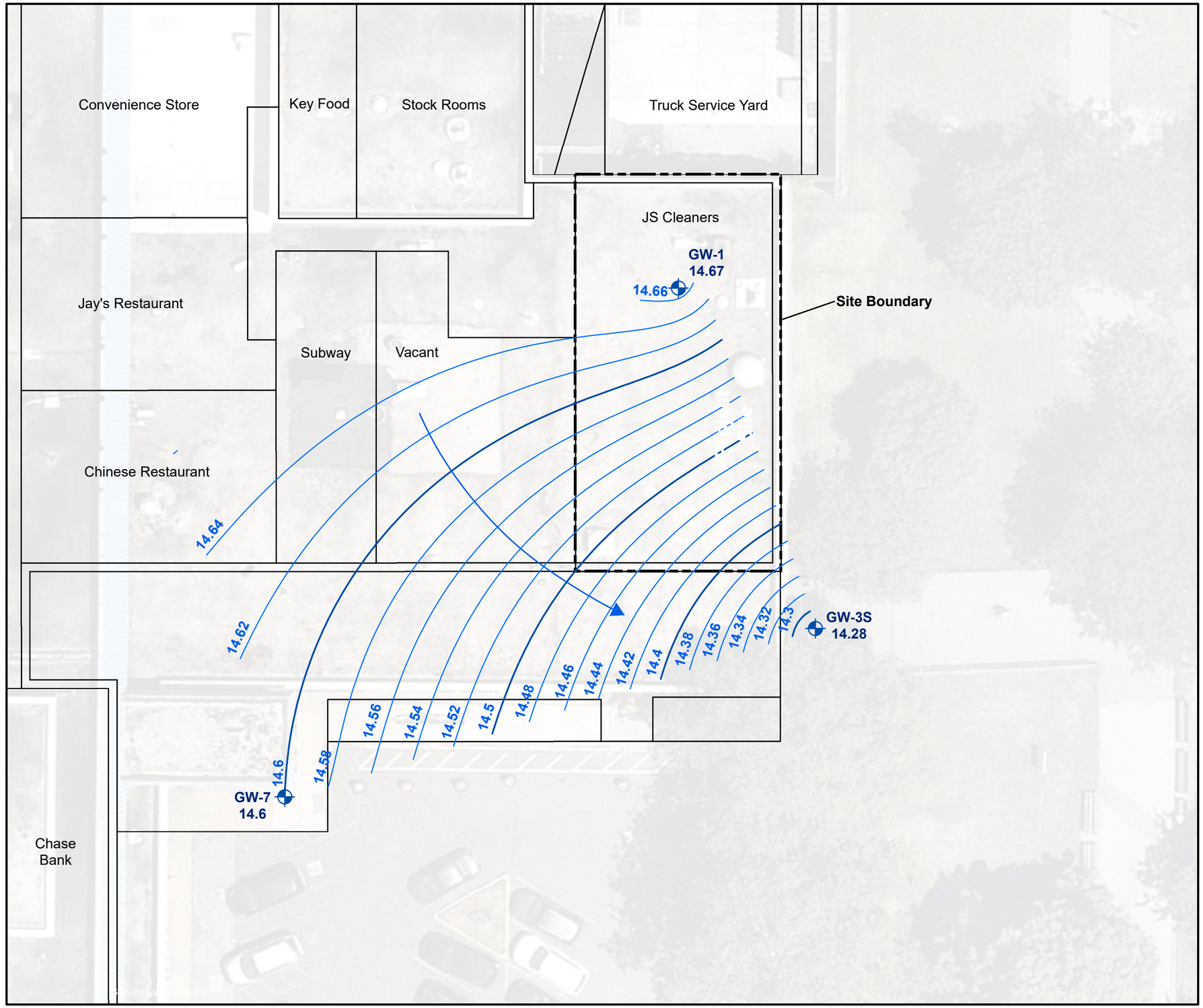
DRAWN BY	CHECKED BY	DATE	SCALE:
LM	KM	September 2018	As Noted

DRAWING TITLE: Post-Remedial Groundwater Monitoring Wells

DRAWING NO. Figure 3



Legend

- Monitoring Well Location
- Groundwater Elevation Contour
- Groundwater Elevation Contour
- JS Cleaners

Feet
0 10 20 40

JS Cleaners
Rochdale Village
165-50 Baisley Boulevard
Jamaica, Queens

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Drawn By	Checked By	Date	Scale
LM	CZ	August 2022	As Noted

Drawing Title: **Groundwater Flow map**

Drawing No: **Figure 4**

Sample ID	JS-GW-1					
Date	6/21/2022	6/21/2022 (DUP)	9/21/2022	9/21/2022 (DUP)	12/8/2022	12/8/2022 (DUP)
VOCs	µg/L					
1,2,4,5-Tetramethylbenzene	**5.1**	**6.9**	3	1.2 J	ND	ND
1,2,4-Trimethylbenzene	**19**	**29**	**8.8**	4	4.1 J	3.5 J
1,3,5-Trimethylbenzene	**7.1**	**11**	3.4	1.5 J	ND	ND
Naphthalene	**12**	**16**	5.6	3	ND	ND
o-Xylene	**25**	**36**	**11**	**5.1**	**5.3 J**	4.4 J
p/m-Xylene	**6.8**	**10**	3.5	1.7 J	ND	ND
Tetrachloroethene	**150**	**140**	**16**	**23**	**620**	**550**

Sample ID	JS-GW-7		
Date	6/21/2022	9/21/2022	12/8/2022
VOCs	µg/L		
1,2,4,5-Tetramethylbenzene	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND
Naphthalene	ND	ND	ND
o-Xylene	ND	ND	ND
p/m-Xylene	ND	ND	ND
Tetrachloroethene	0.74	0.94	0.96

Sample ID	JS-GW-3S		
Date	6/21/2022	9/21/2022	12/8/2022
VOCs	µg/L		
1,2,4,5-Tetramethylbenzene	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND
Naphthalene	ND	ND	ND
o-Xylene	ND	ND	ND
p/m-Xylene	ND	ND	ND
Tetrachloroethene	ND	ND	ND

Analyte	NY-AWQS
VOCs	µg/L
1,2,4,5-Tetramethylbenzen	5
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene	5
Naphthalene	10
o-Xylene	5
p/m-Xylene	5
Tetrachloroethene	5

Notes:

1. **Bold and shaded yellow value indicates concentration exceeds NY-AWQS**
2. NY-AWQS = NYSDEC Division of Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS)
3. ND = Not detected
4. J = Estimated value
5. DUP = Duplicate

Legend

- Monitoring Well Location
- JS Cleaners

0 10 20 40 Feet

GW-1
GW-3S
GW-7
Site Boundary
Jay's Restaurant
Subway
Vacant
JS Cleaners
Chinese Restaurant
Chase Bank
Direct Site

7/19/2022 Nearmap Aerial

Client

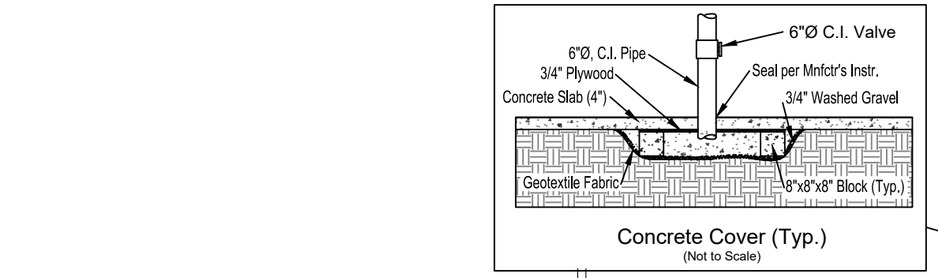
JS Cleaners
Rochdale Village
165-50 Baisley Boulevard
Jamaica, Queens

TENEN ENVIRONMENTAL
Tenen Environmental, LLC
121 West 27th Street
Suite 702
New York, NY 10001
O: (646) 606-2332
F: (646) 606-2379

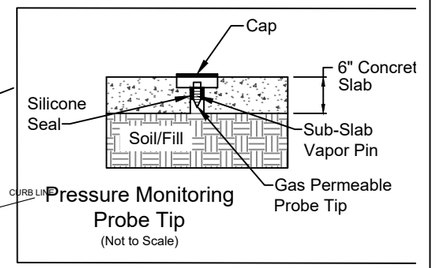
Drawn By	Checked By	Date	Scale
LM	AP	May 2023	As Noted

Drawing Title: **Contaminant Distribution in Groundwater**

Drawing No: **Figure 5**

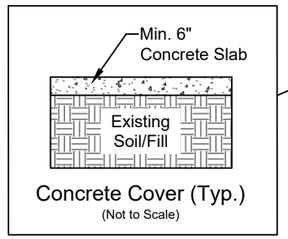


Concrete Cover (Typ.)
(Not to Scale)

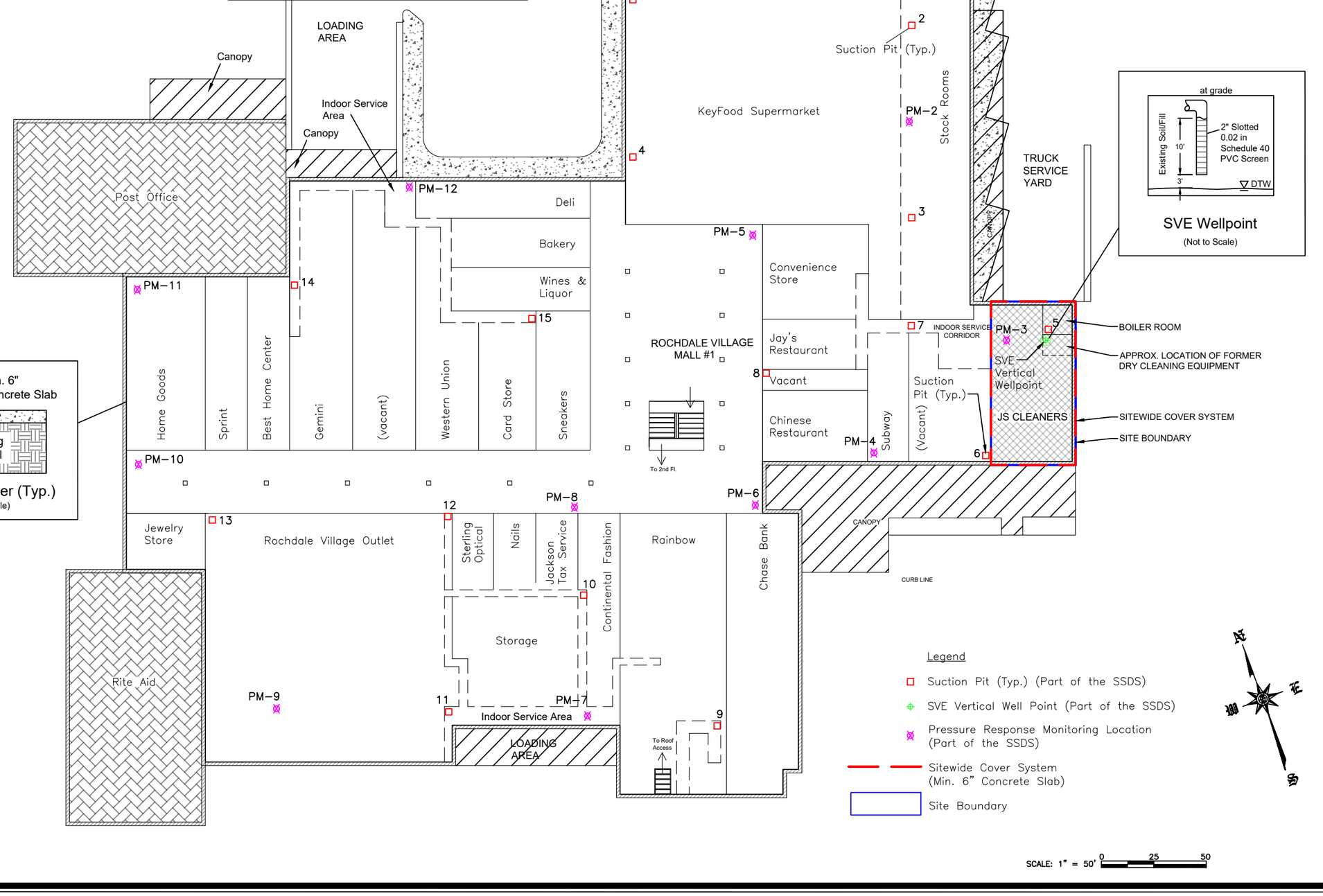


Pressure Monitoring Probe Tip
(Not to Scale)

SVE Wellpoint
(Not to Scale)



Concrete Cover (Typ.)
(Not to Scale)



Legend

- Suction Pit (Typ.) (Part of the SSDS)
- SVE Vertical Well Point (Part of the SSDS)
- Pressure Response Monitoring Location (Part of the SSDS)
- Sitewide Cover System (Min. 6" Concrete Slab)
- Site Boundary

SCALE: 1" = 50' 0 25 50

CLIENT
JS Cleaners
Rochdale Village
BCP # C241165
165-50 Baisley Boulevard
Jamaica, Queens

CONSULTANT
TENEN ENVIRONMENTAL
TENEN ENVIRONMENTAL, LLC
121 West 27th Street
Suite 702
New York, NY 10001
O: 646-606-2332
F: 646-606-2379

DRAWN BY	CHECKED BY	DATE	SCALE:
LM	KM	November 2019	As Noted

DRAWING TITLE: Engineering Controls

DRAWING NO.: Figure 6

Tables

Table 1. Volatile Organic Compounds in Groundwater - June 2022
JS Rochdale Cleaners - Jamaica, NY
BCP Site No. C241165

CLIENT SAMPLE ID	NY-AWQS	Units	JS-GW-7_20220621		JS-GW-3S_20220621		JS-GW-1_20220621		JS-GW-1-DUP_20220621		TRIP BLANK
SAMPLING DATE			6/21/2022		6/21/2022		6/21/2022		6/21/2022		6/21/2022
LAB SAMPLE ID			L2233040-01		L2233040-02		L2233040-03		L2233040-04		L2233040-05
				Qual		Qual		Qual		Qual	Qual
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	5	ug/l	ND		ND		ND		ND		ND
1,1,1-Trichloroethane	5	ug/l	ND		ND		ND		ND		ND
1,1,2,2-Tetrachloroethane	5	ug/l	ND		ND		ND		ND		ND
1,1,2-Trichloroethane	1	ug/l	ND		ND		ND		ND		ND
1,1-Dichloroethane	5	ug/l	ND		ND		ND		ND		ND
1,1-Dichloroethene	5	ug/l	ND		ND		ND		ND		ND
1,1-Dichloropropene	5	ug/l	ND		ND		ND		ND		ND
1,2,3-Trichlorobenzene	5	ug/l	ND		ND		ND		ND		ND
1,2,3-Trichloropropane	0.04	ug/l	ND		ND		ND		ND		ND
1,2,4,5-Tetramethylbenzene	5	ug/l	ND		ND		**5.1**		**6.9**		ND
1,2,4-Trichlorobenzene	5	ug/l	ND		ND		ND		ND		ND
1,2,4-Trimethylbenzene	5	ug/l	ND		ND		**19**		**29**		ND
1,2-Dibromo-3-chloropropane	0.04	ug/l	ND		ND		ND		ND		ND
1,2-Dibromoethane	0.0006	ug/l	ND		ND		ND		ND		ND
1,2-Dichlorobenzene	3	ug/l	ND		ND		ND		ND		ND
1,2-Dichloroethane	0.6	ug/l	ND		ND		ND		ND		ND
1,2-Dichloroethene, Total	NS	ug/l	ND		ND		ND		ND		ND
1,2-Dichloropropane	1	ug/l	ND		ND		ND		ND		ND
1,3,5-Trimethylbenzene	5	ug/l	ND		ND		**7.1**		**11**		ND
1,3-Dichlorobenzene	3	ug/l	ND		ND		ND		ND		ND
1,3-Dichloropropane	5	ug/l	ND		ND		ND		ND		ND
1,3-Dichloropropene, Total	NS	ug/l	ND		ND		ND		ND		ND
1,4-Dichlorobenzene	3	ug/l	ND		ND		ND		ND		ND
1,4-Dioxane	NS	ug/l	ND		ND		ND		ND		ND
2,2-Dichloropropane	5	ug/l	ND		ND		ND		ND		ND
2-Butanone	50	ug/l	ND		ND		ND		ND		ND
2-Hexanone	50	ug/l	ND		ND		ND		ND		ND
4-Methyl-2-pentanone	NS	ug/l	ND		ND		ND		ND		ND
Acetone	50	ug/l	ND		ND		ND		ND		ND
Acrylonitrile	5	ug/l	ND		ND		ND		ND		ND
Benzene	1	ug/l	ND		ND		ND		ND		ND
Bromobenzene	5	ug/l	ND		ND		ND		ND		ND
Bromochloromethane	5	ug/l	ND		ND		ND		ND		ND
Bromodichloromethane	50	ug/l	ND		ND		ND		ND		ND
Bromoform	50	ug/l	ND		ND		ND		ND		ND
Bromomethane	5	ug/l	ND		ND		ND		ND		ND
Carbon disulfide	60	ug/l	ND		ND		ND		ND		ND
Carbon tetrachloride	5	ug/l	ND		ND		ND		ND		ND
Chlorobenzene	5	ug/l	ND		ND		ND		ND		ND
Chloroethane	5	ug/l	ND		ND		ND		ND		ND
Chloroform	7	ug/l	ND		ND		ND		ND		ND
Chloromethane	NS	ug/l	ND		ND		ND		ND		ND
cis-1,2-Dichloroethene	5	ug/l	ND		ND		ND		ND		ND
cis-1,3-Dichloropropene	0.4	ug/l	ND		ND		ND		ND		ND
Dibromochloromethane	50	ug/l	ND		ND		ND		ND		ND
Dibromomethane	5	ug/l	ND		ND		ND		ND		ND
Dichlorodifluoromethane	5	ug/l	ND		ND		ND		ND		ND
Ethyl ether	NS	ug/l	ND		ND		ND		ND		ND
Ethylbenzene	5	ug/l	ND		ND		ND		ND		ND
Hexachlorobutadiene	0.5	ug/l	ND		ND		ND		ND		ND
Isopropylbenzene	5	ug/l	ND		ND		2.3	J	3.4		ND
Methyl tert butyl ether	10	ug/l	ND		ND		ND		ND		ND
Methylene chloride	5	ug/l	ND		ND		ND		ND		ND
n-Butylbenzene	5	ug/l	ND		ND		1.4	J	1.8	J	ND
n-Propylbenzene	5	ug/l	ND		ND		ND		ND		ND
Naphthalene	10	ug/l	ND		ND		**12**		**16**		ND
o-Chlorotoluene	5	ug/l	ND		ND		ND		ND		ND
o-Xylene	5	ug/l	ND		ND		**25**		**36**		ND
p-Chlorotoluene	5	ug/l	ND		ND		ND		ND		ND
p-Diethylbenzene	NS	ug/l	ND		ND		ND		ND		ND
p-Ethyltoluene	NS	ug/l	ND		ND		11		17		ND
p-Isopropyltoluene	5	ug/l	ND		ND		ND		ND		ND
p/m-Xylene	5	ug/l	ND		ND		**6.8**		**10**		ND
sec-Butylbenzene	5	ug/l	ND		ND		1.5	J	2	J	ND
Styrene	5	ug/l	ND		ND		ND		ND		ND
tert-Butylbenzene	5	ug/l	ND		ND		ND		ND		ND
Tetrachloroethene	5	ug/l	0.74		ND		**150**		**140**		ND
Toluene	5	ug/l	ND		ND		ND		ND		ND
trans-1,2-Dichloroethene	5	ug/l	ND		ND		ND		ND		ND
trans-1,3-Dichloropropene	0.4	ug/l	ND		ND		ND		ND		ND
trans-1,4-Dichloro-2-butene	5	ug/l	ND		ND		ND		ND		ND
Trichloroethene	5	ug/l	ND		ND		ND		ND		ND
Trichlorofluoromethane	5	ug/l	ND		ND		ND		ND		ND
Vinyl acetate	NS	ug/l	ND		ND		ND		ND		ND
Vinyl chloride	2	ug/l	ND		ND		ND		ND		ND
Xylenes, Total	NS	ug/l	ND		ND		32		46		ND

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-AWQS

NY-AWQS = NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards

J = Estimated value

ND = Not detected

NS = No standard

Table 2. Volatile Organic Compounds in Groundwater - September 2022
JS Rochdale Cleaners - Jamaica, NY
BCP Site No. C241165

CLIENT SAMPLE ID	NY-AWQS	Units	MW-3S		MW-7		MW-1		MW-1_DUP		FIELD BLANK		TRIP BLANK	
SAMPLING DATE			9/21/2022		9/21/2022		9/21/2022		9/21/2022		9/21/2022		9/21/2022	
LAB SAMPLE ID			L2251822-01		L2251822-02		L2251822-03		L2251822-04		L2251822-05		L2251822-06	
				Qual		Qual		Qual		Qual		Qual		Qual
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	5	ug/l	ND		ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	5	ug/l	ND		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	5	ug/l	ND		ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	1	ug/l	ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	5	ug/l	ND		ND		ND		ND		ND		ND	
1,1-Dichloroethene	5	ug/l	ND		ND		ND		ND		ND		ND	
1,1-Dichloropropene	5	ug/l	ND		ND		ND		ND		ND		ND	
1,2,3-Trichlorobenzene	5	ug/l	ND		ND		ND		ND		ND		ND	
1,2,3-Trichloropropane	0.04	ug/l	ND		ND		ND		ND		ND		ND	
1,2,4,5-Tetramethylbenzene	5	ug/l	ND		ND		3		1.2	J	ND		ND	
1,2,4-Trichlorobenzene	5	ug/l	ND		ND		ND		ND		ND		ND	
1,2,4-Trimethylbenzene	5	ug/l	ND		ND		**8.8**		4		ND		ND	
1,2-Dibromo-3-chloropropane	0.04	ug/l	ND		ND		ND		ND		ND		ND	
1,2-Dibromoethane	0.0006	ug/l	ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	3	ug/l	ND		ND		ND		ND		ND		ND	
1,2-Dichloroethane	0.6	ug/l	ND		ND		ND		ND		ND		ND	
1,2-Dichloroethene, Total	NS	ug/l	ND		ND		ND		ND		ND		ND	
1,2-Dichloropropane	1	ug/l	ND		ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	5	ug/l	ND		ND		3.4		1.5	J	ND		ND	
1,3-Dichlorobenzene	3	ug/l	ND		ND		ND		ND		ND		ND	
1,3-Dichloropropane	5	ug/l	ND		ND		ND		ND		ND		ND	
1,3-Dichloropropene, Total	NS	ug/l	ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	3	ug/l	ND		ND		ND		ND		ND		ND	
1,4-Dioxane	NS	ug/l	ND		ND		ND		ND		ND		ND	
2,2-Dichloropropane	5	ug/l	ND		ND		ND		ND		ND		ND	
2-Butanone	50	ug/l	ND		ND		ND		ND		ND		ND	
2-Hexanone	50	ug/l	ND		ND		ND		ND		ND		ND	
4-Methyl-2-pentanone	NS	ug/l	ND		ND		ND		ND		ND		ND	
Acetone	50	ug/l	ND		ND		ND		ND		ND		ND	
Acrylonitrile	5	ug/l	ND		ND		ND		ND		ND		ND	
Benzene	1	ug/l	ND		ND		ND		ND		ND		ND	
Bromobenzene	5	ug/l	ND		ND		ND		ND		ND		ND	
Bromochloromethane	5	ug/l	ND		ND		ND		ND		ND		ND	
Bromodichloromethane	50	ug/l	ND		ND		ND		ND		ND		ND	
Bromoform	50	ug/l	ND		ND		ND		ND		ND		ND	
Bromomethane	5	ug/l	ND		ND		ND		ND		ND		ND	
Carbon disulfide	60	ug/l	ND		ND		ND		ND		ND		ND	
Carbon tetrachloride	5	ug/l	ND		ND		ND		ND		ND		ND	
Chlorobenzene	5	ug/l	ND		ND		ND		ND		ND		ND	
Chloroethane	5	ug/l	ND		ND		ND		ND		ND		ND	
Chloroform	7	ug/l	ND		ND		ND		ND		ND		ND	
Chloromethane	NS	ug/l	ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	ug/l	ND		ND		ND		ND		ND		ND	
cis-1,3-Dichloropropene	0.4	ug/l	ND		ND		ND		ND		ND		ND	
Dibromochloromethane	50	ug/l	ND		ND		ND		ND		ND		ND	
Dibromomethane	5	ug/l	ND		ND		ND		ND		ND		ND	
Dichlorodifluoromethane	5	ug/l	ND		ND		ND		ND		ND		ND	
Ethyl ether	NS	ug/l	ND		ND		ND		ND		ND		ND	
Ethylbenzene	5	ug/l	ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene	0.5	ug/l	ND		ND		ND		ND		ND		ND	
Isopropylbenzene	5	ug/l	ND		ND		1.2	J	ND		ND		ND	
Methyl tert butyl ether	10	ug/l	ND		ND		ND		ND		ND		ND	
Methylene chloride	5	ug/l	ND		ND		ND		ND		ND		ND	
n-Butylbenzene	5	ug/l	ND		ND		0.71	J	ND		ND		ND	
n-Propylbenzene	5	ug/l	ND		ND		ND		ND		ND		ND	
Naphthalene	10	ug/l	ND		ND		5.6		3		ND		ND	
o-Chlorotoluene	5	ug/l	ND		ND		ND		ND		ND		ND	
o-Xylene	5	ug/l	ND		ND		**11**		**5.1**		ND		ND	
p-Chlorotoluene	5	ug/l	ND		ND		ND		ND		ND		ND	
p-Diethylbenzene	NS	ug/l	ND		ND		ND		ND		ND		ND	
p-Ethyltoluene	NS	ug/l	ND		ND		5.1		2.3		ND		ND	
p-Isopropyltoluene	5	ug/l	ND		ND		ND		ND		ND		ND	
p/m-Xylene	5	ug/l	ND		ND		3.5		1.7	J	ND		ND	
sec-Butylbenzene	5	ug/l	ND		ND		0.96	J	ND		ND		ND	
Styrene	5	ug/l	ND		ND		ND		ND		ND		ND	
tert-Butylbenzene	5	ug/l	ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	ug/l	ND		0.94		**16**		**23**		ND		ND	
Toluene	5	ug/l	ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	5	ug/l	ND		ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	0.4	ug/l	ND		ND		ND		ND		ND		ND	
trans-1,4-Dichloro-2-butene	5	ug/l	ND		ND		ND		ND		ND		ND	
Trichloroethene	5	ug/l	ND		ND		ND		ND		ND		ND	
Trichlorofluoromethane	5	ug/l	ND		ND		ND		ND		ND		ND	
Vinyl acetate	NS	ug/l	ND		ND		ND		ND		ND		ND	
Vinyl chloride	2	ug/l	ND		ND		ND		ND		ND		ND	
Xylenes, Total	NS	ug/l	ND		ND		15		6.8	J	ND		ND	

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-AWQS

NY-AWQS = NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards

J = Estimated value

ND = Not detected

NS = No standard

Table 3. Volatile Organic Compounds in Groundwater - December 2022
JS Rochdale Cleaners - Jamaica, NY
BCP Site No. C241165

CLIENT SAMPLE ID	NY-AWQS	Units	JS-GW-3S	JS-GW-7	JS-GW-1	JS-GW-1-DUP	TRIP BLANK
SAMPLING DATE			12/8/2022	12/8/2022	12/8/2022	12/8/2022	12/7/2022
LAB SAMPLE ID			L2269005-01	L2269005-02	L2269005-03	L2269005-04	L2269005-05
			Qual	Qual	Qual	Qual	Qual
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	5	ug/l	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ug/l	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ug/l	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ug/l	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ug/l	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ug/l	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	ug/l	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ug/l	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ug/l	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	5	ug/l	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ug/l	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ug/l	ND	ND	4.1 J	3.5 J	ND
1,2-Dibromo-3-chloropropane	0.04	ug/l	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.0006	ug/l	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ug/l	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ug/l	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total	NS	ug/l	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ug/l	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ug/l	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ug/l	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ug/l	ND	ND	ND	ND	ND
1,3-Dichloropropene, Total	NS	ug/l	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ug/l	ND	ND	ND	ND	ND
1,4-Dioxane	NS	ug/l	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ug/l	ND	ND	ND	ND	ND
2-Butanone	50	ug/l	ND	ND	ND	ND	ND
2-Hexanone	50	ug/l	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	ug/l	ND	ND	ND	ND	ND
Acetone	50	ug/l	ND	ND	ND	ND	ND
Acrylonitrile	5	ug/l	ND	ND	ND	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND	ND
Bromobenzene	5	ug/l	ND	ND	ND	ND	ND
Bromochloromethane	5	ug/l	ND	ND	ND	ND	ND
Bromodichloromethane	50	ug/l	ND	ND	ND	ND	ND
Bromoform	50	ug/l	ND	ND	ND	ND	ND
Bromomethane	5	ug/l	ND	ND	ND	ND	ND
Carbon disulfide	60	ug/l	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ug/l	ND	ND	ND	ND	ND
Chlorobenzene	5	ug/l	ND	ND	ND	ND	ND
Chloroethane	5	ug/l	ND	ND	ND	ND	ND
Chloroform	7	ug/l	ND	ND	ND	ND	ND
Chloromethane	NS	ug/l	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ug/l	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4	ug/l	ND	ND	ND	ND	ND
Dibromochloromethane	50	ug/l	ND	ND	ND	ND	ND
Dibromomethane	5	ug/l	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ug/l	ND	ND	ND	ND	ND
Ethyl ether	NS	ug/l	ND	ND	ND	ND	ND
Ethylbenzene	5	ug/l	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ug/l	ND	ND	ND	ND	ND
Isopropylbenzene	5	ug/l	ND	ND	ND	ND	ND
Methyl tert butyl ether	10	ug/l	ND	ND	ND	ND	ND
Methylene chloride	5	ug/l	ND	ND	ND	ND	ND
n-Butylbenzene	5	ug/l	ND	ND	ND	ND	ND
n-Propylbenzene	5	ug/l	ND	ND	ND	ND	ND
Naphthalene	10	ug/l	ND	ND	ND	ND	ND
o-Chlorotoluene	5	ug/l	ND	ND	ND	ND	ND
o-Xylene	5	ug/l	ND	ND	**5.3 J**	4.4 J	ND
p-Chlorotoluene	5	ug/l	ND	ND	ND	ND	ND
p-Diethylbenzene	NS	ug/l	ND	ND	ND	ND	ND
p-Ethyltoluene	NS	ug/l	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ug/l	ND	ND	ND	ND	ND
p/m-Xylene	5	ug/l	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ug/l	ND	ND	ND	ND	ND
Styrene	5	ug/l	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ug/l	ND	ND	ND	ND	ND
Tetrachloroethene	5	ug/l	ND	0.96	**620**	**550**	ND
Toluene	5	ug/l	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	ug/l	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ug/l	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene	5	ug/l	ND	ND	ND	ND	ND
Trichloroethene	5	ug/l	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ug/l	ND	ND	ND	ND	ND
Vinyl acetate	NS	ug/l	ND	ND	ND	ND	ND
Vinyl chloride	2	ug/l	ND	ND	ND	ND	ND
Xylenes, Total	NS	ug/l	ND	ND	5.3 J	4.4 J	ND

Notes:

Bold and shaded yellow value indicates concentration exceeds NY-AWQS

NY-AWQS = NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards

J = Estimated value

ND = Not detected

NS = No standard

Appendix 1
IC/EC Certifications and Checklists

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C241165**

Site Name JS Rochdale Cleaners (Rochdale Village Mall #1)

Site Address: 165-50 Baisley Boulevard Zip Code: 11434
City/Town: Queens
County: Queens
Site Acreage: 0.076

Reporting Period: April 20, 2021 to April 20, 2023

	YES	NO
1. Is the information above correct?	☑	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☑
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☑
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☑	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☑	☐
7. Are all ICs in place and functioning as designed?	☑	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☑

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☑	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C241165

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
12495-2	Rochdale Village, Inc.	Ground Water Use Restriction Soil Management Plan Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

The ICs are:
- The property may be used for commercial use;
- All ECs must be operated and maintained as specified in this SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP.
- New York City code prohibits the use of groundwater for potable purposes.
- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
- Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2, and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the site are prohibited.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
12495-2	Groundwater Treatment System Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction

The ECs are:
• a cover system placed over the site, comprised of a minimum of 6 inches of concrete building slab;
• an active SSDS at the Site and off-site commercial spaces within Rochdale Village Mall #1 to depressurize below the current building slab as compared to the building environment;
• a SVE system, comprised of one extraction well in the area with remaining PCE contamination, to remove PCE from the remaining soil contamination; the system will also address PCE in soil vapor and prevent off-Site migration of soil vapors in coordination with the off-site active SSDS; and
• an additional round of treatment using ISCO, if necessary, to address residual VOCs in groundwater and soil following review of the groundwater quality.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☑	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☑	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C241165

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jay Williams (print name) at 169-65 137th AVENUE, JAMAICA, NY (print business address),

am certifying as General Manager (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

6/7/23
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Matthew M. Carroll (print name) at 121 W 27th St, 702, NY, NY 10001 (print business address),

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		06/09/2023

JS Cleaners
Site Management - Monthly Inspection Checklist

Engineering Controls	Condition	No	Yes	Deficiencies (if any):
Sub-slab Depressurization System (SSDS)	Has piping been inspected to confirm operation of appropriate valves		✓	
Soil Vapor Extraction (SVE) System	Has piping been inspected to confirm operation of appropriate valves		✓	
SVE and SSDS	Have alarms been tested to ensure proper operation?		✓	

Comments/Notes:

Name of inspector: Matthew Carroll, PE

Signature of inspector: 

Date of inspection: March 17, 2022

Appendix 2

Environmental Easement

GRID NORTH-NYSPCS- NAD 83
LONG ISLAND ZONE

METES AND BOUNDS DESCRIPTION

ALL THAT CERTAIN PLOT, PIECE, OR PARCEL OF LAND SITUATE, LYING AND BEING IN THE BOROUGH OF QUEENS, CITY AND STATE OF NEW YORK; BEING MORE PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEASTERLY CORNER OF THE BUILDING LOCATED AT 165-50 BAISLEY AVENUE; RUNNING THENCE THE FOLLOWING COURSES AND DISTANCES:

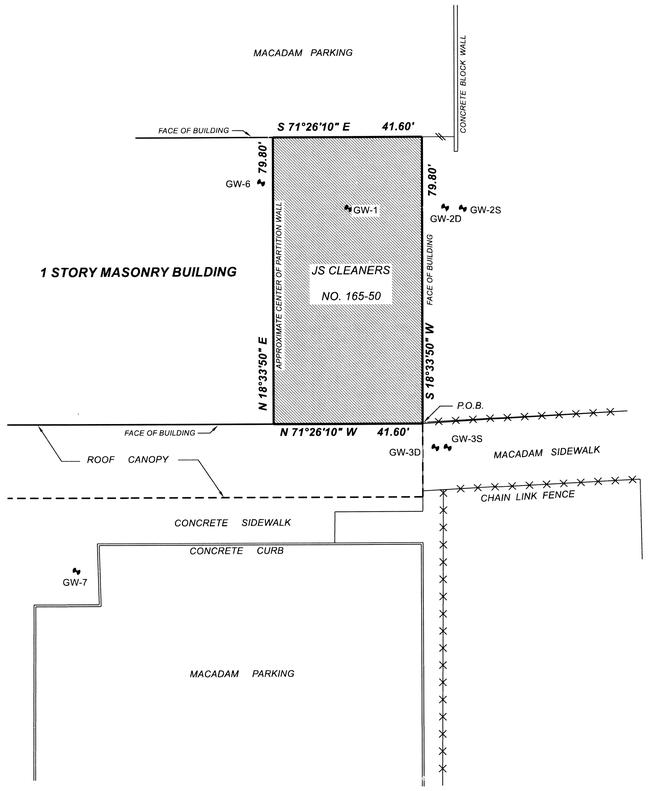
1.) ALONG THE SOUTHERLY FACE OF THE BUILDING LOCATED AT 165-50 BAISLEY BOULEVARD, NORTH 71°- 26'- 10" WEST, A DISTANCE OF 41.60 FEET; THENCE

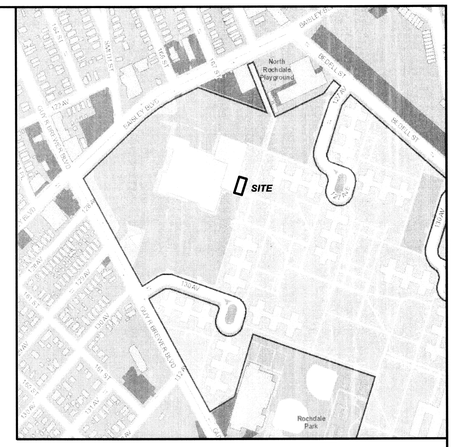
2.) THROUGH THE APPROXIMATE CENTER OF THE PARTITION WALL BETWEEN 165-50 BAISLEY BOULEVARD AND THE UNIT TO THE WEST; NORTH 18°- 33'- 50" EAST, A DISTANCE OF 79.80 FEET; THENCE

3.) ALONG THE NORTHERLY FACE OF THE BUILDING, SOUTH 71°-26'- 10" EAST, A DISTANCE OF 41.60 FEET TO THE NORTHEASTERLY CORNER OF THE BUILDING; THENCE

4.) ALONG THE EASTERLY FACE OF THE BUILDING, SOUTH 18°-33'- 50" WEST, A DISTANCE OF 79.80 FEET TO THE PLACE OR POINT OF BEGINNING.

CONTAINING 3,320 SQUARE FEET OR 0.0762 ACRE OF LAND, MORE OR LESS.





KEY MAP

WELL ELEVATION TABLE

	ELEVATIONS	
WELL I.D.	TOP OF CASING	TOP OF PVC
GW-1	22.39	22.25
GW-2D	22.19	21.87
GW-2S	22.03	21.77
GW-3D	22.34	22.06
GW-3S	22.18	21.82
GW-6	22.35	22.08
GW-7	22.32	22.00

LEGEND	
↷	MONITORING WELL

NOTES:

-DATES OF FIELD SURVEY: DECEMBER 4, 2015 AND JULY 15, 2016

-GW-6 SURVEYED DECEMBER 30, 2016

-HORIZONTAL DATUM: NAD 83- LONG ISLAND ZONE- FROM GPS OBSERVATIONS

-VERTICAL DATUM: NAVD 88 FROM GPS OBSERVATIONS

-TAX LOT: PORTION OF BLOCK 12495 LOT 2

-PORTION OF PROPERTY CONVEYED TO ROCHDALE VILLAGE, INC. BY DEED DATED 7/13/60 AND RECORDED IN DEED LIBER 7259 PAGE 475

-AREA: 3,320 S.F. = 0.0762 ACRE

-UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S EMBOSSED SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW

-ONLY COPIES OF THIS MAP BEARING THE LICENSED LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID, TRUE COPIES

-UNDERGROUND UTILITIES SUCH AS SEWERAGE DISPOSAL SYSTEMS, DRAINAGE, WATER, GAS, AND/OR ELECTRIC LINES, ETC..., ARE NOT SHOWN AND ARE NOT CERTIFIED TO

-GW-7 SURVEYED AUGUST 29, 2018

-THERE ARE NO PONDS, LAKES, SPRINGS, RIVERS OR NATURAL WATER BOUNDARY BORDERING ON OR RUNNING THROUGH THE SURVEYED PROPERTY

20' 0 20' 40'

SCALE: 1" = 20'

0 20 Ft/m 80'
Centimeters Meters = CM/100

SCALE: 1 CM = 2.40 METERS

I HEREBY CERTIFY TO THE PARTIES LISTED BELOW THAT THIS MAP IS BASED ON AN ACTUAL FIELD SURVEY COMPLETED ON JULY 15, 2016 AND WAS PREPARED IN ACCORDANCE WITH THE CURRENT EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC.

-NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DONALD R. STEDGE, L.S., NYS LIC. NO. 49750

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN MORE DETAIL IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT derweb@dec.ny.gov

REVISIONS
12/30/16- GW-6 LOCATION AND ELEVATIONS, NOTES
8/29/18- GW-7 LOCATION AND ELEVATIONS, NOTES
6/13/19- AREA, DEED REFERENCE, WATER BOUNDARY NOTE
7/3/19- KEY MAP, PAGE 2, ORIGINAL DESCRIPTION

ENVIRONMENTAL EASEMENT PREPARED FOR

JS CLEANERS
ROCHDALE VILLAGE

165-50 BAISLEY BOULEVARD
JAMAICA

QUEENS COUNTY — NEW YORK
SCALE: 1" = 20' — AUGUST 11, 2016

DONALD R. STEDGE, P.L.S.
112 MURRAY AVENUE
GOSHEN, NY 10924
(845) 325-9734

PG. 1/2

JOB NO. 1485A

Traverse PC

ORIGINAL RECORD DECRIPTION

All those certain plots, pieces or parcels of land, situate, lying and being in the Fourth Ward, of the Borough of Queens, in the City of New York, County of Queens, City and State of New York, bounded and described as follows according to the meridian of the Topographical Bureau of the Borough of Queens, as follows:

PARCEL A

BEGINNING at the corner formed by the intersection of the northeasterly side of New York Blvd., 80 feet wide, with the southeasterly side of Baisley Blvd., 80 feet wide;
running thence along the southeasterly side of Baisley Blvd. the following four courses and distances:
1. North 19 degrees 41 minutes 20 seconds East 478.80 feet to a point of curve;
2. Northerly along a curve bearing to the right having a radius of 774.966 feet a distance of 243.35 feet to a point;
3. North 37 degrees 40 minutes 50 seconds East 809.54 feet to a point;
4. North 31 degrees 37 minutes 30 seconds East 146.10 feet to the land of the Long Island Railroad Company;
thence South 79 degrees 51 minutes 20 seconds East along the land of the Long Island Railroad Company 2,656.20 feet to the westerly extremity of Parcel 356 on Right of Way Map 346 acquired by The People of the State of New York in proceeding No. 1560 Elimination of Grade Crossing, Long Island Railroad (Montauk Division) Jamaica to Rosedale, County of Queens;
thence South 77 degrees 12 minutes 47 seconds East along the said parcel acquired by The People of the State of New York 130.14 feet to a point;
thence South 79 degrees 51 minutes 20 seconds East and still along said parcel acquired by The People of the State of New York 548.92 feet;
thence South 44 degrees 37 minutes 19 seconds West 272.44 feet;
thence North 44 degrees 55 minutes 38 seconds West 6 feet;
thence South 44 degrees 37 minutes 19 seconds West 200 feet;
thence South 44 degrees 55 minutes 38 seconds East 6 feet;
thence South 44 degrees 37 minutes 19 seconds West 160 feet;
thence North 44 degrees 55 minutes 38 seconds West 6 feet;
thence South 44 degrees 37 minutes 19 seconds West 100 feet;
thence South 44 degrees 55 minutes 38 seconds East 6 feet;
thence South 44 degrees 37 minutes 19 seconds West 160 feet;
thence North 44 degrees 55 minutes 38 seconds West 6 feet;
thence South 44 degrees 37 minutes 19 seconds West 100 feet;
thence South 44 degrees 55 minutes 38 seconds East 6 feet;
thence South 44 degrees 37 minutes 19 seconds West 60 feet;
thence North 44 degrees 55 minutes 38 seconds West 6 feet;
thence South 44 degrees 37 minutes 19 seconds West 90.62 feet;
thence South 40 degrees 06 minutes 35 seconds East 348.44 feet to the northwesterly side of 137th Avenue, 80 feet wide;
thence South 49 degrees 31 minutes 52 seconds West along the northwesterly side of 137th Avenue 1,516.67 feet to a point;
thence South 30 degrees 42 minutes 20 seconds West, still along the northwesterly side of 137th Avenue 172.96 feet to the corner formed by the intersection of the northwesterly side of 137th Avenue with the northeasterly side of New York Blvd.;
thence along the northeasterly side of New York Blvd. the two following courses and distances:
1. North 59 degrees 17 minutes 40 seconds West 877.95 feet to a point;
2. North 59 degrees 10 minutes 59 seconds West 1,806.40 feet to the corner formed by the intersection of the northeasterly side of New York Blvd. with the southeasterly side of Baisley Blvd. at the place or point of beginning.

PARCEL B

BEGINNING at the corner formed by the intersection of the easterly side of 131st Avenue, 50 feet wide, with the northerly side of 161st Street, 50 feet wide;
running thence North 14 degrees 24 minutes 57 seconds East along the easterly side of 131st Avenue 252.31 feet;
thence North 44 degrees 26 minutes 07 seconds West crossing 131st Avenue 161 feet;
thence North 35 degrees 39 minutes 45 seconds East 23.15 feet to the southwesterly side of New York Boulevard, 80 feet wide;
thence South 59 degrees 10 minutes 59 seconds East along the southwesterly side of New York Boulevard 416.07 feet to the center line of 132nd Avenue, 60 feet wide
thence South 14 degrees 25 minutes 47 seconds West along the center line of 132nd Avenue 240.81 feet to the easterly prolongation of the northerly side of 161st Street;
thence North 75 degrees 35 minutes 03 seconds West along the easterly prolongation of the northerly side of 161st Street and along the northerly side of 161st Street 270.01 feet to the corner formed by the intersection of the northerly side of 161st Street with the easterly side of 131st Avenue, at the place or point of beginning.

PARCEL C

BEGINNING at the corner formed by the intersection of the southeasterly side of 137th Avenue, 80 feet wide, with the northeasterly side of New York Blvd., 80 feet wide;
running thence North 30 degrees 42 minutes 20 seconds East along the southeasterly side of 137th Avenue, 156.87 feet;
thence South 58 degrees 09 minutes 26 seconds East 203.53 feet to a point;
thence South 58 degrees 19 minutes 04 seconds East 6.53 feet;
thence South 52 degrees 04 minutes 04 seconds West 5.35 feet;
thence South 58 degrees 49 minutes 46 seconds East 263.86 feet;
thence North 56 degrees 03 minutes 18 seconds East 2.95 feet;
thence South 58 degrees 19 minutes 04 seconds East 0.87 of a foot to the northwesterly side of 140th Avenue, 50 feet wide;
thence South 54 degrees 25 minutes 44 seconds West along the northwesterly side of 140th Avenue 161.93 feet to the corner formed by the intersection of the northwesterly side of 140th Avenue with the northeasterly side of New York Blvd.;
thence North 59 degrees 17 minutes 40 seconds West along the northeasterly side of New York Blvd. 408.89 feet to the corner formed by the intersection of the northeasterly side of New York Blvd. with the southeasterly side of 137th Avenue, at the place or point of beginning.

PARCEL D

BEGINNING at the corner formed by the intersection of the westerly side of 129th Avenue, 60 feet wide, with the southwesterly side of 172nd Street, 30 feet wide;
running thence South 10 degrees 08 minutes 40 seconds West along the westerly side of 129th Avenue, 52.12 feet to the northerly line of Parcel 290 on Right of Way Map 280 acquired by the People of the State of New York in Proceeding No. 1560 Elimination of Grade Crossing, Long Island Railroad (Montauk Division), Jamaica to Rosedale, County of Queens;
thence along said parcel acquired by the People of the State of New York the following three courses and distances:
1.) North 79 degrees 51 minutes 20 seconds West 206 feet to a point;
2.) North 78 degrees 49 minutes 28 seconds West 500.08 feet to a point;
3.) North 79 degrees 51 minutes 20 seconds West 178.42 feet to the easterly side of Baisley Blvd. 80 feet wide;
thence along the easterly side of Baisley Blvd. the following two courses and distances
1.) North 31 degrees 37 minutes 30 seconds East 481.11 feet to a point;
2.) North 17 degrees 42 minutes 18 seconds East 28.73 feet to the corner formed by the intersection of the easterly side of Baisley Blvd. with the southwesterly side of 172nd Street, 30 feet wide;
thence South 37 degrees 41 minutes 00 seconds East and part of the distance along the southwesterly side of 172nd Street 255.79 feet;
thence North 45 degrees 36 minutes 15 seconds East 124.40 feet to southwesterly side of 172nd Street
thence South 40 degrees 32 minutes 10 seconds East along the southwesterly side of 172nd Street 572.32 feet to the corner formed by the intersection of the southwesterly side of 172nd Street with the westerly side of 129th Avenue, at the place or point of beginning.

PARCEL E

BEGINNING at a point on the southeasterly side of 128th Avenue, 50 feet wide, distant 158 feet northeasterly from the corner formed by the intersection of the southeasterly side of 128th Avenue with the northeasterly side of 174th Place, 50 feet wide;
running thence North 48 degrees 15 minutes 05 seconds East along the southeasterly side of 128th Avenue 70 feet;
thence South 41 degrees 44 minutes 55 seconds East 107 feet to the southerly boundary line of "Map of South Jamaica Place";
thence North 42 degrees 39 minutes 25 seconds East along the southerly boundary line of "Map of South Jamaica Place" 379.81 feet;
thence North 41 degrees 44 minutes 55 seconds West 69.97 feet to the southeasterly side of 128th Avenue;
thence North 48 degrees 15 minutes 05 seconds East along the southeasterly side of 128th Avenue 71.71 feet to the corner formed by the intersection of the southeasterly side of 128th Avenue with the southwesterly side of Maetrich St., 50 feet wide;
thence South 30 degrees 40 minutes 55 seconds East along the southwesterly side of Maetrich St. 150.66 feet to the corner formed by the intersection of the southwesterly side of Maetrich St. with the northwesterly side of 129th Avenue, 60 feet wide;
thence South 43 degrees 39 minutes 35 seconds West along the northwesterly side of 129th Avenue 79.82 feet to a point;
thence South 48 degrees 51 minutes 25 seconds West still along the northwesterly side of 129th Avenue 569.26 feet to the corner formed by the intersection of the northwesterly side of 129th Avenue with the northeasterly side of 174th Place;
thence North 41 degrees 44 minutes 55 seconds West along the northeasterly side of 174th Place 19.10 feet to the southerly boundary line of "Map of South Jamaica Place";
thence North 42 degrees 46 minutes 42 seconds East along the southerly boundary line of "Map of South Jamaica Place" 88.40 feet to a point;
thence North 42 degrees 39 minutes 25 seconds East still along the southerly boundary line of said map 70.34 feet;
thence North 41 degrees 44 minutes 55 seconds West 113.85 feet to the southeasterly side of 128th Avenue, at the place or point of beginning.

PARCEL F

BEGINNING at the corner formed by the intersection of the southeasterly side of 129th Avenue, 60 feet wide, with the westerly side of Maetrich St., 50 feet wide;
running thence South 16 degrees 18 minutes 45 seconds East along the westerly side of Maetrich Street 98.36 feet;
thence South 43 degrees 13 minutes 44 seconds West 20.27 feet;
thence South 23 degrees 02 minutes 50 seconds East 179.31 feet;
thence North 43 degrees 39 minutes 35 seconds East 22.74 feet to the southwesterly side of 176th Street, 50 feet wide;
thence South 46 degrees 20 minutes 25 seconds East along the southwesterly side of 176th Street 100 feet;
thence South 43 degrees 39 minutes 35 seconds West 65.84 feet;
thence South 23 degrees 02 minutes 50 seconds East 27.50 feet;
thence South 24 degrees 18 minutes 50 seconds East 328.73 feet to the southwesterly prolongation of the southeasterly side of 131st Avenue, 50 feet wide;
thence North 43 degrees 39 minutes 35 seconds East crossing 176th Street and along the southwesterly prolongation of the southeasterly side of 131st Avenue and along the southeasterly side of 131st Avenue 699.94 feet;
thence South 46 degrees 20 minutes 25 seconds East 91 feet;
thence North 43 degrees 39 minutes 35 seconds East 29.37 feet;
thence South 15 degrees 49 minutes 40 seconds West 19.28 feet;
thence South 43 degrees 39 minutes 35 seconds West 302.77 feet;
thence South 46 degrees 20 minutes 25 seconds East 100 feet to a point in 132nd Avenue, 50 feet wide;
thence South 10 degrees 25 minutes 40 seconds West crossing 132nd Avenue 74.81 feet to the southeasterly side of 132nd Avenue;
thence North 43 degrees 39 minutes 35 seconds East along the southeasterly side of 132nd Avenue, 39.05 feet;
thence South 46 degrees 20 minutes 25 seconds East 92.40 feet;
thence South 43 degrees 29 minutes 25 seconds West 11.80 feet;
thence South 46 degrees 30 minutes 51 seconds East 110 feet to the northwesterly side of 133rd Avenue, 50 feet wide;
thence South 43 degrees 29 minutes 09 seconds West along the northwesterly side of 133rd Avenue and the southwesterly prolongation thereof and crossing Garret Street, 50 feet wide, 153.86 feet to the southerly side of Garret Street;
thence South 70 degrees 41 minutes 31 seconds East along the southerly side of Garret Street 54.81 feet to the southwesterly prolongation of the southeasterly side of 133rd Avenue;
thence North 43 degrees 29 minutes 09 seconds East along the southwesterly prolongation of the southeasterly side of 133rd Avenue and along the southeasterly side of 133rd Avenue 131.19 feet;
thence South 46 degrees 20 minutes 25 seconds East 110.80 feet;
thence South 43 degrees 39 minutes 35 seconds West and again crossing Garret Street 81.22 feet to the southerly side of Garret Street;
thence South 70 degrees 41 minutes 31 seconds East along the southerly side of Garret Street 93.59 feet;
thence South 79 degrees 20 minutes 15 seconds West 298.38 feet;
thence North 10 degrees 39 minutes 45 seconds West 16 feet;
thence South 83 degrees 00 minutes 00 seconds West 239.95 feet;
thence North 80 degrees 32 minutes 38 seconds West 1,349.10 feet to the easterly side of 129th Avenue;
thence North 10 degrees 08 minutes 40 seconds East along the easterly side of 129th Avenue 23.23 feet to the southeasterly side of 129th Avenue;
thence North 48 degrees 51 minutes 25 seconds East along the southeasterly side of 129th Avenue 1,084.28 feet to a point;
thence North 43 degrees 39 minutes 35 seconds East still along the southeasterly side of 129th Avenue 63.66 feet to the corner formed by the intersection of the southeasterly side of 129th Avenue with the westerly side of Maetrich Street, at the place or point of beginning

ENVIRONMENTAL EASEMENT PREPARED FOR

JS CLEANERS
ROCHDALE VILLAGE

165-50 BAISLEY BOULEVARD
JAMAICA

QUEENS COUNTY
SCALE: 1" = 20'

NEW YORK
JULY 3, 2019

DONALD R. STEDGE, P.L.S.
112 MURRAY AVENUE
GOSHEN, NY 10924
(845) 325-9734

JOB NO. 1485A

Appendix 3
Laboratory Reports and Data Usability Summary Reports

ANALYTICAL REPORT

Lab Number:	L2233040
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Mohamed Ahmed
Phone:	(646) 606-2332
Project Name:	JS ROCHELLE
Project Number:	JS ROCHELLE
Report Date:	07/07/22

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: JS ROCHELLE
Project Number: JS ROCHELLE

Lab Number: L2233040
Report Date: 07/07/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2233040-01	JS-GW-7_20220621	WATER	JAMAICA, QUEENS, NY	06/21/22 10:00	06/22/22
L2233040-02	JS-GW-3S_20220621	WATER	JAMAICA, QUEENS, NY	06/21/22 11:00	06/22/22
L2233040-03	JS-GW-1_20220621	WATER	JAMAICA, QUEENS, NY	06/21/22 12:40	06/22/22
L2233040-04	JS-GW-1-DUP_20220621	WATER	JAMAICA, QUEENS, NY	06/21/22 12:45	06/22/22
L2233040-05	TRIP BLANK	WATER	JAMAICA, QUEENS, NY	06/21/22 00:00	06/22/22

Project Name:	JS ROCHELLE	**Lab Number:**	L2233040
Project Number:	JS ROCHELLE	**Report Date:**	07/07/22

Case Narrative

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

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

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

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

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

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

Project Name:	JS ROCHELLE	**Lab Number:**	L2233040
Project Number:	JS ROCHELLE	**Report Date:**	07/07/22

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2233040-02: The sample identified as "JS-GW-3_20220621" on the chain of custody was identified as "JS-GW-3S_20220621" on the container label. At the client's request, the sample is reported as "JS-GW-3S_20220621".

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

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 07/07/22

ORGANICS

VOLATILES

Project Name: JS ROCHELLE
Project Number: JS ROCHELLE
Lab Number: L2233040
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-01
Client ID: JS-GW-7_20220621
Sample Location: JAMAICA, QUEENS, NY
Date Collected: 06/21/22 10:00
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/01/22 15:29
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.74		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-01 Date Collected: 06/21/22 10:00

Client ID: JS-GW-7_20220621 Date Received: 06/22/22

Sample Location: JAMAICA, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-01 Date Collected: 06/21/22 10:00

Client ID: JS-GW-7_20220621 Date Received: 06/22/22

Sample Location: JAMAICA, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	108		70-130

Project Name: JS ROCHELLE
Project Number: JS ROCHELLE
Lab Number: L2233040
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-02
Client ID: JS-GW-3S_20220621
Sample Location: JAMAICA, QUEENS, NY
Date Collected: 06/21/22 11:00
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/01/22 15:53
Analyst: NLK

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

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-02 Date Collected: 06/21/22 11:00

Client ID: JS-GW-3S_20220621 Date Received: 06/22/22

Sample Location: JAMAICA, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-02 Date Collected: 06/21/22 11:00

Client ID: JS-GW-3S_20220621 Date Received: 06/22/22

Sample Location: JAMAICA, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	106		70-130

Project Name: JS ROCHELLE
Project Number: JS ROCHELLE
Lab Number: L2233040
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-03
Client ID: JS-GW-1_20220621
Sample Location: JAMAICA, QUEENS, NY
Date Collected: 06/21/22 12:40
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/01/22 16:41
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	150		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-03 Date Collected: 06/21/22 12:40

Client ID: JS-GW-1_20220621 Date Received: 06/22/22

Sample Location: JAMAICA, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	6.8		ug/l	2.5	0.70	1
o-Xylene	25		ug/l	2.5	0.70	1
Xylenes, Total	32		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	1.4	J	ug/l	2.5	0.70	1
sec-Butylbenzene	1.5	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	2.3	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	12		ug/l	2.5	0.70	1

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-03 Date Collected: 06/21/22 12:40

Client ID: JS-GW-1_20220621 Date Received: 06/22/22

Sample Location: JAMAICA, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	7.1		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	19		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	11		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	5.1		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-04
Client ID: JS-GW-1-DUP_20220621
Sample Location: JAMAICA, QUEENS, NY

Date Collected: 06/21/22 12:45
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/01/22 17:04
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	140		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-04 Date Collected: 06/21/22 12:45

Client ID: JS-GW-1-DUP_20220621 Date Received: 06/22/22

Sample Location: JAMAICA, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	10		ug/l	2.5	0.70	1
o-Xylene	36		ug/l	2.5	0.70	1
Xylenes, Total	46		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	1.8	J	ug/l	2.5	0.70	1
sec-Butylbenzene	2.0	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	3.4		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	16		ug/l	2.5	0.70	1

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-04 Date Collected: 06/21/22 12:45

Client ID: JS-GW-1-DUP_20220621 Date Received: 06/22/22

Sample Location: JAMAICA, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	11		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	29		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	17		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	6.9		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: JS ROCHELLE
Project Number: JS ROCHELLE
Lab Number: L2233040
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-05
Client ID: TRIP BLANK
Sample Location: JAMAICA, QUEENS, NY
Date Collected: 06/21/22 00:00
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/01/22 16:17
Analyst: NLK

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

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-05 Date Collected: 06/21/22 00:00

Client ID: TRIP BLANK Date Received: 06/22/22

Sample Location: JAMAICA, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: JS ROCHELLE **Lab Number:** L2233040

Project Number: JS ROCHELLE **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233040-05 Date Collected: 06/21/22 00:00

Client ID: TRIP BLANK Date Received: 06/22/22

Sample Location: JAMAICA, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	108		70-130

Project Name: JS ROCHELLE
Project Number: JS ROCHELLE
Lab Number: L2233040
Report Date: 07/07/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/01/22 08:50
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1658018-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: JS ROCHELLE
Project Number: JS ROCHELLE
Lab Number: L2233040
Report Date: 07/07/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/01/22 08:50
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1658018-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: JS ROCHELLE
Project Number: JS ROCHELLE
Lab Number: L2233040
Report Date: 07/07/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/01/22 08:50
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1658018-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: JS ROCHELLE

Project Number: JS ROCHELLE

Lab Number: L2233040

Report Date: 07/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1658018-3 WG1658018-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	98		100		70-130	2		20
Dibromochloromethane	87		93		63-130	7		20
1,1,2-Trichloroethane	96		100		70-130	4		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	80		78		62-150	3		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	98		100		70-130	2		20
1,1-Dichloropropene	110		120		70-130	9		20
Bromoform	79		84		54-136	6		20
1,1,2,2-Tetrachloroethane	98		100		67-130	2		20
Benzene	100		100		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	93		100		64-130	7		20
Bromomethane	52		49		39-139	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JS ROCHELLE
Project Number: JS ROCHELLE

Lab Number: L2233040
Report Date: 07/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1658018-3 WG1658018-4								
Vinyl chloride	97		96		55-140	1		20
Chloroethane	71		71		55-138	0		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	94		95		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	99		100		70-130	1		20
Methyl tert butyl ether	91		99		63-130	8		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	91		92		70-130	1		20
1,2,3-Trichloropropane	94		100		64-130	6		20
Acrylonitrile	80		82		70-130	2		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	95		95		36-147	0		20
Acetone	86		94		58-148	9		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	74		81		63-138	9		20
Vinyl acetate	**140**	Q	**150**	Q	70-130	7		20
4-Methyl-2-pentanone	73		79		59-130	8		20
2-Hexanone	77		89		57-130	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JS ROCHELLE

Project Number: JS ROCHELLE

Lab Number: L2233040

Report Date: 07/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1658018-3 WG1658018-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	**140**	Q	**140**	Q	63-133	0		20
1,2-Dibromoethane	97		100		70-130	3		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	100		110		64-130	10		20
Bromobenzene	99		100		70-130	1		20
n-Butylbenzene	120		120		53-136	0		20
sec-Butylbenzene	110		120		70-130	9		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	120		120		70-130	0		20
p-Chlorotoluene	120		120		70-130	0		20
1,2-Dibromo-3-chloropropane	69		82		41-144	17		20
Hexachlorobutadiene	100		96		63-130	4		20
Isopropylbenzene	110		120		70-130	9		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	73		86		70-130	16		20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	78		87		70-130	11		20
1,2,4-Trichlorobenzene	87		94		70-130	8		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	70		76		56-162	8		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JS ROCHELLE

Project Number: JS ROCHELLE

Lab Number: L2233040

Report Date: 07/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1658018-3 WG1658018-4								
p-Ethyltoluene	110		120		70-130	9		20
1,2,4,5-Tetramethylbenzene	97		100		70-130	3		20
Ethyl ether	69		71		59-134	3		20
trans-1,4-Dichloro-2-butene	95		100		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		106		70-130
Toluene-d8	107		109		70-130
4-Bromofluorobenzene	106		109		70-130
Dibromofluoromethane	98		99		70-130

Project Name: JS ROCHELLE
Project Number: JS ROCHELLE

Lab Number: L2233040
Report Date: 07/07/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2233040-01A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-01B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-01C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-02A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-02B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-02C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-03A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-03B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-03C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-04A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-04B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-04C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-05A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2233040-05B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	JS ROCHELLE	**Lab Number:**	L2233040
Project Number:	JS ROCHELLE	**Report Date:**	07/07/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	JS ROCHELLE	**Lab Number:**	L2233040
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

Identified Compounds (TICs).

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	JS ROCHELLE	**Lab Number:**	L2233040
Project Number:	JS ROCHELLE	**Report Date:**	07/07/22

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Date Rec'd in Lab: 6/22/22

ALPHA Job #: L2233040

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

Project Information
Project Name: JS Rochdale
Project Location: Jamaica, Queens, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Mohamed Ahmed
ALPHAQuote #:

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

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

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

Billing Information
☒ Same as Client Info
PO #

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

Client Information
Client: Tenen Environmental
Address: 121 W 27th Street
NY NY 10001
Phone: 646-606-2332
~~Fax:~~ Cacuneo@tenen-env.com
Email: MAhmed@tenen-env.com

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 VOCs								Sample Specific Comments	Total Bottles
33040-01	JS-GW-7_20220621	6/21/22	1000	W	CZ	X									
-02	JS-GW-3_20220621	6/21/22	1100	W	CZ	X									
-03	JS-GW-1_20220621	6/21/22	1240	W	CZ	X									
-04	JS-GW-1-DUP-20220621	6/21/22	1245	W	CZ	X									
-05	TRIP BLANK	—	—	W	—	X									
Container Type						V									
Preservative						B									

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/22/22 0800	[signature] AAL	6/22/22 5:06
[signature] AAL	6/22/22 1125	Paul Mazzella	6/22/22 1640
Paul Mazzella	6/22/22	6/22 [illegible]	
[illegible] 6/22	22[illegible]	[signature]	6/22/22 2245

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

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

ANALYTICAL REPORT

Lab Number:	L2251822
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Mohamed Ahmed
Phone:	(646) 606-2332
Project Name:	JS ROCHDALE
Project Number:	JS ROCHDALE
Report Date:	10/04/22

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2251822
Report Date: 10/04/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2251822-01	MW-3S	WATER	165-50 BAISLEY BLVD, QUEENS, NY	09/21/22 08:10	09/21/22
L2251822-02	MW-7	WATER	165-50 BAISLEY BLVD, QUEENS, NY	09/21/22 09:40	09/21/22
L2251822-03	MW-1	WATER	165-50 BAISLEY BLVD, QUEENS, NY	09/21/22 10:55	09/21/22
L2251822-04	MW-1_DUP	WATER	165-50 BAISLEY BLVD, QUEENS, NY	09/21/22 11:00	09/21/22
L2251822-05	FIELD BLANK	WATER	165-50 BAISLEY BLVD, QUEENS, NY	09/21/22 07:40	09/21/22
L2251822-06	TRIP BLANK	WATER	165-50 BAISLEY BLVD, QUEENS, NY	09/21/22 00:00	09/21/22

Project Name:	JS ROCHDALE	**Lab Number:**	L2251822
Project Number:	JS ROCHDALE	**Report Date:**	10/04/22

Case Narrative

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

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

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

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

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

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

Project Name:	JS ROCHDALE	**Lab Number:**	L2251822
Project Number:	JS ROCHDALE	**Report Date:**	10/04/22

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 10/04/22

ORGANICS

VOLATILES

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-01
Client ID: MW-3S
Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY

Date Collected: 09/21/22 08:10
Date Received: 09/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/02/22 21:35
Analyst: MKS

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

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-01 Date Collected: 09/21/22 08:10

Client ID: MW-3S Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-01 Date Collected: 09/21/22 08:10

Client ID: MW-3S Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-02
Client ID: MW-7
Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY

Date Collected: 09/21/22 09:40
Date Received: 09/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/02/22 21:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.94		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-02 Date Collected: 09/21/22 09:40

Client ID: MW-7 Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-02 Date Collected: 09/21/22 09:40

Client ID: MW-7 Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-03 Date Collected: 09/21/22 10:55
Client ID: MW-1 Date Received: 09/21/22
Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/02/22 22:22
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	16		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-03 Date Collected: 09/21/22 10:55

Client ID: MW-1 Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	3.5		ug/l	2.5	0.70	1
o-Xylene	11		ug/l	2.5	0.70	1
Xylenes, Total	15		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	0.71	J	ug/l	2.5	0.70	1
sec-Butylbenzene	0.96	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.2	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	5.6		ug/l	2.5	0.70	1

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-03 Date Collected: 09/21/22 10:55

Client ID: MW-1 Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	3.4		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	8.8		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	5.1		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	3.0		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: JS ROCHDALE
Lab Number: L2251822
Project Number: JS ROCHDALE
Report Date: 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-04
Client ID: MW-1_DUP
Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY
Date Collected: 09/21/22 11:00
Date Received: 09/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/02/22 22:46
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	23		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-04 Date Collected: 09/21/22 11:00

Client ID: MW-1_DUP Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	1.7	J	ug/l	2.5	0.70	1
o-Xylene	5.1		ug/l	2.5	0.70	1
Xylenes, Total	6.8	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	3.0		ug/l	2.5	0.70	1

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-04 Date Collected: 09/21/22 11:00

Client ID: MW-1_DUP Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	1.5	J	ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	4.0		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	2.3		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.2	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-05
Client ID: FIELD BLANK
Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY

Date Collected: 09/21/22 07:40
Date Received: 09/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/02/22 16:05
Analyst: MKS

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

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-05 Date Collected: 09/21/22 07:40

Client ID: FIELD BLANK Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-05 Date Collected: 09/21/22 07:40

Client ID: FIELD BLANK Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-06
Client ID: TRIP BLANK
Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY

Date Collected: 09/21/22 00:00
Date Received: 09/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/02/22 15:42
Analyst: MKS

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

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-06 Date Collected: 09/21/22 00:00

Client ID: TRIP BLANK Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: JS ROCHDALE **Lab Number:** L2251822

Project Number: JS ROCHDALE **Report Date:** 10/04/22

SAMPLE RESULTS

Lab ID: L2251822-06 Date Collected: 09/21/22 00:00

Client ID: TRIP BLANK Date Received: 09/21/22

Sample Location: 165-50 BAISLEY BLVD, QUEENS, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE
Lab Number: L2251822
Report Date: 10/04/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/02/22 14:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1694949-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE
Lab Number: L2251822
Report Date: 10/04/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/02/22 14:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1694949-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE
Lab Number: L2251822
Report Date: 10/04/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/02/22 14:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1694949-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2251822
Report Date: 10/04/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1694949-3 WG1694949-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	94		96		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	99		99		67-130	0		20
trans-1,3-Dichloropropene	98		100		70-130	2		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	86		91		54-136	6		20
1,1,2,2-Tetrachloroethane	96		100		67-130	4		20
Benzene	110		110		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	78		78		64-130	0		20
Bromomethane	48		51		39-139	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2251822
Report Date: 10/04/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1694949-3 WG1694949-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	98		97		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	95		100		63-130	5		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	82		86		64-130	5		20
Acrylonitrile	92		100		70-130	8		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	90		87		36-147	3		20
Acetone	93		89		58-148	4		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	83		110		63-138	**28**	Q	20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	89		94		59-130	5		20
2-Hexanone	87		95		57-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2251822
Report Date: 10/04/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1694949-3 WG1694949-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	120		110		63-133	9		20
1,2-Dibromoethane	95		100		70-130	5		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	99		99		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	74		83		41-144	11		20
Hexachlorobutadiene	98		100		63-130	2		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	74		88		70-130	17		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	82		92		70-130	11		20
1,2,4-Trichlorobenzene	90		96		70-130	6		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	92		102		56-162	10		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JS ROCHDALE

Project Number: JS ROCHDALE

Lab Number: L2251822

Report Date: 10/04/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1694949-3 WG1694949-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	99		100		59-134	1		20
trans-1,4-Dichloro-2-butene	89		98		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	99		97		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: JS ROCHDALE

Project Number: JS ROCHDALE

Lab Number: L2251822

Report Date: 10/04/22

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1694949-6 WG1694949-7 QC Sample: L2251822-01 Client ID: MW-3S												
Methylene chloride	ND	10	10	100		11	110		70-130	10		20
1,1-Dichloroethane	ND	10	11	110		12	120		70-130	9		20
Chloroform	ND	10	11	110		12	120		70-130	9		20
Carbon tetrachloride	ND	10	10	100		11	110		63-132	10		20
1,2-Dichloropropane	ND	10	11	110		12	120		70-130	9		20
Dibromochloromethane	ND	10	8.9	89		9.9	99		63-130	11		20
1,1,2-Trichloroethane	ND	10	9.7	97		10	100		70-130	3		20
Tetrachloroethene	ND	10	10	100		12	120		70-130	18		20
Chlorobenzene	ND	10	10	100		11	110		75-130	10		20
Trichlorofluoromethane	ND	10	11	110		12	120		62-150	9		20
1,2-Dichloroethane	ND	10	10	100		11	110		70-130	10		20
1,1,1-Trichloroethane	ND	10	10	100		12	120		67-130	18		20
Bromodichloromethane	ND	10	9.6	96		11	110		67-130	14		20
trans-1,3-Dichloropropene	ND	10	9.0	90		10	100		70-130	11		20
cis-1,3-Dichloropropene	ND	10	9.4	94		11	110		70-130	16		20
1,1-Dichloropropene	ND	10	11	110		12	120		70-130	9		20
Bromoform	ND	10	8.1	81		9.1	91		54-136	12		20
1,1,2,2-Tetrachloroethane	ND	10	9.3	93		10	100		67-130	7		20
Benzene	ND	10	11	110		12	120		70-130	9		20
Toluene	ND	10	10	100		12	120		70-130	18		20
Ethylbenzene	ND	10	10	100		11	110		70-130	10		20
Chloromethane	ND	10	7.9	79		9.0	90		64-130	13		20
Bromomethane	ND	10	3.0	**30**	Q	4.4	44		39-139	**38**	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2251822
Report Date: 10/04/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1694949-6 WG1694949-7 QC Sample: L2251822-01 Client ID: MW-3S												
Vinyl chloride	ND	10	11	110		12	120		55-140	9		20
Chloroethane	ND	10	11	110		13	130		55-138	17		20
1,1-Dichloroethene	ND	10	11	110		12	120		61-145	9		20
trans-1,2-Dichloroethene	ND	10	11	110		12	120		70-130	9		20
Trichloroethene	ND	10	9.8	98		11	110		70-130	12		20
1,2-Dichlorobenzene	ND	10	9.5	95		11	110		70-130	15		20
1,3-Dichlorobenzene	ND	10	9.7	97		11	110		70-130	13		20
1,4-Dichlorobenzene	ND	10	9.6	96		11	110		70-130	14		20
Methyl tert butyl ether	ND	10	9.4	94		10	100		63-130	6		20
p/m-Xylene	ND	20	20	100		23	115		70-130	14		20
o-Xylene	ND	20	20	100		22	110		70-130	10		20
cis-1,2-Dichloroethene	ND	10	10	100		12	120		70-130	18		20
Dibromomethane	ND	10	9.8	98		11	110		70-130	12		20
1,2,3-Trichloropropane	ND	10	8.0	80		8.9	89		64-130	11		20
Acrylonitrile	ND	10	9.0	90		9.7	97		70-130	7		20
Styrene	ND	20	19	95		21	105		70-130	10		20
Dichlorodifluoromethane	ND	10	8.9	89		9.7	97		36-147	9		20
Acetone	ND	10	7.7	77		8.6	86		58-148	11		20
Carbon disulfide	ND	10	10	100		12	120		51-130	18		20
2-Butanone	ND	10	7.9	79		9.1	91		63-138	14		20
Vinyl acetate	ND	10	10	100		11	110		70-130	10		20
4-Methyl-2-pentanone	ND	10	8.4	84		9.3	93		59-130	10		20
2-Hexanone	ND	10	8.0	80		8.8	88		57-130	10		20

Matrix Spike Analysis

Batch Quality Control

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2251822
Report Date: 10/04/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1694949-6 WG1694949-7 QC Sample: L2251822-01 Client ID: MW-3S												
Bromochloromethane	ND	10	11	110		12	120		70-130	9		20
2,2-Dichloropropane	ND	10	9.8	98		11	110		63-133	12		20
1,2-Dibromoethane	ND	10	9.2	92		10	100		70-130	8		20
1,3-Dichloropropane	ND	10	9.8	98		11	110		70-130	12		20
1,1,1,2-Tetrachloroethane	ND	10	9.6	96		11	110		64-130	14		20
Bromobenzene	ND	10	9.6	96		11	110		70-130	14		20
n-Butylbenzene	ND	10	10	100		11	110		53-136	10		20
sec-Butylbenzene	ND	10	10	100		11	110		70-130	10		20
tert-Butylbenzene	ND	10	10	100		11	110		70-130	10		20
o-Chlorotoluene	ND	10	10	100		11	110		70-130	10		20
p-Chlorotoluene	ND	10	10	100		11	110		70-130	10		20
1,2-Dibromo-3-chloropropane	ND	10	7.0	70		7.6	76		41-144	8		20
Hexachlorobutadiene	ND	10	8.9	89		10	100		63-130	12		20
Isopropylbenzene	ND	10	10	100		12	120		70-130	18		20
p-Isopropyltoluene	ND	10	10	100		11	110		70-130	10		20
Naphthalene	ND	10	7.6	76		8.6	86		70-130	12		20
n-Propylbenzene	ND	10	10	100		12	120		69-130	18		20
1,2,3-Trichlorobenzene	ND	10	7.7	77		9.0	90		70-130	16		20
1,2,4-Trichlorobenzene	ND	10	8.5	85		9.7	97		70-130	13		20
1,3,5-Trimethylbenzene	ND	10	9.9	99		11	110		64-130	11		20
1,2,4-Trimethylbenzene	ND	10	10	100		11	110		70-130	10		20
1,4-Dioxane	ND	500	330	66		410	82		56-162	**22**	Q	20
p-Diethylbenzene	ND	10	9.7	97		11	110		70-130	13		20

Matrix Spike Analysis

Batch Quality Control

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2251822
Report Date: 10/04/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1694949-6 WG1694949-7 QC Sample: L2251822-01 Client ID: MW-3S												
p-Ethyltoluene	ND	10	10	100		11	110		70-130	10		20
1,2,4,5-Tetramethylbenzene	ND	10	9.3	93		10	100		70-130	7		20
Ethyl ether	ND	10	9.6	96		11	110		59-134	14		20
trans-1,4-Dichloro-2-butene	ND	10	7.8	78		9.0	90		70-130	14		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	97		98		70-130
Toluene-d8	100		99		70-130

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2251822
Report Date: 10/04/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2251822-01A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-01A1	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-01A2	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-01B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-01B1	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-01B2	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-01C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-01C1	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-01C2	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-02A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-02B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-02C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-03A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-03B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-03C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-04A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-04B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-04C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-05A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-05B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-05C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-06A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L2251822-06B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2251822
Report Date: 10/04/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

*Values in parentheses indicate holding time in days

Project Name:	JS ROCHDALE	**Lab Number:**	L2251822
Project Number:	JS ROCHDALE	**Report Date:**	10/04/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	JS ROCHDALE	**Lab Number:**	L2251822
Project Number:	JS ROCHDALE	**Report Date:**	10/04/22

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	JS ROCHDALE	**Lab Number:**	L2251822
Project Number:	JS ROCHDALE	**Report Date:**	10/04/22

Data Qualifiers

Identified Compounds (TICs).

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	JS ROCHDALE	**Lab Number:**	L2251822
Project Number:	JS ROCHDALE	**Report Date:**	10/04/22

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 9/21/22

ALPHA Job #: L2251822

Client Information

Client: Tenen Env LLC
Address: 121 W 27th St, NY NY 10001
Phone: 646 606 2337
Fax:
Email: mahmed@tenen-env.com

Project Information

Project Name: JS Rochdale
Project Location: 165-50 Baisley Blvd, Queens, NY
Project #
(Use Project name as Project #) [X]
Project Manager: M. Ahmed
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

Billing Information

[ ] Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

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

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

VOCs

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Sample Specific Comments	Total Bottle
51822-01	MW-3S	9/21/22	0810	GW	HPL	X		3
-02	MW-3S_MS	9/21/22	0815	GW	HPL	X		3
-01	MW-3S_MSD	9/21/22	0820	GW	HPL	X		3
02	MW-7	9/21/22	0940	GW	HPL	X		3
-03	MW-1	9/21/22	1055	GW	HPL	X		3
-04	MW-1_DUP	9/21/22	1100	GW	HPL	X		3
-05	Field Blank	9/21/22	0740	AQ	HPL	X		3
-06	Trip Blank	9/21/22		AQ		X		2

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

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

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

Container Type: V
Preservative: B

Relinquished By:	Date/Time	Received By:	Date/Time
	9/22/22		9/22/22 13:[illegible]
Paul Mazzella	9/21/22 16:50	Paul Mazzella	9/21/22 16:50
	9/21/22		9/21/22 23:30

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

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

ANALYTICAL REPORT

Lab Number:	L2269005
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Matthew Carroll
Phone:	(646) 606-2332
Project Name:	JS ROCHDALE
Project Number:	JS ROCHDALE
Report Date:	12/21/22

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2269005
Report Date: 12/21/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2269005-01	JS-GW-3S	WATER	165-58 BARSLEY BLVD, QUEENS, NY 11434	12/08/22 09:10	12/08/22
L2269005-02	JS-GW-7	WATER	165-58 BARSLEY BLVD, QUEENS, NY 11434	12/08/22 09:40	12/08/22
L2269005-03	JS-GW-1	WATER	165-58 BARSLEY BLVD, QUEENS, NY 11434	12/08/22 10:35	12/08/22
L2269005-04	JS-GW-1-DUP	WATER	165-58 BARSLEY BLVD, QUEENS, NY 11434	12/08/22 10:40	12/08/22
L2269005-05	TRIP BLANK	WATER	165-58 BARSLEY BLVD, QUEENS, NY 11434	12/07/22 00:00	12/08/22

Project Name:	JS ROCHDALE	**Lab Number:**	L2269005
Project Number:	JS ROCHDALE	**Report Date:**	12/21/22

Case Narrative

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

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

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

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

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

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

Project Name:	JS ROCHDALE	**Lab Number:**	L2269005
Project Number:	JS ROCHDALE	**Report Date:**	12/21/22

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2269005-01 through -05: The collection time was obtained from the container labels.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 12/21/22

ORGANICS

VOLATILES

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE
Lab Number: L2269005
Report Date: 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-01
Client ID: JS-GW-3S
Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434
Date Collected: 12/08/22 09:10
Date Received: 12/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/14/22 13:30
Analyst: LAC

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

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-01 Date Collected: 12/08/22 09:10

Client ID: JS-GW-3S Date Received: 12/08/22

Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434 Field Prep: Not Specified

Sample Depth:

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

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-01 Date Collected: 12/08/22 09:10

Client ID: JS-GW-3S Date Received: 12/08/22

Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	124		70-130

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-02 Date Collected: 12/08/22 09:40
Client ID: JS-GW-7 Date Received: 12/08/22
Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434 Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/14/22 13:54
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.96		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-02 Date Collected: 12/08/22 09:40

Client ID: JS-GW-7 Date Received: 12/08/22

Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434 Field Prep: Not Specified

Sample Depth:

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

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-02 Date Collected: 12/08/22 09:40

Client ID: JS-GW-7 Date Received: 12/08/22

Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	117		70-130

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-03 D
Client ID: JS-GW-1
Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434

Date Collected: 12/08/22 10:35
Date Received: 12/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/14/22 14:19
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	620		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-03 D Date Collected: 12/08/22 10:35

Client ID: JS-GW-1 Date Received: 12/08/22

Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	5.3	J	ug/l	12	3.5	5
Xylenes, Total	5.3	J	ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
1,2-Dichloroethene, Total	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	ND		ug/l	12	3.5	5

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-03 D
Client ID: JS-GW-1
Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434

Date Collected: 12/08/22 10:35
Date Received: 12/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	4.1	J	ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	ND		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	ND		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-04 D
Client ID: JS-GW-1-DUP
Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434

Date Collected: 12/08/22 10:40
Date Received: 12/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/16/22 05:02
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	550		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-04 D
Client ID: JS-GW-1-DUP
Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434

Date Collected: 12/08/22 10:40
Date Received: 12/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	4.4	J	ug/l	12	3.5	5
Xylenes, Total	4.4	J	ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
1,2-Dichloroethene, Total	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	ND		ug/l	12	3.5	5

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-04 D
Client ID: JS-GW-1-DUP
Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434

Date Collected: 12/08/22 10:40
Date Received: 12/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	3.5	J	ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	ND		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	ND		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-05
Client ID: TRIP BLANK
Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434

Date Collected: 12/07/22 00:00
Date Received: 12/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/14/22 13:05
Analyst: PID

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

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-05 Date Collected: 12/07/22 00:00

Client ID: TRIP BLANK Date Received: 12/08/22

Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434 Field Prep: Not Specified

Sample Depth:

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

Project Name: JS ROCHDALE **Lab Number:** L2269005

Project Number: JS ROCHDALE **Report Date:** 12/21/22

SAMPLE RESULTS

Lab ID: L2269005-05 Date Collected: 12/07/22 00:00

Client ID: TRIP BLANK Date Received: 12/08/22

Sample Location: 165-58 BARSLEY BLVD, QUEENS, NY 11434 Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	120		70-130

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE
Lab Number: L2269005
Report Date: 12/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/14/22 08:36
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1723441-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE
Lab Number: L2269005
Report Date: 12/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/14/22 08:36
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1723441-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE
Lab Number: L2269005
Report Date: 12/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/14/22 08:36
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1723441-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	118		70-130

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE
Lab Number: L2269005
Report Date: 12/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/15/22 21:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1724269-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE
Lab Number: L2269005
Report Date: 12/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/15/22 21:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1724269-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE
Lab Number: L2269005
Report Date: 12/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/15/22 21:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1724269-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	114		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2269005
Report Date: 12/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1723441-3 WG1723441-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	95		100		70-130	5		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	79		81		63-130	3		20
1,1,2-Trichloroethane	80		84		70-130	5		20
Tetrachloroethene	98		100		70-130	2		20
Chlorobenzene	99		100		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		93		70-130	7		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	91		93		67-130	2		20
trans-1,3-Dichloropropene	82		86		70-130	5		20
cis-1,3-Dichloropropene	90		97		70-130	7		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	77		79		54-136	3		20
1,1,2,2-Tetrachloroethane	85		87		67-130	2		20
Benzene	100		100		70-130	0		20
Toluene	96		98		70-130	2		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	120		120		64-130	0		20
Bromomethane	97		97		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JS ROCHDALE

Project Number: JS ROCHDALE

Lab Number: L2269005

Report Date: 12/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1723441-3 WG1723441-4								
Vinyl chloride	100		110		55-140	10		20
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	97		98		70-130	1		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	99		100		70-130	1		20
Methyl tert butyl ether	83		87		63-130	5		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	96		100		70-130	4		20
1,2,3-Trichloropropane	84		87		64-130	4		20
Acrylonitrile	110		100		70-130	10		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	100		99		58-148	1		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	81		89		63-138	9		20
Vinyl acetate	92		97		70-130	5		20
4-Methyl-2-pentanone	76		83		59-130	9		20
2-Hexanone	88		98		57-130	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2269005
Report Date: 12/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1723441-3 WG1723441-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	84		87		70-130	4		20
1,3-Dichloropropane	85		88		70-130	3		20
1,1,1,2-Tetrachloroethane	84		87		64-130	4		20
Bromobenzene	98		100		70-130	2		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	100		110		70-130	10		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	82		86		41-144	5		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	82		88		70-130	7		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	90		95		70-130	5		20
1,2,4-Trichlorobenzene	89		94		70-130	5		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	86		80		56-162	7		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JS ROCHDALE

Project Number: JS ROCHDALE

Lab Number: L2269005

Report Date: 12/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1723441-3 WG1723441-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	80		85		70-130	6		20
Ethyl ether	93		100		59-134	7		20
trans-1,4-Dichloro-2-butene	85		89		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		97		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	104		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: JS ROCHDALE

Project Number: JS ROCHDALE

Lab Number: L2269005

Report Date: 12/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1724269-3 WG1724269-4								
Methylene chloride	120		110		70-130	9		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		91		70-130	9		20
Carbon tetrachloride	88		89		63-132	1		20
1,2-Dichloropropane	97		96		70-130	1		20
Dibromochloromethane	68		72		63-130	6		20
1,1,2-Trichloroethane	80		80		70-130	0		20
Tetrachloroethene	90		91		70-130	1		20
Chlorobenzene	93		95		75-130	2		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	82		82		70-130	0		20
1,1,1-Trichloroethane	91		91		67-130	0		20
Bromodichloromethane	82		84		67-130	2		20
trans-1,3-Dichloropropene	78		76		70-130	3		20
cis-1,3-Dichloropropene	88		90		70-130	2		20
1,1-Dichloropropene	97		94		70-130	3		20
Bromoform	69		69		54-136	0		20
1,1,2,2-Tetrachloroethane	80		87		67-130	8		20
Benzene	100		97		70-130	3		20
Toluene	91		93		70-130	2		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	110		110		64-130	0		20
Bromomethane	93		94		39-139	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JS ROCHDALE

Project Number: JS ROCHDALE

Lab Number: L2269005

Report Date: 12/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1724269-3 WG1724269-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	92		91		70-130	1		20
1,2-Dichlorobenzene	93		98		70-130	5		20
1,3-Dichlorobenzene	96		98		70-130	2		20
1,4-Dichlorobenzene	93		97		70-130	4		20
Methyl tert butyl ether	81		80		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	95		92		70-130	3		20
1,2,3-Trichloropropane	83		86		64-130	4		20
Acrylonitrile	100		100		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	97		99		36-147	2		20
Acetone	98		110		58-148	12		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	80		91		63-138	13		20
Vinyl acetate	90		85		70-130	6		20
4-Methyl-2-pentanone	80		88		59-130	10		20
2-Hexanone	89		97		57-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JS ROCHDALE

Project Number: JS ROCHDALE

Lab Number: L2269005

Report Date: 12/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1724269-3 WG1724269-4								
Bromochloromethane	98		100		70-130	2		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	81		77		70-130	5		20
1,3-Dichloropropane	83		83		70-130	0		20
1,1,1,2-Tetrachloroethane	76		78		64-130	3		20
Bromobenzene	91		95		70-130	4		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	99		100		70-130	1		20
o-Chlorotoluene	98		100		70-130	2		20
p-Chlorotoluene	97		100		70-130	3		20
1,2-Dibromo-3-chloropropane	81		82		41-144	1		20
Hexachlorobutadiene	96		98		63-130	2		20
Isopropylbenzene	98		100		70-130	2		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	89		84		70-130	6		20
n-Propylbenzene	110		98		69-130	12		20
1,2,3-Trichlorobenzene	80		86		70-130	7		20
1,2,4-Trichlorobenzene	81		84		70-130	4		20
1,3,5-Trimethylbenzene	99		100		64-130	1		20
1,2,4-Trimethylbenzene	97		100		70-130	3		20
1,4-Dioxane	110		104		56-162	6		20
p-Diethylbenzene	99		100		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JS ROCHDALE

Project Number: JS ROCHDALE

Lab Number: L2269005

Report Date: 12/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1724269-3 WG1724269-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	76		78		70-130	3		20
Ethyl ether	100		97		59-134	3		20
trans-1,4-Dichloro-2-butene	78		82		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		89		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	103		98		70-130

Project Name: JS ROCHDALE
Project Number: JS ROCHDALE

Lab Number: L2269005
Report Date: 12/21/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2269005-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-02A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-02B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-02C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-03A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-03B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-03C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-04A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-04B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-04C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-05A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2269005-05B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	JS ROCHDALE	**Lab Number:**	L2269005
Project Number:	JS ROCHDALE	**Report Date:**	12/21/22

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	JS ROCHDALE	**Lab Number:**	L2269005
Project Number:	JS ROCHDALE	**Report Date:**	12/21/22

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	JS ROCHDALE	**Lab Number:**	L2269005
Project Number:	JS ROCHDALE	**Report Date:**	12/21/22

Data Qualifiers

Identified Compounds (TICs).

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	JS ROCHDALE	**Lab Number:**	L2269005
Project Number:	JS ROCHDALE	**Report Date:**	12/21/22

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 1 of 1

Date Rec'd in Lab: 12/8/22

ALPHA Job #: L2269005

Client Information
Client: Tenen ENV LLC
Address: 121 W 27th St, NY NY 10001
Phone: 646-606-2332
Fax:
Email: mahmed@tenen-env.com

Project Information
Project Name: JS Rochdale
Project Location: 165-58 Baisley Blvd, Queens, NY 11434
Project #
(Use Project name as Project #) [X]
Project Manager: M.Ahmed.
ALPHAQuote #:

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

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

Billing Information
[ ] Same as Client Info
PO #

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

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

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Sample Specific Comments	Total Bottle
69005-01	JS-GW-35	12/8/22		GW		X		3
-02	JS-GW-7	12/8/22		GW		X		3
-03	JS-GW-1	12/8/22		GW		X		3
-04	JS-GW-1_DUP	12/8/22		GW		X		3
-05	Trip Blank	12/8/22		BQ		X		2

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

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

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

Container Type	V								
Preservative	B								

Relinquished By:	Date/Time	Received By:	Date/Time
	12/8/22 1330		12/8/22 1330
	12/8/22 1740		12/8/22 19:30
	12/8/22 2135		12/8/22 2135
	12/8/22 2325		12/8/22 2325

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

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

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC ANALYSES

VOLATILES BY GC/MS METHOD 8260C and 8260D

For Groundwater Samples Collected
June 2022, September 2022, and December 2022
From JS Rochdale
Jamaica, Queens, New York

Collected by Tenen Environmental

SAMPLE DELIVERY GROUP NUMBERS:
L2233040, L2251822, L2269005

BY ALPHA ANALYTICAL (ELAP #11148)

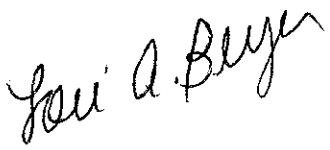
SUBMITTED TO:

Ms. Ashely Platt
Tenen Environmental
121 West 27th Street, Suite 702
New York, NY 10001

June 05, 2023

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731



(516) 523-7891; email LABValidation@aol.com

JS Rochdale, Jamaica, Queens, New York
Groundwater Data Usability Summary Report (Data Validation)
Sampling and Analysis – June 2022, September 2022, and December 2022 Sampling Events.
Analysis for Volatile Organics

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Data Qualifier Definitions
Sample Receipt

1.0 Volatile Organics by GC/MS SW846 Method 8260C and 8260D
- 1.1 Holding Time
- 1.2 System Monitoring Compound (Surrogate) Recovery
- 1.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD)
- 1.4 Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)
- 1.5 Blank Contamination
- 1.6 GC/MS Instrument Performance Check (Tuning)
- 1.7 Initial and Continuing Calibrations
- 1.8 Internal Standards
- 1.9 Field Duplicates
- 1.10 Target Compound List Identification
- 1.11 Non-Target Compounds (TICs)
- 1.12 Compound Quantification and Reported Detection Limits
- 1.13 Overall System Performance

APPENDICES:
A. Chain of Custody Documents and Sample Receipt Checklists
B. Case Narratives
C. Validated Form I's with Qualifications

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

A validation was performed on groundwater samples and the associated quality control samples (Field Duplicates, Matrix Spikes/Matrix Spike Duplicate, Field Blank and Trip Blanks) for organic analysis for samples collected under chain of custody documentation by Tenen Environmental and submitted to Alpha Analytical for subsequent analysis. This report contains the laboratory and validation results for the field samples itemized below. the analysis was performed in accordance with requested tests per the chain of custody documents.

The samples were analyzed by Alpha Analytical, utilizing SW846 Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing for groundwater samples consisted of Volatile Organics. The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic Data Review and EPA Region II SOP for 8260 and in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

The data validation report pertains to the following groundwater samples:

Sample ID	Lab ID	Analysis	Date Collected/ Received
JS-GW-7_20230621	L2233040-01	Volatiles by 8260C	06/21/2022 06/22/2022
JS-GW-3S_20220621	L2233040-02	Volatiles by 8260C	06/21/2022 06/22/2022
JS-GW-1_20230621	L2233040-03	Volatiles by 8260C	06/21/2022 06/22/2022
JS-GW-1-DUP_20220621	L2233040-04	Volatiles by 8260C	06/21/2022 06/22/2022
Trip Blank	L2233040-05	Volatiles by 8260C	06/21/2022 06/22/2022
MW-3S [Plus, MS/MSD]	L2251822-01	Volatiles by 8260C	09/21/2022
MW-7	L2251822-02	Volatiles by 8260C	09/21/2022
MW-1	L2251822-03	Volatiles by 8260C	09/21/2022
MW-1_DUP	L2251822-04	Volatiles by 8260C	09/21/2022
Field Blank	L2251822-05	Volatiles by 8260C	09/21/2022
Trip Blank	L2251822-06	Volatiles by 8260C	09/21/2022
JS-GW-3S	L2269005-01	Volatiles by 8260D	12/08/2022
JS-GW-7	L2269005-02	Volatiles by 8260D	12/08/2022
JS-GW-1	L2269005-03	Volatiles by 8260D	12/08/2022
JS-GW-1-DUP	L2269005-04	Volatiles by 8260D	12/08/2022
Trip Blank	L2269005-05	Volatiles by 8260D	12/07/2022

Data Qualifier Definitions:
The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

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

R - The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

D - Analyte concentration is from diluted analysis.

Sample Receipt:
The Chain of Custody document indicates that the samples were received at Alpha Analytical via laboratory courier upon completion of the sampling events. Sample login notes were generated. The cooler temperature for the sample receipts were recorded upon receipt and determined to be acceptable (<6.0 degrees C). The actual temperatures (3.5/3.4/3.1 degrees C) is recorded on the sample receipt checklists provided in Appendix A of this report. No unresolved problems and/or discrepancies were noted, consequently, the integrity of the samples has been assumed to be good.

The data summary Form I's included in Appendix C includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by GC/MS SW846 Method 8260C and 8260D

The following method criteria were reviewed: holding times, SMCs, MS, MSD, LCS, Laboratory Spiked Blanks, Field Duplicate, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results are valid and usable except for non-detects in all samples for 1,4-Dioxane due to low calibration responses as noted within the following text:

1.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

Samples were analyzed within the Method required holding times as well as the technical holding times for data validation of 14 days from collection for HCL preserved vials. No data validation qualifiers were required based upon holding time or sample preservation.

1.2 System Monitoring Compound (Surrogate) Recovery

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) for Dibromofluoromethane, 1,2-Dichloroethane-d4, Toluene-d8 and 4-Bromofluorobenzene were found to be within acceptable limits for surrogate compounds for all analyses.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

MS/MSD analysis was performed on MW-3S (09/21/2023). No target analytes were detected in the parent sample. Spike recovery met acceptance criteria for all compounds. No qualifiers were applied.

The National Functional Guidelines and EPA Region 2 SOPs state that "No qualifications to the data are necessary based on MS data alone."

1.4 Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)
The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/LCS Duplicates were analyzed for each sequence. Recovery and RPD met acceptance criteria for all spiked analytes with exceptions noted below:

LCS/LCS Duplicate associated with JS-GW-7_20230621, JS-GW-3S_202206321, Trip Blank, JS_GW-1_20220621, and JS-GW-1-DUP_2022061 yielded Vinyl Acetate (140%/150%), and 2,2-Dichloropropane (140%/140%) above laboratory limits. No qualifiers are required. These target compounds were not detected in corresponding field samples analyzed with this batch.

RPD for all LCS/LCS Duplicate pairs were <30%.

1.5 Blank Contamination
Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone, and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**

No target analytes were detected in the method blanks.

B) **Field Blank Contamination:**

No target analytes were detected in the Field Blank (09/21/2022).

C) **Trip Blank Contamination:**

No target analytes were detected in Trip Blanks.

1.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency for Bromofluorobenzene (BFB) for all analyses.

1.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can produce acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J." All non-detects for that compound in the corresponding samples will be rejected, "R." Method 8260 allows for a minimum response factor of 0.1 for Acetone and 2-Butanone. Validation criteria allows response factor to be /=>0.01 for poor responders (Acetone, MEK, Carbon Disulfide, Chloroethane, Chloromethane, Cyclohexane, 1,2-Dibromoethane, Dichlorodifluoromethane, cis-1,2-Dichloroethene, 1,2-Dichloropropane, 1,2-Dibromo-3-chloropropane, Isopropylbenzene, Methyl Acetate, Methylene Chloride, Methylcyclohexane, MTBE, trans-1,2-Dichloroethene, 4-Methyl-2-Pentanone, 2-Hexanone, Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane.

Response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) and (>/= 0.01 for poor responders) and minimum response criteria in Method 8260 for the initial and continuing calibrations for all reported analytes except for 1,4-Dioxane (0.001). 1,4-Dioxane non-detects have been rejected in all samples.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors.

For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ." If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R," unusable. Additionally, in cases where the %RSD is >20% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists. Initial Calibration Verification (ICV) must meet 30% criteria. Poor responders must be </= 40%.

ICVs:

Bromomethane (30.1%) was above limits in the ICV associated with JS-GW-7_20220621, JS-GW-3S_20220621, Trip Blank (06/21/2022), JS-GW-1_20220621, and JS-GW-1-DUP_20220621. Non-detects have been qualified, "UJ."

Dichlorodifluoromethane (43.8%), Carbon Disulfide (53.0%), and Vinyl Acetate (41.1%) was above limits in the ICV associated with JS-GW-3S, JS-GW-7, JS-GW-1, Trip Blank (12/07/2022), and JS-GW-1-DUP. Non-detects have been qualified, "UJ."

*Method 8260 allows for several analytes to be outside requirements due to the large number of compounds.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) and (40% for poor responders) for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) and (40% for poor responders) for all reported compounds except as noted below:

CCAL VOA105 07/01/2022: Bromomethane – 47.8% (previously qualified due to ICV), Vinyl Acetate – 38.9%, 2,2-Dichloropropane – 39.9%, Bromoform – 20.8%, Naphthalene – 27.4%, 1,2,3-Trichlorobenzene – 21.7%; "J/UJ" results in JS-GW-7_20220621, JS-GW-3S_20220621, Trip Blank (06/21/2022), JS-GW-1_20220621, and JS-GW-1-DUP_20220621.

CCAL VOA101 10/02/2022 – Bromomethane – 51.9%; "UJ" non-detects in Trip Blank (9/21/2022), Field Blank (9/21/2022), MW-3S, MW-7, MW-1, and MW-1_DUP.

CCAL VOA122 12/14/2022 – Bromoform – 23.4%; "UJ" non-detects in JS-GW-3S, JS-GW-7, JS-GW-1 and Trip Blank (12/07/2022).

CCAL VOA122 12/15/2022 – Bromoform – 31.0%, 1,1,2,2-Tetrachloroethane – 20/2%, 1,1,1,2-Tetrachloroethane -24.2%, trans-1,4-Dicloro-2-butene – 22.3%, 1,2,4,5-Tetramethylbenzene – 23.7^%, and 1,2,3-Trichlorobenzene – 20.5%; "UJ" non-detects in JS-GW-1-DUP.

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity. If an internal standard retention time

varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Samples were spiked with the internal standards Fluorobenzene, Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 prior to sample analysis. The area responses and retention time of each internal standard met QC criteria in all samples.

1.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples.

An acceptable RPD is 25% as documented in EPA Region 2 SOP HW33. Professional judgment is utilized for analytes that demonstrate a high percent difference.

Field duplicate analysis was collected on samples designated below:

JS-GW-1-20220621 = JS-GW-1-DUP_20220621: Acceptable precision was obtained for detected analytes Tetrachloroethene (150 ug/L vs. 140 ug/L), m+p-Xylene (6.8 ug/L vs. 10 ug/L), o-Xylene (25 ug/L vs 36 ug/L), Total Xylene (32 ug/L vs 46 ug/L), n-Butylbenzene (1.4 ug/L vs 1.8 ug/L), sec-Butylbenzene (1.5 ug/L vs 2.0 ug/L), Isopropylbenzene (2.3 ug/L vs 3.4 ug/L), Naphthalene (12 ug/L vs 16 ug/L), 1,3,5-Trimethylbenzene (7.1 ug/L vs 11 ug/L), 1,2,4-Trimethylbenzene (19 ug/L vs 29 ug/L), p-Ethyl toluene (11 ug/L vs. 17 ug/L),and 1,2,4,5-Tetramethylbenzne (5.1 ug/L vs 6.9 ug/L. No qualifiers were applied.

MW-1 = MW-1_DUP (09/21/2022): Precision is determined to be acceptable for Tetrachloroethene (16 ug/L vs 23 ug/L),

M+p-Xylene (3.5 ug/L vs 1.7 ug/L), o-Xylene (11 ug/L vs. 5.1 ug/L), Total Xylenes (15 ug/L vs 6.8 ug/L) have been qualified, "J" in the parent and field duplicate.

Low concentrations of n-Butylbenzene (0.71 ug/L), sec-Butylbenzene (0.96 ug/L), and Isopropylbenzene (1.2 ug/L) were detected in the parent and not in the field duplicate. Detections are less than the reporting limits and qualified, "J" by the laboratory. No additional qualifiers were applied for these compounds.

Naphthalene (5.8 ug/L vs. 3.0 ug/L), 1,2,4-Trimethylbenzene (8.8 ug/L vs. 4.0 ug/L), 1,3,5-Trimethylbenzene (3.4 ug/L vs 1.5 ug/L), p-Ethyl toluene (5.1 ug/L vs 2.3 ug/L), and 1,2,4,5-Tetramethylbenzene (3.0 ug/L vs 1.2 ug/L) have been qualified, "J" in the parent and field duplicate due to elevated RPD.

JS-GW-1 = JS-GW-1-DUP (12/08/2022): Both the parent and field duplicate were analyzed at 1:5 dilutions. There is potential that lower-level hits were lost in sample dilution. Dilutions were determined to be acceptable to obtain raw Tetrachloroethene concentrations within the instruments' linear calibration range. Acceptable precision was obtained for detected analyte Tetrachloroethene (620 ug/L vs 550 ug/L). Additionally, precision is also acceptable for detected analytes o-Xylene (5.3 ug/L vs. 4.4 ug/L, Total Xylene (5.3 ug/L vs 4.4 ug/L), and 1,2,4-Trimethylbenzene (4.1 ug/L vs 3.5 ug/L). No qualifiers were applied.

1.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectrum

which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. Retention times were within required specifications.

1.11 Tentatively Identified Compounds (TICs)

TICs were not required for these sampling events. When detected the identification must be considered tentative (both quantitative and qualitative) due to the lack of required compound specific response factors. Consequently, all concentrations should be considered estimated, "J" due to the qualitative uncertainty should be qualified, "N" where an identification has been made.

TICS were not required. Sample chromatograms for several samples demonstrate non-target presence.

1.12 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is acceptable. Correct internal standards per SW846 and response factors were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP).

Samples were analyzed undiluted at 10mls except for JS-GW-1 and JW-GW-1-DUP (12/08/2022) which was performed at 1:5 dilution. Analyte detection of Tetrachloroethene supports the dilution that was required. Reporting limits have been adjusted accordingly. Potentially lower-level detections were lost in sample dilution. Analysis is acceptable.

1.13 Overall System Performance

Good resolution and chromatographic performance were observed.

Reviewer's Signature Lou A. Barr **Date** 06/05/2023

Appendix A
Chain of Custody Documents
And Sample Receipt Checklists

ALPHA

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

NEW YORK CHAIN OF CUSTODY

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/22/22

ALPHA Job #: L2233040

Project Information

Project Name: JS Rockville
Project Location: Jamaica, Queens, NY
Project #:
(Use Project name as Project #) ☒
Project Manager: Mohammed Ahmed
ALPHAQuote #:

Turn-Around Time

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

Client Information

Client: Tenen Environmental
Address: 121 W 27th Street
NY NY 10001
Phone: 646-606-2332
Fax: [illegible]
Email: [illegible]

Deliverables

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

Regulatory Requirement

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

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS: 8260 VOC

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8260 VOC	Sample Specific Comments
33040-01	JS-GW-7-20220621	6/21/22	1000	W	CZ	X	
-02	JS-GW-3-20220621	6/21/22	1100	W	CZ	X	
-03	JS-GW-1-20220621	6/21/22	1240	W	CZ	X	
-04	JS-GW-1-DUP-20220621	6/21/22	1245	W	CZ	X	
-05	TRIP BLANK	—	—	W	—	X	

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

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

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

Container Type: V
Preservative: B

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	6/22/22 1000	[illegible] AAL	6/22/22 [illegible]
[illegible] AAL	6/22/22 1125	Paul Mazzella	6/22/22 [illegible]
Paul Mazzella	6/22/22 [illegible]	[illegible]	6/22/22 2245

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

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

ALPHA

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

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

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

Page 1 of 1

Date Rec'd in Lab: 9/21/22

ALPHA Job #: L2251822

Project Information
Project Name: JS Rockdale
Project Location: 165-50 Baisley Blvd, Queens, NY
Project #
(Use Project name as Project #) [X]
Project Manager: M. Ahmed
ALPHAQuote #:

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

Client Information
Client: Tenen Env LLC
Address: 121 W 27th St, NY NY 10001
Phone: 646 606 2332
Fax:
Email: mahmed@tenen-env.com

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

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

Billing Information
[ ] Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha [ ]
Other project specific requirements/comments:

Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: VOCs	Sample Specific Comments	Total Bottles
51822-01	MW-3S	9/21/22	0810	GW	HPL	X		3
-01	MW-3S_MS	9/21/22	0815	GW	HPL	X		3
-01	MW-3S_MSD	9/21/22	0820	GW	HPL	X		3
-02	MW-7	9/21/22	0940	GW	HPL	X		3
-03	MW-1	9/21/22	1055	GW	HPL	X		3
-04	MW-1_DUP	9/21/22	1100	GW	HPL	X		3
-05	Field Blank	9/21/22	0760	AQ	HPL	X		3
-06	Trip Blank	9/21/22		AQ		X		2

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

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

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

	VOCs
Container Type	V
Preservative	B

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	9/22/21	[signature]	9/21/22 13
[signature]	9/21/22 16:50	Paul Marzella	9/21/22 1710
Paul Marzella	9/21/22	[signature]	
[signature]	9/21/22	[signature]	9/21/22 2230

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/8/22

ALPHA Job #: L2260905

Client Information

Client: Tenen Env LLC
Address: 121 W 27th St, Fl, NY NY 10001
Phone: 646-606-7382
Fax:
Email: mahmed@tenenenv.com

Project Information

Project Name: JS Rochdale
Project Location: 165-58 Baisley Blvd, Queens, NY 11434
Project #:
(Use Project name as Project #) [X]
Project Manager: M. Ahmed
ALPHAQuote #:

Turn-Around Time

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

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

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

Regulatory Requirement

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

Billing Information

[ ] Same as Client Info
PO #

Disposal Site Information

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

ANALYSIS

TCLS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCLS	Sample Specific Comments	Pellets
L2260905-01	JS-GW-35	12/8/22		GW		X		3
-02	JS-GW-1	12/8/22		GW		X		3
-03	JS-GW-1	12/8/22		GW		X		3
-04	JS-GW-1-DUP	12/8/22		GW		X		3
-05	Trip Blank	12/8/22		A2		X		2

Container Type: V
Preservative: B

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	12/8/22 1715		12/8/22 1930
	12/8/22 2135		12/8/22 2135
	12/8/22 2325		12/9/22 0325

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

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

Sample Delivery Group Summary

Alpha Job Number : L2233040

Account Name : Tenen Environmental, LLC
Project Number : JS ROCHELLE
Project Name : JS ROCHELLE

Received : 22-JUN-2022
Reviewer : Monique Irving

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.5	

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between sample labels & COC? L2233040-02: JS-GW-3_20220621 vs. JS-GW-3S_20220621	YES
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis?	YES
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	NA

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NO

Sample Delivery Group Summary

Alpha Job Number : L2251822

Account Name : Tenen Environmental, LLC
Project Number : JS ROCHDALE
Project Name : JS ROCHDALE

Received : 21-SEP-2022
Reviewer : Monique Irving

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.4	

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between sample labels & COC?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis? Following containers were received with headspace: -01B	NO
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	NA

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NO

Sample Delivery Group Summary

Alpha Job Number : L2269005

Account Name : Tenen Environmental, LLC
Project Number : JS ROCHDALE
Project Name : JS ROCHDALE

Received : 08-DEC-2022
Reviewer : Mohammed Wahed

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.1	

Condition Information

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

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NO

Appendix B
Case Narratives

Project Name:	JS ROCHELLE	**Lab Number:**	L2233040
Project Number:	JS ROCHELLE	**Report Date:**	07/07/22

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2233040-02: The sample identified as "JS-GW-3_20220621" on the chain of custody was identified as "JS-GW-3S_20220621" on the container label. At the client's request, the sample is reported as "JS-GW-3S_20220621".

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

Authorized Signature: Caitlin Wallstein Report Date: 07/07/22

Title: Technical Director/Representative

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Tiffani Morrissey Report Date: 10/04/22

Title: Technical Director/Representative

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2269005-01 through -05: The collection time was obtained from the container labels.

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

Authorized Signature: Tiffani Morrissey Report Date: 12/21/22

Title: Technical Director/Representative

Appendix C
Data Summary Form 1's
With Qualifications

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-01	Date Collected	: 06/21/22 10:00
Client ID	: JS-GW-7_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A22	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	0.74	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

6/1/2023

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-01	Date Collected	: 06/21/22 10:00
Client ID	: JS-GW-7_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A22	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

6/17/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-01	Date Collected	: 06/21/22 10:00
Client ID	: JS-GW-7_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A22	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	~~U~~ UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

for 5/31/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-01	Date Collected	: 06/21/22 10:00
Client ID	: JS-GW-7_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A22	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-02	Date Collected	: 06/21/22 11:00
Client ID	: JS-GW-3S_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A23	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

6/11/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-02	Date Collected	: 06/21/22 11:00
Client ID	: JS-GW-3S_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A23	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	Results (ug/L)	RL (ug/L)	MDL (ug/L)	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

JOR 6/12/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-02	Date Collected	: 06/21/22 11:00
Client ID	: JS-GW-3S_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A23	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	~~U~~ UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

for 7/31/2022

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-02	Date Collected	: 06/21/22 11:00
Client ID	: JS-GW-3S_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A23	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-03	Date Collected	: 06/21/22 12:40
Client ID	: JS-GW-1_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 16:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A25	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	150	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-03	Date Collected	: 06/21/22 12:40
Client ID	: JS-GW-1_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 16:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A25	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	6.8	2.5	0.70	
95-47-6	o-Xylene	25	2.5	0.70	
1330-20-7	Xylenes, Total	32	2.5	0.70	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

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ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-03	Date Collected	: 06/21/22 12:40
Client ID	: JS-GW-1_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 16:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A25	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	1.4	2.5	0.70	J
135-98-8	sec-Butylbenzene	1.5	2.5	0.70	J
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	2.3	2.5	0.70	J
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	12	2.5	0.70	J
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	~~U~~ UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	7.1	2.5	0.70	
95-63-6	1,2,4-Trimethylbenzene	19	2.5	0.70	
123-91-1	1,4-Dioxane	ND	250	61.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	11	2.0	0.70	
95-93-2	1,2,4,5-Tetramethylbenzene	5.1	2.0	0.54	
60-29-7	Ethyl ether	ND	2.5	0.70	U

for 7/31/2023

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-03	Date Collected	: 06/21/22 12:40
Client ID	: JS-GW-1_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 16:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A25	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-04	Date Collected	: 06/21/22 12:45
Client ID	: JS-GW-1-DUP_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 17:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A26	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	140	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

JDR 6/11/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-04	Date Collected	: 06/21/22 12:45
Client ID	: JS-GW-1-DUP_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 17:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A26	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	10	2.5	0.70	
95-47-6	o-Xylene	36	2.5	0.70	
1330-20-7	Xylenes, Total	46	2.5	0.70	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

6/14/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-04	Date Collected	: 06/21/22 12:45
Client ID	: JS-GW-1-DUP_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 17:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A26	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	1.8	2.5	0.70	J
135-98-8	sec-Butylbenzene	2.0	2.5	0.70	J
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	3.4	2.5	0.70	
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	16	2.5	0.70	J
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	11	2.5	0.70	
95-63-6	1,2,4-Trimethylbenzene	29	2.5	0.70	
123-91-1	1,4-Dioxane	ND	250	61.	U R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	17	2.0	0.70	
95-93-2	1,2,4,5-Tetramethylbenzene	6.9	2.0	0.54	
60-29-7	Ethyl ether	ND	2.5	0.70	U

for 7/3/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-04	Date Collected	: 06/21/22 12:45
Client ID	: JS-GW-1-DUP_20220621	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 17:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A26	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-05	Date Collected	: 06/21/22 00:00
Client ID	: TRIP BLANK	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 16:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A24	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U → UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U → UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

6/11/2023

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-05	Date Collected	: 06/21/22 00:00
Client ID	: TRIP BLANK	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 16:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A24	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U → UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

6/12/2023

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-05	Date Collected	: 06/21/22 00:00
Client ID	: TRIP BLANK	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 16:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A24	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	~~U~~ UJ
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

for 7/31/2022

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2233040
Project Name	: JS ROCHELLE	Project Number	: JS ROCHELLE
Lab ID	: L2233040-05	Date Collected	: 06/21/22 00:00
Client ID	: TRIP BLANK	Date Received	: 06/22/22
Sample Location	: JAMAICA, QUEENS, NY	Date Analyzed	: 07/01/22 16:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: V05220701A24	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-01	Date Collected	: 09/21/22 08:10
Client ID	: MW-3S	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 21:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A22	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

for 6/21/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-01	Date Collected	: 09/21/22 08:10
Client ID	: MW-3S	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 21:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A22	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-01	Date Collected	: 09/21/22 08:10
Client ID	: MW-3S	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 21:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A22	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

for 5/3/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-01	Date Collected	: 09/21/22 08:10
Client ID	: MW-3S	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 21:35
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A22	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-02	Date Collected	: 09/21/22 09:40
Client ID	: MW-7	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 21:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A23	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	0.94	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

for 6/12/2023

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-02	Date Collected	: 09/21/22 09:40
Client ID	: MW-7	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 21:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A23	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-02	Date Collected	: 09/21/22 09:40
Client ID	: MW-7	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 21:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A23	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

for 5/31/2023

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-02	Date Collected	: 09/21/22 09:40
Client ID	: MW-7	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 21:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A23	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-03	Date Collected	: 09/21/22 10:55
Client ID	: MW-1	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 22:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A24	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	16	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

10/6/2022

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-03	Date Collected	: 09/21/22 10:55
Client ID	: MW-1	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 22:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A24	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	3.5	2.5	0.70	J
95-47-6	o-Xylene	11	2.5	0.70	J
1330-20-7	Xylenes, Total	15	2.5	0.70	J
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

10/7/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-03	Date Collected	: 09/21/22 10:55
Client ID	: MW-1	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 22:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A24	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	0.71	2.5	0.70	J
135-98-8	sec-Butylbenzene	0.96	2.5	0.70	J
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	1.2	2.5	0.70	J
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	5.6	2.5	0.70	J
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	3.4	2.5	0.70	J
95-63-6	1,2,4-Trimethylbenzene	8.8	2.5	0.70	J
123-91-1	1,4-Dioxane	ND	250	61.	U R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	5.1	2.0	0.70	J
95-93-2	1,2,4,5-Tetramethylbenzene	3.0	2.0	0.54	J
60-29-7	Ethyl ether	ND	2.5	0.70	U

5/31/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-03	Date Collected	: 09/21/22 10:55
Client ID	: MW-1	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 22:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A24	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-04	Date Collected	: 09/21/22 11:00
Client ID	: MW-1_DUP	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 22:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A25	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	23	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

for 6/12/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-04	Date Collected	: 09/21/22 11:00
Client ID	: MW-1_DUP	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 22:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A25	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	1.7	2.5	0.70	J
95-47-6	o-Xylene	5.1	2.5	0.70	J
1330-20-7	Xylenes, Total	6.8	2.5	0.70	J
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

for 6/12/2023

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-04	Date Collected	: 09/21/22 11:00
Client ID	: MW-1_DUP	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 22:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A25	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	3.0	2.5	0.70	J
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	1.5	2.5	0.70	J
95-63-6	1,2,4-Trimethylbenzene	4.0	2.5	0.70	J
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	2.3	2.0	0.70	J
95-93-2	1,2,4,5-Tetramethylbenzene	1.2	2.0	0.54	J
60-29-7	Ethyl ether	ND	2.5	0.70	U

for 5/31/2023

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-04	Date Collected	: 09/21/22 11:00
Client ID	: MW-1_DUP	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 22:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A25	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-05	Date Collected	: 09/21/22 07:40
Client ID	: FIELD BLANK	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 16:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

for 6/21/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-05	Date Collected	: 09/21/22 07:40
Client ID	: FIELD BLANK	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 16:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-05	Date Collected	: 09/21/22 07:40
Client ID	: FIELD BLANK	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 16:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

for 5/31/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-05	Date Collected	: 09/21/22 07:40
Client ID	: FIELD BLANK	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 16:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A08	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-06	Date Collected	: 09/21/22 00:00
Client ID	: TRIP BLANK	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 15:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U

for 10/12/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-06	Date Collected	: 09/21/22 00:00
Client ID	: TRIP BLANK	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 15:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-06	Date Collected	: 09/21/22 00:00
Client ID	: TRIP BLANK	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 15:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2251822
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2251822-06	Date Collected	: 09/21/22 00:00
Client ID	: TRIP BLANK	Date Received	: 09/21/22
Sample Location	: 165-50 BAISLEY BLVD, QUEENS, NY	Date Analyzed	: 10/02/22 15:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V01221002A07	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-01	Date Collected	: 12/08/22 09:10
Client ID	: JS-GW-3S	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V22221214A17	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U

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ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-01	Date Collected	: 12/08/22 09:10
Client ID	: JS-GW-3S	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:30
Sample Matrix	: WATER		
Analytical Method	: 1,8260D	Dilution Factor	: 1
Lab File ID	: V22221214A17	Analyst	: LAC
Sample Amount	: 10 ml	Instrument ID	: VOA122
Level	: LOW	GC Column	: RTX-502.2
Extract Volume (MeOH)	: N/A	%Solids	: N/A
		Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	~~U~~ UJ
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	~~U~~ UJ
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U

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ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-01	Date Collected	: 12/08/22 09:10
Client ID	: JS-GW-3S	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V22221214A17	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U

5/31/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-01	Date Collected	: 12/08/22 09:10
Client ID	: JS-GW-3S	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V22221214A17	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-02	Date Collected	: 12/08/22 09:40
Client ID	: JS-GW-7	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V22221214A18	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	0.96	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U

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ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-02	Date Collected	: 12/08/22 09:40
Client ID	: JS-GW-7	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V22221214A18	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	~~U~~ UJ
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	~~U~~ UJ
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-02	Date Collected	: 12/08/22 09:40
Client ID	: JS-GW-7	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V22221214A18	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	U R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-02	Date Collected	: 12/08/22 09:40
Client ID	: JS-GW-7	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:54
Sample Matrix	: WATER		
Analytical Method	: 1,8260D	Dilution Factor	: 1
Lab File ID	: V22221214A18	Analyst	: LAC
Sample Amount	: 10 ml	Instrument ID	: VOA122
Level	: LOW	GC Column	: RTX-502.2
Extract Volume (MeOH)	: N/A	%Solids	: N/A
		Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-03D	Date Collected	: 12/08/22 10:35
Client ID	: JS-GW-1	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 14:19
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V22221214A19	Instrument ID	: VOA122
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	620	2.5	0.90	
108-90-7	Chlorobenzene	ND	12	3.5	U
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
542-75-6	1,3-Dichloropropene, Total	ND	2.5	0.72	U
563-58-6	1,1-Dichloropropene	ND	12	3.5	U
75-25-2	Bromoform	ND	10	3.2	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.84	U
71-43-2	Benzene	ND	2.5	0.80	U
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-03D	Date Collected	: 12/08/22 10:35
Client ID	: JS-GW-1	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 14:19
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V22221214A19	Instrument ID	: VOA122
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	5.0	0.36	U
75-00-3	Chloroethane	ND	12	3.5	U
75-35-4	1,1-Dichloroethene	ND	2.5	0.84	U
156-60-5	trans-1,2-Dichloroethene	ND	12	3.5	U
79-01-6	Trichloroethene	ND	2.5	0.88	U
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U
1634-04-4	Methyl tert butyl ether	ND	12	3.5	U
179601-23-1	p/m-Xylene	ND	12	3.5	U
95-47-6	o-Xylene	5.3	12	3.5	J
1330-20-7	Xylenes, Total	5.3	12	3.5	J
156-59-2	cis-1,2-Dichloroethene	ND	12	3.5	U
540-59-0	1,2-Dichloroethene, Total	ND	12	3.5	U
74-95-3	Dibromomethane	ND	25	5.0	U
96-18-4	1,2,3-Trichloropropane	ND	12	3.5	U
107-13-1	Acrylonitrile	ND	25	7.5	U
100-42-5	Styrene	ND	12	3.5	U
75-71-8	Dichlorodifluoromethane	ND	25	5.0	~~U~~ UJ
67-64-1	Acetone	ND	25	7.3	U
75-15-0	Carbon disulfide	ND	25	5.0	~~U~~ UJ
78-93-3	2-Butanone	ND	25	9.7	U
108-05-4	Vinyl acetate	ND	25	5.0	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U

SGR 6/14/2023

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-03D	Date Collected	: 12/08/22 10:35
Client ID	: JS-GW-1	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 14:19
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V22221214A19	Instrument ID	: VOA122
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
591-78-6	2-Hexanone	ND	25	5.0	U
74-97-5	Bromochloromethane	ND	12	3.5	U
594-20-7	2,2-Dichloropropane	ND	12	3.5	U
106-93-4	1,2-Dibromoethane	ND	10	3.2	U
142-28-9	1,3-Dichloropropane	ND	12	3.5	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	12	3.5	U
108-86-1	Bromobenzene	ND	12	3.5	U
104-51-8	n-Butylbenzene	ND	12	3.5	U
135-98-8	sec-Butylbenzene	ND	12	3.5	U
98-06-6	tert-Butylbenzene	ND	12	3.5	U
95-49-8	o-Chlorotoluene	ND	12	3.5	U
106-43-4	p-Chlorotoluene	ND	12	3.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	U
87-68-3	Hexachlorobutadiene	ND	12	3.5	U
98-82-8	Isopropylbenzene	ND	12	3.5	U
99-87-6	p-Isopropyltoluene	ND	12	3.5	U
91-20-3	Naphthalene	ND	12	3.5	U
103-65-1	n-Propylbenzene	ND	12	3.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	U
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U
108-67-8	1,3,5-Trimethylbenzene	ND	12	3.5	U
95-63-6	1,2,4-Trimethylbenzene	4.1	12	3.5	J
123-91-1	1,4-Dioxane	ND	1200	300	U R
105-05-5	p-Diethylbenzene	ND	10	3.5	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-03D	Date Collected	: 12/08/22 10:35
Client ID	: JS-GW-1	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 14:19
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V22221214A19	Instrument ID	: VOA122
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	ND	10	3.5	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	10	2.7	U
60-29-7	Ethyl ether	ND	12	3.5	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	12	3.5	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-04D	Date Collected	: 12/08/22 10:40
Client ID	: JS-GW-1-DUP	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/16/22 05:02
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22221215N24	Instrument ID	: VOA122
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	550	2.5	0.90	
108-90-7	Chlorobenzene	ND	12	3.5	U
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
542-75-6	1,3-Dichloropropene, Total	ND	2.5	0.72	U
563-58-6	1,1-Dichloropropene	ND	12	3.5	U
75-25-2	Bromoform	ND	10	3.2	U — UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.84	U — UJ
71-43-2	Benzene	ND	2.5	0.80	U
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	U

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ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-04D	Date Collected	: 12/08/22 10:40
Client ID	: JS-GW-1-DUP	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/16/22 05:02
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22221215N24	Instrument ID	: VOA122
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	Results (ug/L)	RL (ug/L)	MDL (ug/L)	Qualifier
75-01-4	Vinyl chloride	ND	5.0	0.36	U
75-00-3	Chloroethane	ND	12	3.5	U
75-35-4	1,1-Dichloroethene	ND	2.5	0.84	U
156-60-5	trans-1,2-Dichloroethene	ND	12	3.5	U
79-01-6	Trichloroethene	ND	2.5	0.88	U
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U
1634-04-4	Methyl tert butyl ether	ND	12	3.5	U
179601-23-1	p/m-Xylene	ND	12	3.5	U
95-47-6	o-Xylene	4.4	12	3.5	J
1330-20-7	Xylenes, Total	4.4	12	3.5	J
156-59-2	cis-1,2-Dichloroethene	ND	12	3.5	U
540-59-0	1,2-Dichloroethene, Total	ND	12	3.5	U
74-95-3	Dibromomethane	ND	25	5.0	U
96-18-4	1,2,3-Trichloropropane	ND	12	3.5	U
107-13-1	Acrylonitrile	ND	25	7.5	U
100-42-5	Styrene	ND	12	3.5	U
75-71-8	Dichlorodifluoromethane	ND	25	5.0	~~U~~ UJ
67-64-1	Acetone	ND	25	7.3	U
75-15-0	Carbon disulfide	ND	25	5.0	~~U~~ UJ
78-93-3	2-Butanone	ND	25	9.7	U
108-05-4	Vinyl acetate	ND	25	5.0	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U

for 6/12/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-04D	Date Collected	: 12/08/22 10:40
Client ID	: JS-GW-1-DUP	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/16/22 05:02
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22221215N24	Instrument ID	: VOA122
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
591-78-6	2-Hexanone	ND	25	5.0	U
74-97-5	Bromochloromethane	ND	12	3.5	U
594-20-7	2,2-Dichloropropane	ND	12	3.5	U
106-93-4	1,2-Dibromoethane	ND	10	3.2	U
142-28-9	1,3-Dichloropropane	ND	12	3.5	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	12	3.5	~~U~~ UJ
108-86-1	Bromobenzene	ND	12	3.5	U
104-51-8	n-Butylbenzene	ND	12	3.5	U
135-98-8	sec-Butylbenzene	ND	12	3.5	U
98-06-6	tert-Butylbenzene	ND	12	3.5	U
95-49-8	o-Chlorotoluene	ND	12	3.5	U
106-43-4	p-Chlorotoluene	ND	12	3.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	U
87-68-3	Hexachlorobutadiene	ND	12	3.5	U
98-82-8	Isopropylbenzene	ND	12	3.5	U
99-87-6	p-Isopropyltoluene	ND	12	3.5	U
91-20-3	Naphthalene	ND	12	3.5	U
103-65-1	n-Propylbenzene	ND	12	3.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	~~U~~ UJ
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U
108-67-8	1,3,5-Trimethylbenzene	ND	12	3.5	U
95-63-6	1,2,4-Trimethylbenzene	3.5	12	3.5	J
123-91-1	1,4-Dioxane	ND	1200	300	~~U~~ R
105-05-5	p-Diethylbenzene	ND	10	3.5	U

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Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-04D	Date Collected	: 12/08/22 10:40
Client ID	: JS-GW-1-DUP	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/16/22 05:02
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22221215N24	Instrument ID	: VOA122
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	ND	10	3.5	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	10	2.7	~~U~~ UJ
60-29-7	Ethyl ether	ND	12	3.5	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	12	3.5	~~U~~ UJ

JSR 6/7/2023

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-05	Date Collected	: 12/07/22 00:00
Client ID	: TRIP BLANK	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V22221214A16	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U → UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U

JAP 6/21/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-05	Date Collected	: 12/07/22 00:00
Client ID	: TRIP BLANK	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V22221214A16	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	~~U~~ UJ
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	~~U~~ UJ
78-93-3	2-Butanone	ND	5.0	1.9	U
108-05-4	Vinyl acetate	ND	5.0	1.0	~~U~~ UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U

for 6/12/2023

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-05	Date Collected	: 12/07/22 00:00
Client ID	: TRIP BLANK	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V22221214A16	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	61.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U

12/31/2022

ALPHA ANALYTICAL

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Tenen Environmental, LLC	Lab Number	: L2269005
Project Name	: JS ROCHDALE	Project Number	: JS ROCHDALE
Lab ID	: L2269005-05	Date Collected	: 12/07/22 00:00
Client ID	: TRIP BLANK	Date Received	: 12/08/22
Sample Location	: 165-58 BARSLEY BLVD, QUEENS, NY 11434	Date Analyzed	: 12/14/22 13:05
Sample Matrix	: WATER		
Analytical Method	: 1,8260D	Dilution Factor	: 1
Lab File ID	: V22221214A16	Analyst	: PID
Sample Amount	: 10 ml	Instrument ID	: VOA122
Level	: LOW	GC Column	: RTX-502.2
Extract Volume (MeOH)	: N/A	%Solids	: N/A
		Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.54	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U