February 4, 2025

Ms. Marnie DeLuke, P.E.
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233

RE: Data Summary Memo – Groundwater, Soil, and Soil Vapor Results
473 President Street Off-Site
NYSDEC Site No. C224220A
473 President Street
Brooklyn, New York
HRP Project No. DEC1035.P2

Dear Ms. DeLuke:

HRP Associates, Inc. (HRP) has prepared this letter to summarize the results of the soil, groundwater, and soil vapor investigations associated with the 473 President Street Off-Site Site Characterization (SC). The investigation activities were performed in the area surrounding three active Brownfield Cleanup Program (BCP) Sites (referred to hereinafter as "the President Street Sites") located on adjoining parcels in the Gowanus neighborhood of Brooklyn, New York. The President Street Sites include 473 President Street (Site No. C224220), the President Street Portfolio (Site No. C224309) which consists of two non-contiguous parcels located at 469 President Street (E Waste Parcel) and 532 Union Street (Pontone Parcel), and 514 Union Street (Site No. C224318). Other BCP sites within and around the study area include the K. Fulton Works Site (Site No. C224051), the 536 Sackett St. Site (Site No. C224222), the Former A&A Brake Service Site (Site No. C224372), the 543 Union Street Site (Site No. C224220B, the 585 Union Street Site (Site No. C224329), and the 318 Nevins Street Site (Site No. C224350). The location of the Sites is depicted on **Figure 1.** The BCP sites and off-site investigation sample locations are depicted on **Figure 2**.

The purpose of the SC is to identify potential impacts to off-site soil vapor and groundwater related to chlorinated volatile organic compound (CVOC) contamination found at the President Street Sites. The remainder of this letter describes the geology and hydrogeology of the study area, SC field activities, and results from the SC sampling. The investigation work described herein was conducted from October 2022 to June 2024. The work was completed in general accordance with the SC Work Plan dated August 29, 2022 and the SC Work Plan Addendum dated September 23, 2022. Information related to the soil vapor intrusion (SVI) sampling conducted for the SC is available in the Site Characterization – Soil Vapor Intrusion Results letter report, dated August 23, 2024. Additional work related to the SC is currently underway and will be included in future reports.

Geology and Hydrogeology

The President Street Sites and surrounding area are relatively flat and lie at an elevation of approximately 12 feet above mean sea level (amsl). Regional topography slopes west towards the Gowanus Canal.

The USGS "Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey" indicate the bedrock underlying the President Street Sites is part of the Hartland Formation, a mica-schist and quartz feldspar granulite. Bedrock was not encountered during the off-site investigation or during any of the investigations conducted within the study area reviewed by HRP. According to the New York State Geologic Map, bedrock is overlain by unconsolidated coastal plain deposits belonging to the Upper Cretaceous Monmouth Group, Matawan Group, and Magothy Formation which consist of silty clay, glauconitic sandy clay, sand, and gravel.

Based on SC soil logging, soils generally consist of fill material overlying native soils. Fill was found extending to depths up to 6 feet below grade (ft bg) and consisted of materials including brick, coal, cinders, concrete, and wood, generally in a sand matrix. Native soils underlying historic fill are fine to coarse sands with varying amounts of silt, clay, and gravel. The United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the Site area as "Urban land, reclaimed substratum." Soil boring logs from the SC are included in **Attachment A**.

During the SC, groundwater was encountered at elevations ranging from 0.66 to 2.85 ft amsl. Groundwater elevation surveys performed on the President Street Sites indicate groundwater flows west-northwest towards the intersections of Union Street and Nevins Street and the Gowanus Canal. Groundwater elevation surveys performed in the off-site study area are generally consistent with the on-site surveys, indicating groundwater flow is to the northwest. Based on measurements recorded by pressure transducer data loggers in off-site monitoring wells, groundwater elevation fluctuates approximately 0.1-0.2 ft per day. The groundwater elevation fluctuations occur in a diurnal sinusoidal pattern indicating that groundwater elevation is tidally influenced; however, based on groundwater elevation surveys, the direction of flow remains consistent during low tide and high tide. Low tide and high tide groundwater elevation contour maps are depicted on **Figures 3A** and **3B**, respectively. Depth to water and groundwater elevation measurements collected from January 2023 through June 2024 are presented on **Table 1**.

Field Activities

Monitoring Well Installation, Development, and Sampling

A total of 10 monitoring wells were installed during the off-site SC. Monitoring well construction details are presented on **Table 2**. HRP-MW-1 was installed on October 17, 2022 as part of the initial phase of groundwater investigation to determine if CVOC groundwater contamination extended off-site. The location for HRP-MW-1 was selected based on the presence of CVOC groundwater contamination on the northwest portion of the President Street Sites, groundwater flow direction, and the presence of residential and commercial properties downgradient (northwest) of the sites. Following the discovery of CVOC groundwater contamination at HRP-MW-1, four additional shallow monitoring wells designated HRP-MW-2, -3, -4, and -5 were installed on January 16-17, 2023 to delineate contamination downgradient and crossgradient of HRP-MW-1. Five additional shallow and deep monitoring wells, HRP-MW-4D, -6S, -6D, -7S, and -7D were installed on April 11-16, 2024 to confirm results from the lateral and vertical delineation of CVOC groundwater contamination completed during the vertical profile grab groundwater sampling event (described below). The monitoring well locations are depicted in **Figure 2** and sample location summaries are presented on **Table 3**.

HRP oversaw private utility markout completed by East Coast Geophysics (East Coast) and soil boring and monitoring well installation completed by Island Pump & Tank (IPT). East Coast identified underground utilities via ground penetrating radar (GPR) and marked out the utilities on the sidewalk with color-coded spray paint. IPT installed monitoring wells using a Geoprobe 7822DT drill rig and hollow stem auger and direct push methods. During installation, soil samples were collected continuously in 5-foot intervals, logged, screened for visual and olfactory evidence of contamination (staining and odors), and screened for volatile organic compounds (VOCs) using a calibrated photoionization detector (PID). Each well was constructed using Schedule 40, 2-inch diameter polyvinyl chloride (PVC) riser with 10 ft of screen. Monitoring well screens were positioned to intercept the groundwater interface, with the exception of screens for the three deep monitoring wells (HRP-MW-4D, -6D, and -7D), which were set at deeper intervals based on results of the vertical profile grab groundwater sampling. Each well was developed using a submersible pump and development water was containerized for off-site disposal. Monitoring well construction and development logs are included in **Attachment A**. In accordance with the SC Work Plan, a Community Air Monitoring Plan (CAMP) was implemented during monitoring well installation. VOC and particulate readings recorded during intrusive activities are included in **Attachment B**.

HRP conducted groundwater sampling at HRP-MW-1 on October 27, 2023, at HRP-MW-2 through -5 on January 24, 2023, at HRP-MW-1, -3, -4, and -5 on May 9, 2023, and at all 10 monitoring wells including GW-7 and MW-12S, (wells installed as a part of other NYSDEC environmental investigations), on April 25 to 26, 2024. Groundwater samples were collected in general accordance with Environmental Protection Agency (EPA) low flow guidelines and the SC Work Plan. Low flow sampling logs are included in **Attachment A**.

Groundwater samples were analyzed for total compound list (TCL) VOCs via EPA Method 8260 by Pace Analytical (Pace), an Environmental Laboratory Approval Program (ELAP) laboratory. For Quality Assurance/Quality Control (QA/QC) purposes, duplicate, matrix spike (MS), and matrix spike duplicate (MSD) samples were collected during sampling events.

Vertical Profile Grab Groundwater Sampling

A total of 8 soil borings were installed for the collection of vertical profile grab groundwater samples for the purpose of laterally and vertically delineating off-site groundwater CVOC contamination, and to collect relative hydraulic conductivity data to identify potential preferential pathways for contaminant transport. Vertical profile sample locations were designated SB-WL-1, -2, -3, -4, -5, -8, -9, and -10. Additional sample locations were planned but could not be installed due to drill rig access limitations. The vertical profile sample locations are depicted on **Figure 2**. Justifications for sample locations are presented on **Table 3**.

On January 12, 2024, East Coast conducted private utility markouts and Aquifer Drilling and Testing (ADT) completed hand clearing at each boring location to 5 ft bg. From January 15 through January 23, 2024, HRP conducted oversight of Cascade, during the installation of 8 soil borings to a depth of 50 ft bg using a Geoprobe 7822 DT drill rig and the direct push method. Grab groundwater samples and relative hydraulic conductivity (IK) data were collected using the Waterloo Aquifer Profiling System (APS). Up to five groundwater samples were collected from each boring location through a 3-inch steel

screen. Groundwater samples were collected in 10-ft intervals beginning at the groundwater interface (approximately 10 ft bg) and ending at boring completion depth (50 ft bg). Groundwater samples were collected at each 10-foot interval with the exception of SB-WL-3 (no 10-ft sample collected) and SB-WL-5 (no 50 ft sample collected) due to groundwater poor recharge. Groundwater was purged through a flow-through cell connected to a water quality instrument and readings of specific conductance, dissolved oxygen, pH, and oxidation reduction potential were recorded for each 100 milliliters (mL) of water purged. Groundwater samples were collected upon achieving water quality parameter stabilization, defined as less than 10% variability between readings for two consecutive readings and after at least 500 mL of water had been purged. If stabilization could not be achieved, a groundwater sample would be collected after 1,000 mL of water had been purged or a determination to sample was made based on the low flow rate from the sampling point.

Groundwater samples were submitted to Pace for analysis of TCL VOCs by EPA Method 8260. For QA/QC purposes, duplicate, MS, and MSD groundwater samples were collected during sampling events. Vertical profile sampling logs and IK logs are included in **Attachment C**. In accordance with the SC Work Plan, CAMP was carried out during intrusive activities including hand clearing and soil boring advancement. VOC and particulate CAMP data recorded during intrusive activities is included in **Attachment B**.

Soil Sampling

During hand clearing activities at soil boring location SB-WL-8, HRP collected 6 soil samples at depths of 0.5, 1, 2, 3, 4, and 5 ft bg. The sampling location was chosen to determine if a source of the CVOC contamination was present in near surface soils near HRP-MW-1, the location where the highest CVOC concentrations have been detected in off-site groundwater. Soil samples were screened for volatiles with a calibrated PID prior to being packed in laboratory supplied glassware and placed on ice for shipment to Pace. Soil samples were analyzed by Pace for TCL VOCs by EPA Method 8260.

Soil Vapor Point Installation and Sampling

HRP conducted oversight of IPT during the installation of 18 soil vapor points: SV-1 through SV-14 installed on October 17-19, 2022 and SV-15 through SV-18 installed on January 16-17, 2023. The soil vapor point locations were selected based on locations of on-site CVOC impacts and off-site receptors. Soil vapor point locations are depicted in **Figure 2**.

Soil vapor points were installed to depths of 6-7 ft bg using the direct push method. During the installation of SV-1 through SV-14, soil samples were collected continuously, screened, and logged in a manner consistent with the logging of soils during the installation of the monitoring wells, as described above. Soil sampling and logging was not performed at SV-15 through SV-18 as sampling and logging was performed at co-located monitoring wells HRP-MW-2 through HRP-MW-5. Soil vapor points were constructed using 6-inch-long stainless-steel screens and Teflon tubing. The annular space around each stainless-steel screen was backfilled with glass beads and sealed with 2 feet of hydrated bentonite pellets. Soil vapor point construction logs are included in **Attachment A**. CAMP was implemented during soil vapor point installation. VOC and particulate readings recorded during intrusive activities are included in **Attachment B**.

Soil vapor samples were collected on October 20 and 27, 2022 and January 18, 2023. Prior to sampling, a helium leak test was performed and a minimum of three volumes of air was purged from each soil vapor point. Outdoor air samples were collected at a frequency of one sample per day of sampling. Each soil vapor and outdoor sample was collected using a 6-liter summa canister equipped with a 2-hour regulator. For QA/QC purposes, duplicate soil vapor samples were collected. Soil vapor and outdoor air samples were sent to Pace and analyzed for VOCs via EPA Method TO-15. Soil vapor sampling logs are included in **Attachment A**.

Findings

Soil

No signs of gross contamination were observed from any soil samples collected from SB-WL-8. Soil analytical results indicate that VOCs were not detected at levels exceeding NYSDEC Part 375 Soil Cleanup Objectives (SCOs) in any of the 6 soil samples collected at SB-WL-8. Soil analytical results are presented on **Table 4** and laboratory analytical reports for soil samples are included in **Attachment D**.

Groundwater

Analytical results from the SC indicate VOCs are present in groundwater downgradient of the President Street Sites at concentrations exceeding NYSDEC Class GA Criteria. Tetrachloroethene (PCE), trichloroethene (TCE), and the degradation compound cis-1,2-dichloroethene (cis-1,2-DCE) were the most prominent CVOCs detected. Benzene, ethylbenzene, methyl tert-butyl ether (MTBE), and toluene are non-chlorinated VOCs that were detected at concentrations exceeding NYSDEC Class GA criteria. VOCs detected at concentrations in exceedance of NYSDEC Class GA criteria in SC groundwater samples are listed below:

Contaminant of Concern (COC)	Class GA Criteria Standard (µg/L)	Sample Locations with Concentrations Exceeding NYSDEC Class GA Criteria		Concentration Range (µg/L)
Tetrachloroethene (PCE)	**5**	**HRP-MW-1 HRP-MW-2 HRP-MW-4 HRP-MW-6S HRP-MW-7S HRP-MW-4D HRP-MW-6D HRP-MW-7D**	**SB-WL-1 (10, 20, 30, 50) SB-WL-2 (30, 40, 50) SB-WL-3 (33.5, 40, 50) SB-WL-4 (20, 40, 50) SB-WL-5 (10, 20, 30, 40) SB-WL-8 (30) SB-WL-9 (10, 20, 30, 40, 50) SB-WL-10 (20, 30, 40, 50)**	**5.2 - 100**
Trichloroethene (TCE)	**5**	**HRP-MW-1 HRP-MW-2 HRP-MW-4 HRP-MW-6S HRP-MW-4D HRP-MW-6D**	**SB-WL-1 (10, 20) SB-WL-2 (30, 40) SB-WL-3 (40, 50) SB-WL-8 (10, 20, 30) SB-WL-9 (20, 30, 40, 50)**	**8.4 - 58,000**
Cis-1,2-Dichloroethene (cis-1,2-DCE)	**5**	**HRP-MW-1 HRP-MW-2 HRP-MW-6S HRP-MW-4D HRP-MW-6D**	**SB-WL-1 (10), SB-WL-2(30) SB-WL-3 (33.5, 40) SB-WL-8 (10, 20) SB-WL-9 (10, 20, 30, 40, 50)**	**5.2 - 8,500**
1,1-Dichloroethene	**5**	**HRP-MW-1**		**30**

Contaminant of Concern (COC)	Class GA Criteria Standard (µg/L)	Sample Locations with Concentrations Exceeding NYSDEC Class GA Criteria		Concentration Range (µg/L)
Vinyl Chloride (VC)	2	HRP-MW-1 HRP-MW-4D	SB-WL-2 (20) SB-WL-3 (28.5) SB-WL-4 (30)	8.2 - 92
Benzene	1	GW-7	SB-WL-3 (20, 28.5, 33.5)	1.3 - 370
Ethylbenzene	5	HRP-MW-4	SB-WL-2 (10) SB-WL-3 (33.5)	13 - 780
Isopropylbenzene	5		SB-WL-2 (10, 20) SB-WL-3 (20, 33.5)	34 - 190
Methyl tert-Butyl Ether	10	GW-7		24
Toluene	5	HRP-MW-5	SB-WL-3 (20, 33.5)	8.4 - 68
Total Xylenes	5		SB-WL-3 (20, 33.5)	11 - 830

Monitoring well groundwater analytical results are presented on **Table 5** and are depicted on **Figure 4**. Laboratory analytical reports are included in **Attachment D**. Vertical profile groundwater analytical results are presented on **Table 6** and are depicted on **Figure 5**. Laboratory analytical reports are included in **Attachment D**.

Soil Vapor

Soil vapor analytical results indicate that VOCs were detected at concentrations exceeding laboratory reporting limits in each of the soil vapor samples collected. One or more CVOCs, including PCE, TCE, and cis-1,2-DCE were detected at concentrations exceeding laboratory reporting limits in each of the soil vapor samples. Off-site soil vapor analytical results were used to determine off-site soil vapor intrusion (SVI) structure sampling locations. SVI structure sampling results are summarized in the SC – Soil Vapor Intrusion Results letter report, dated August 23, 2024.

Soil vapor point and outdoor air sample analytical results for VOCs are presented on **Table 7** and depicted on **Figure 6**. Laboratory analytical reports are included in **Attachment D**.

Data Validation and Usability

Data validation of the groundwater, soil, and soil vapor analytical results was completed by Nancy Weaver of Environmental Data Services, Inc. (EDS). The Data Usability Summary Reports (DUSRs) for the analytical results indicate that no data was deemed to be unusable. The laboratory analytical reports are included in **Attachment D** and the accompanying DUSRs are included in **Attachment E**.

Future Activities

Additional field work and data analysis for the SC is currently underway and will be summarized in future reports.

If you have any questions or require additional information, please feel free to contact HRP at (518) 877-7101.

Sincerely,
HRP Associates, Inc.

Patrick Montuori, P.G.
Project Manager

Attachment:
Figures
Tables
Attachment A – Field Logs
Attachment B – CAMP Data
Attachment C – Waterloo APS Report
Attachment D – Laboratory Analytical Reports
Attachment E – Data Usability Summary Reports

FIGURES

USGS Quadrangle Information
Quad ID: 40073-F8
Name: Brooklyn, New York
Date Rev: 1995
Date Pub: 1999

Figure 1
Site Location
473 President Street Off-Site
Site: C224220A
473 Presidents Street
Brooklyn, New York
HRP # DEC1035.P2
Scale 1" = 2,000'

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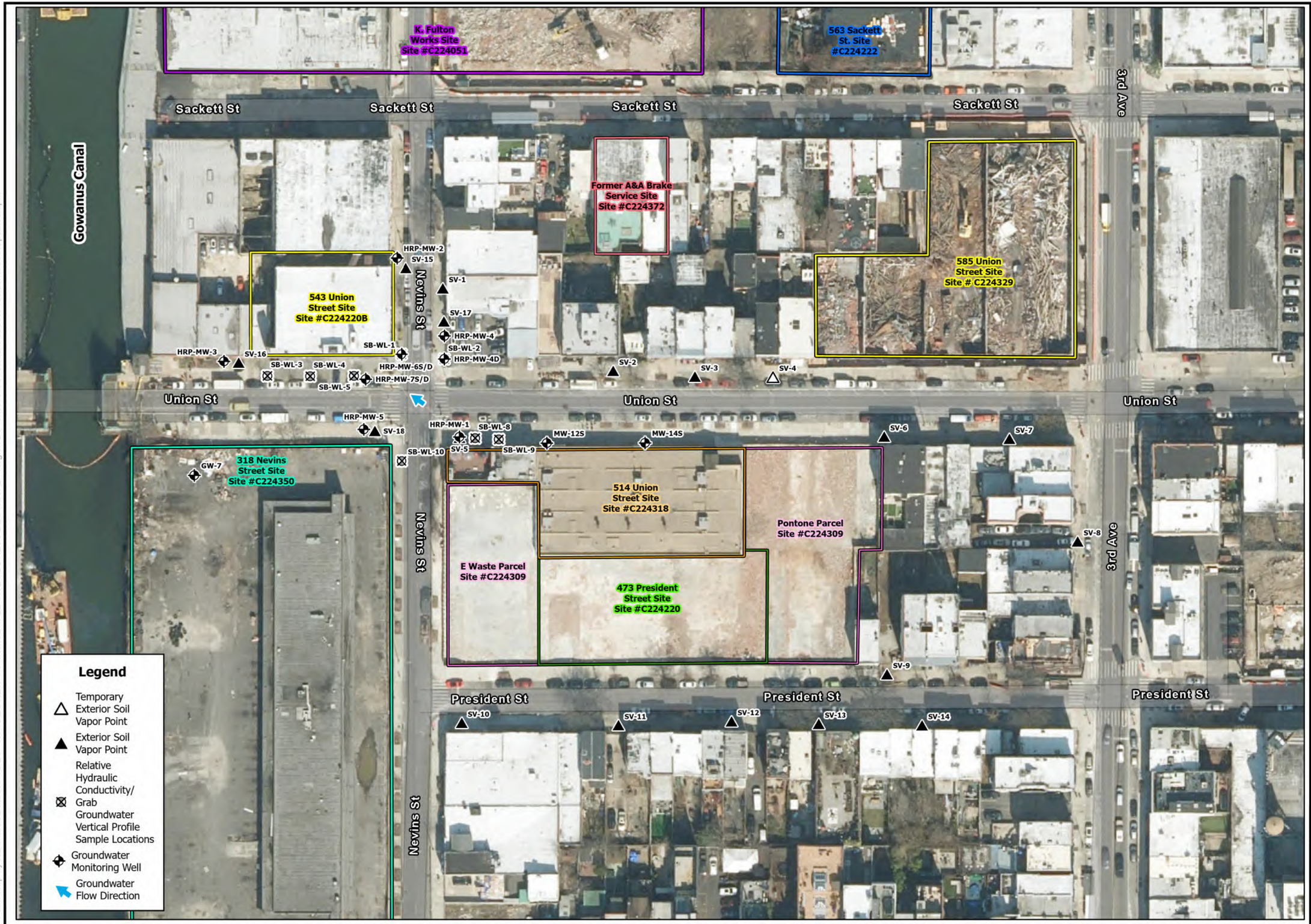

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PRL	PRL	PWM

Issue Date:	Project No:	Sheet Size:
10/23/2024	DEC1035.P2	11x17

Site Plan and Investigation Locations

473 President Street Off-Site
Site #C224220A
473 President Street
Brooklyn, new York

Figure No.

2

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Legend

- [1.0] Groundwater Monitoring Well Groundwater Elevation (ft amsl)
- Groundwater Flow Direction
- Groundwater Elevation Contour (ft amsl) (Dashed Where Inferred)

Sackett St

Sackett St

Sackett St

Former A&A Brake Service Site Site #C224372

HRP-MW-2 [NR]

543 Union Street Site Site #C224220B

Nevins St

Gowanus Canal

HRP-MW-4 [2.25]

HRP-MW-6S [2.19]

HRP-MW-3 [2.27]

HRP-MW-7S [2.21]

2.20

2.30

2.40

2.50

Union St

Union St

HRP-MW-5 [2.36]

HRP-MW-1 [2.38]

MW-12S [2.50]

318 Nevins Street Site Site #C224350

514 Union Street Site Site #C224318

Pontone Parcel Site #C224309

E Waste Parcel Site #C224309

473 President Street Site Site #C224220

Notes:
- ft amsl = feet above mean sea level
- NR = groundwater elevation was not recorded
- Groundwater elevations are based on top of casing survey conducted by Arek Surveying on 1/24/2023 and 4/26/2024
-Elevations refer to North American Vertical Datum of 1988 (NAVD88)

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Issue Date:	Project No:	Sheet Size:
12/6/2024	DEC1035.P2	11x17

Groundwater Elevation Contour Map Low-Tide Conditions June 11, 2024

473 President Street Off-Site
Site #C224220A
473 President Street
Brooklyn, New York

Figure No.

3A

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Legend

- [1.0] Groundwater Monitoring Well Groundwater Elevation (ft amsl)
- Groundwater Flow Direction
- Groundwater Elevation Contour (ft amsl) (Dashed Where Inferred)

Sackett St

Sackett St

Sackett St

Former A&A Brake Service Site Site #C224372

HRP-MW-2 [NR]

543 Union Street Site Site #C224220B

Nevins St

2.20

2.30

2.40

2.50

2.60

2.70

HRP-MW-4 [2.33]

HRP-MW-6S [2.28]

HRP-MW-3 [2.20]

HRP-MW-7S [2:44]

Gowanus Canal

Union St

Union St

HRP-MW-5 [2.44]

HRP-MW-1 [2.51]

MW-12S [2.77]

318 Nevins Street Site Site #C224350

Nevins St

514 Union Street Site Site #C224318

Pontone Parcel Site #C224309

E Waste Parcel Site #C224309

473 President Street Site Site #C224220

Notes:
- ft amsl = feet above mean sea level
- NR = groundwater elevation was not recorded
- Groundwater elevations are based on top of casing survey conducted by Arek Surveying on 1/24/2023 and 4/26/2024
-Elevations refer to North American Vertical Datum of 1988 (NAVD88)

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12/6/2024	DEC1035.P2	11x17

Groundwater Elevation Contour Map High-Tide Conditions June 24, 2024

473 President Street Off-Site
Site #C224220A
473 President Street
Brooklyn, New York

Figure No.

3B

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Legend

- Groundwater Monitoring Well
- Groundwater Flow Direction

HRP-MW-6S	
Screened 6-16 ft bg	
Date:	4/25/2024
PCE	**11**
TCE	**420**
cis-1,2-DCE	**25**

HRP-MW-6D	
Screened 20-30 ft bg	
Date:	4/25/2024
PCE	**11**
TCE	**9**

HRP-MW-4			
Screened 6-16 ft bg			
Date:	1/24/2023	5/9/2023	4/25/2024
PCE	**100**	**14**	**1.3**
TCE	**0.94 J**	**2.6**	**16**
VC	< 4.0	< 2.0	< 2.0

NYSDEC Class GA Criteria	
Tetrachloroethene (PCE)	5
Trichloroethene (TCE)	5
cis-1,2-Dichloroethene (cis-1,2-DCE)	5
1,1-Dichloroethene (1,1-DCE)	5
Vinyl chloride (VC)	2

HRP-MW-2		
Screened 7-17 ft bg		
Date:	1/24/2023	4/25/2024
PCE	**100**	**30**
TCE	**0.52 J**	**8.4**
cis-1,2-DCE	**0.88**	**6.7**
VC	<4.0	<0.19

HRP-MW-3			
Screened 7-17 ft bg			
Date:	1/24/2023	5/9/2023	4/25/2024
No Exceedances			

HRP-MW-4D	
Screened 20-30 ft bg	
Date:	4/25/2024
PCE	**5.3**
TCE	**82**
cis-1,2-DCE	**35**
VC	**8.2**

HRP-MW-5			
Screened 6-16 ft bg			
Date:	1/24/2023	5/9/2023	4/26/2024
No Exceedances			

HRP-MW-7S	
Screened 6-16 ft bg	
Date:	4/25/2024
PCE	**33**

HRP-MW-7D	
Screened 15-25 ft bg	
Date:	4/25/2024
PCE	**33**

MW-12S	
Screened 7-17 ft bg	
Date:	5/9/2023
No Exceedances	

GW-7	
Screened 5-20 ft bg	
Date:	5/9/2023
No Exceedances	

HRP-MW-1			
Screened 6-16 ft bg			
Date:	10/27/2022	5/9/2023	4/25/2024
PCE	< 200	< 1000	**2.50 J**
TCE	**13,000**	**58,000**	**290**
cis-1,2-DCE	**3,400**	**8,500**	**100**
1,1-DCE	**30 J**	<140	**2.0**
VC	**92 J**	<240	**0.88**

Concentrations reported in micrograms per liter (µg/L)	
J	Parameter detected but below the reporting limit (lowest calibration standard); concentration estimated
< 1	Parameter not detected above the laboratory reporting limit
< 1	Parameter not detected above the laboratory reporting limit; laboratory reporting limit exceeds NYSDEC Class GA Criteria
1	Parameter reported above the laboratory reporting limit but below NYSDEC Class GA Criteria
1	Parameter reported at a concentration greater than NYSDEC Class GA Criteria

Sackett

Nevins St

Union St

543 Union Street Site Site #C224220B

Former A&A Brake Service Site Site #C224372

318 Nevins Street Site Site #C224350

514 Union Street Site Site #C224318

Pontone Parcel Site #C224309

E Waste Parcel Site #C224309

473 President Street Site Site #C224220

HRP-MW-2 · HRP-MW-4 · HRP-MW-6S/D · HRP-MW-3 · HRP-MW-4D · HRP-MW-7S/D · HRP-MW-5 · HRP-MW-1 · MW-12S · GW-7

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Designed By: AJN

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Reviewed By: PWM

Issue Date: 12/6/2024

Project No: DEC1035.P2

Sheet Size: 11x17

Monitoring Well Groundwater Results: CVOCs Exceeding Class GA Criteria

473 President Street Off-Site
Site #C224220A
473 President Street
Brooklyn, New York

Figure No.

4

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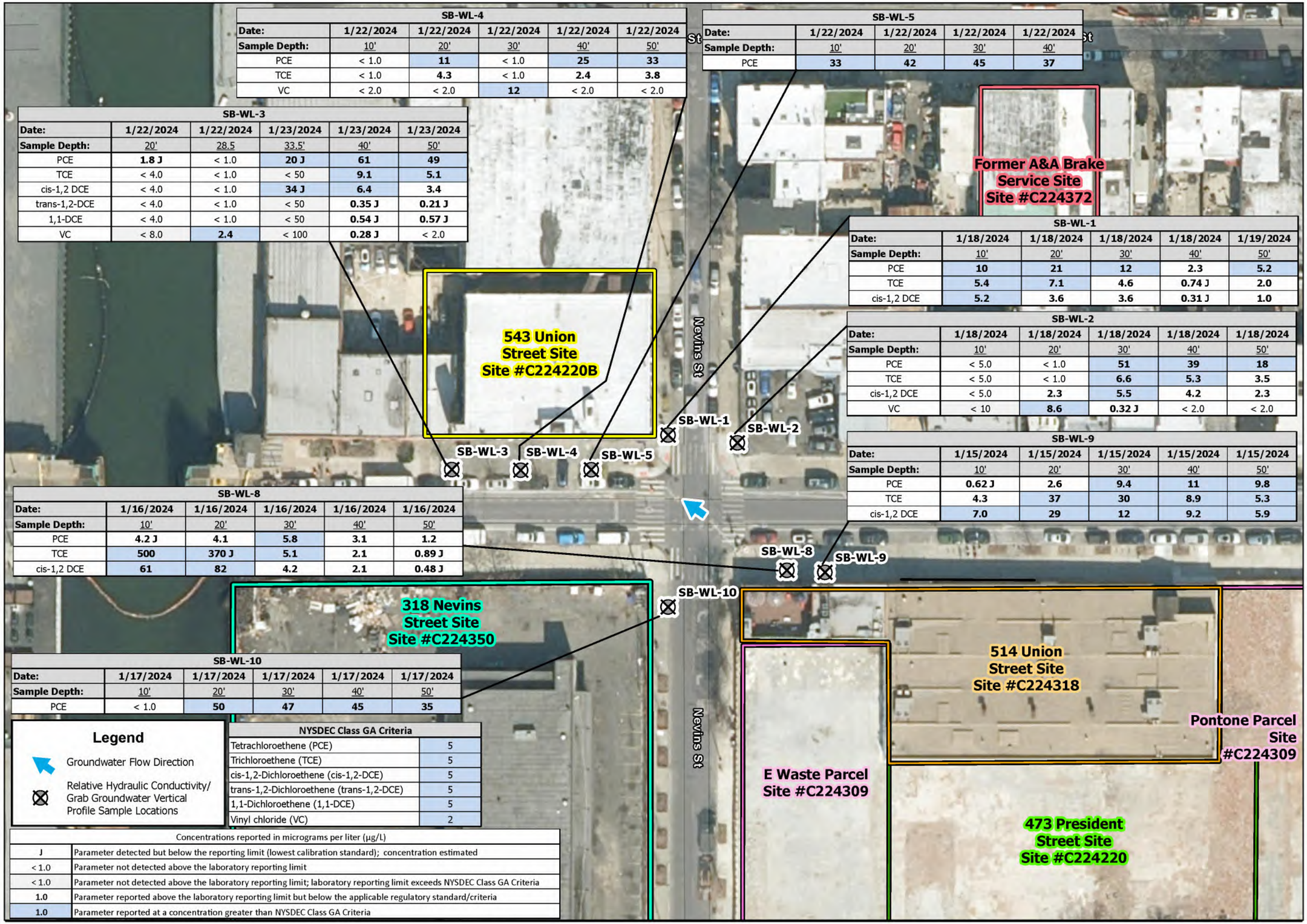

SB-WL-4

Date:	1/22/2024	1/22/2024	1/22/2024	1/22/2024	1/22/2024
Sample Depth:	10'	20'	30'	40'	50'
PCE	< 1.0	11	< 1.0	25	33
TCE	< 1.0	4.3	< 1.0	2.4	3.8
VC	< 2.0	< 2.0	12	< 2.0	< 2.0

SB-WL-5

Date:	1/22/2024	1/22/2024	1/22/2024	1/22/2024
Sample Depth:	10'	20'	30'	40'
PCE	33	42	45	37

SB-WL-3

Date:	1/22/2024	1/22/2024	1/23/2024	1/23/2024	1/23/2024
Sample Depth:	20'	28.5	33.5'	40'	50'
PCE	1.8 J	< 1.0	20 J	61	49
TCE	< 4.0	< 1.0	< 50	9.1	5.1
cis-1,2 DCE	< 4.0	< 1.0	34 J	6.4	3.4
trans-1,2-DCE	< 4.0	< 1.0	< 50	0.35 J	0.21 J
1,1-DCE	< 4.0	< 1.0	< 50	0.54 J	0.57 J
VC	< 8.0	2.4	< 100	0.28 J	< 2.0

SB-WL-1

Date:	1/18/2024	1/18/2024	1/18/2024	1/18/2024	1/19/2024
Sample Depth:	10'	20'	30'	40'	50'
PCE	10	21	12	2.3	5.2
TCE	5.4	7.1	4.6	0.74 J	2.0
cis-1,2 DCE	5.2	3.6	3.6	0.31 J	1.0

SB-WL-2

Date:	1/18/2024	1/18/2024	1/18/2024	1/18/2024	1/18/2024
Sample Depth:	10'	20'	30'	40'	50'
PCE	< 5.0	< 1.0	51	39	18
TCE	< 5.0	< 1.0	6.6	5.3	3.5
cis-1,2 DCE	< 5.0	2.3	5.5	4.2	2.3
VC	< 10	8.6	0.32 J	< 2.0	< 2.0

SB-WL-9

Date:	1/15/2024	1/15/2024	1/15/2024	1/15/2024	1/15/2024
Sample Depth:	10'	20'	30'	40'	50'
PCE	0.62 J	2.6	9.4	11	9.8
TCE	4.3	37	30	8.9	5.3
cis-1,2 DCE	7.0	29	12	9.2	5.9

SB-WL-8

Date:	1/16/2024	1/16/2024	1/16/2024	1/16/2024	1/16/2024
Sample Depth:	10'	20'	30'	40'	50'
PCE	4.2 J	4.1	5.8	3.1	1.2
TCE	500	370 J	5.1	2.1	0.89 J
cis-1,2 DCE	61	82	4.2	2.1	0.48 J

SB-WL-10

Date:	1/17/2024	1/17/2024	1/17/2024	1/17/2024	1/17/2024
Sample Depth:	10'	20'	30'	40'	50'
PCE	< 1.0	50	47	45	35

Legend

- Groundwater Flow Direction
- Relative Hydraulic Conductivity/ Grab Groundwater Vertical Profile Sample Locations

NYSDEC Class GA Criteria	
Tetrachloroethene (PCE)	5
Trichloroethene (TCE)	5
cis-1,2-Dichloroethene (cis-1,2-DCE)	5
trans-1,2-Dichloroethene (trans-1,2-DCE)	5
1,1-Dichloroethene (1,1-DCE)	5
Vinyl chloride (VC)	2

Concentrations reported in micrograms per liter (µg/L)	
J	Parameter detected but below the reporting limit (lowest calibration standard); concentration estimated
< 1.0	Parameter not detected above the laboratory reporting limit
< 1.0	Parameter not detected above the laboratory reporting limit; laboratory reporting limit exceeds NYSDEC Class GA Criteria
1.0	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criteria
1.0	Parameter reported at a concentration greater than NYSDEC Class GA Criteria

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Revisions

No.	Date

Designed By: AJN
Drawn By: CMS
Reviewed By: PWM

Issue Date: 12/6/2024
Project No: DEC1035.P2
Sheet Size: 11x17

Vertical Profile Groundwater Results: CVOCs Exceeding Class GA Criteria

473 President Street Off-Site
Site #C224220A
473 President Street
Brooklyn, New York

Figure No.

5

Path: \\hrp-ny-fs2\shared\Data\NNYDEC - NYSDEC\NEW YORK\MULTIPLE SITE ADDRESS\DEC1035P2 - Region 2 P-Sites\GIS\PresA.IN\PresA.IN\PresA.IN.aprx

SV-15	
Date	1/18/2023
1,2,4-TB	0.81
1,3,5-TB	0.17 J
BZ	1.2
cis-1,2-DCE	0.57
CHX	0.33
EBZ	0.8
HP	0.82
HX	3.1 J
m,p-X	3.2
MC	2.6
o-X	1.1
TLN	9
TCE	0.56

SV-1	
Date	10/20/2022
1,1,1-TCA	0.94 J
1,2,4-TB	1.4
BZ	0.87
cis-1,2-DCE	2.4
m,p-X	1.3 J
o-X	0.50 J
PCE	700
TLN	2.2
TCE	60

SV-2	
Date	10/20/2022
1,2,4-TB	2
1,3,5-TB	0.55 J
cis-1,2-DCE	0.62 J
m,p-X	1.7 J
o-X	0.92
PCE	28
TLN	2.1
TCE	0.82 J

SV-3	
Date	10/20/2022
1,2,4-TB	1.4
m,p-X	1.3 J
o-X	0.56 J
PCE	10
TLN	2.1

SV-4	
Date	10/20/2022
1,2,4-TB	1.5
BZ	1
EBZ	0.57 J
HP	0.64 J
m,p-X	2.2
o-X	1.1
PCE	15
TLN	2.8
TCE	2.9

SV-6	
Date	10/20/2022
1,1-DCE	1.4
1,2,4-TB	1
BZ	3.7
cis-1,2-DCE	36
CHX	2.3
HP	14
HX	440
m,p-X	1.5 J
o-X	0.59 J
PCE	4.1
TLN	3.3
TCE	180
VC	3.1

SV-7	
Date	10/20/2022
1,1,1-TCA	11
1,2,4-TB	1.5
BZ	1.2
cis-1,2-DCE	2.2
CHX	1.4
EBZ	0.61 J
HP	1.1
m,p-X	2.2
o-X	0.87
PCE	100
TLN	4.9
TCE	13

SV-8	
Date	10/20/2022
1,2,4-TB	1.1
BZ	2.7
HP	0.87
m,p-X	1.1 J
o-X	0.52 J
PCE	4.6
TLN	2.1
TCE	0.86 J

SV-9	
Date	10/27/2022
PCE	1.5
TLN	0.60 J
TCE	1.8

SV-10	
Date	10/20/2022
1,1,1-TCA	23
1,2,4-TB	1.5
BZ	2.8
CHX	0.76
HP	1.7
HX	4.3 J
m,p-X	1.7 J
o-X	0.66 J
PCE	340
TLN	3.3
TCE	3.8

SV-11	
Date	10/20/2022
1,2,4-TB	1.8
BZ	1.5
CHX	1.5
EBZ	1
HP	1.7
HX	16 J
m,p-X	3.4
o-X	1.3
PCE	57
TLN	3.7
TCE	40

SV-12	
Date	10/20/2022
1,2,4-TB	1.9
BZ	24
cis-1,2-DCE	2.4
CHX	1.1
EBZ	0.56 J
HP	0.77 J
HX	4.5 J
m,p-X	2.1
o-X	0.87
PCE	11
TLN	5.4
TCE	1.7

SV-13	
Date	10/20/2022
1,1,1-TCA	5.3
1,2,4-TB	1.7
BZ	2
cis-1,2-DCE	84
HP	1.3
m,p-X	1.9
o-X	0.78 J
PCE	380
TLN	2.6
TCE	70

SV-14	
Date	10/20/2022
1,1,1-TCA	1.1
1,2,4-TB	2.3
BZ	0.98
m,p-X	1.5 J
o-X	0.66 J
PCE	33
TLN	2.6

SV-16	
Date	1/18/2023
1,2,4-TB	5.9
1,3,5-TB	0.99
BZ	1.3
CHX	2.3
EBZ	3.7
HP	1.2
HX	2.0 J
m,p-X	16
NPH	0.44
o-X	5.3
PCE	0.77
TLN	120

SV-17	
Date	1/18/2023
1,1,1-TCA	0.22 J
1,2,4-TB	1.2
1,3,5-TB	0.29
BZ	3.6
CHX	6.5
EBZ	1.3
HP	25
HX	65
m,p-X	5
o-X	1.6
PCE	0.52
TLN	8.3

SV-18	
Date	1/18/2023
BZ	16
CHX	9,400
EBZ	8.90 J
HP	14
m,p-X	25.0 J
o-X	7.60 J
PCE	29
TLN	29

SV-5	
Date	10/20/2022
1,1-DCE	350
BZ	100
cis-1,2-DCE	13,000
CHX	560
PCE	460
TLN	45 J
TCE	86,000
VC	920

Volatile Organic Compound (VOC)
Trichloroethene (TCE)
cis-1,2-dichloroethene (cis-1,2-DCE)
1,1-dichloroethene (1,1-DCE)
Carbon Tetrachloride
Tetrachloroethene (PCE)
1,1,1-Trichloroethane (1,1,1-TCA)
Methylene Chloride (MC)
Vinyl Chloride (VC)
Benzene (BZ)
Ethylbenzene (EBZ)
Naphthalene (NPH)
Cyclohexane (CHX)
2,2,4-Trimethylpentane (2,2,4-TP)
1,2,4-TB (1,2,4-TB)
1,3,5-TrimethylBZ (1,3,5-TB)
o-X (o-X)
m,p-Xylene (m,p-X)
Heptane (HP)
Hexane (HX)
Toluene (TLN)

Notes:
All concentrations in micrograms per cubic meter (ug/m^3)
J = Value is estimated

Legend

- Groundwater Flow Direction
- Temporary Exterior Soil Vapor Point
- Exterior Soil Vapor Point

Sackett St
Union St
President St
Nevins St
3rd Ave
SV-1
SV-2
SV-3
SV-4
SV-5
SV-6
SV-7
SV-8
SV-9
SV-10
SV-11
SV-12
SV-13
SV-14
SV-15
SV-16
SV-17
SV-18
K. Fulton Works Site Site #C224051
563 Sackett St. Site #C224222
Former A&A Brake Service Site Site #C224372
585 Union Street Site Site # C224329
543 Union Street Site Site #C224220B
318 Nevins Street Site Site #C224350
514 Union Street Site Site #C224318
Pontone Parcel Site #C224309
E Waste Parcel Site #C224309
473 President Street Site Site #C224220

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Designed By: AJN
Drawn By: CMS
Reviewed By: PWM

Issue Date: 01/22/2025
Project No: DEC1035.P2
Sheet Size: 11x17

Exterior Soil Vapor Point Locations and Results NYSDOH Decision Matrix Compounds

473 President Street Off-Site
Site #C224220A
473 President Street
Brooklyn, New York

Figure No.
6

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TABLES

Table 1
Groundwater Elevation
473 President Street Off-Site
NYSDEC Site No. C224220A
473 President Street
Brooklyn, NY

Gauging Date	Monitoring Well ID									
	HRP-MW-1	HRP-MW-2	HRP-MW-3	HRP-MW-4	HRP-MW-4D	HRP-MW-5	HRP-MW-6S	HRP-MW-6D	HRP-MW-7S	HRP-MW-7D
1/25/2023	1.43	1.26	1.80	1.40	Monitoring Well Not Yet Installed	1.46	Monitoring Wells Not Yet Installed			
4/19/2023	1.66	1.42	1.91	1.64		1.57				
7/26/2023	2.40	2.05	2.13	2.34		2.31				
8/2/2023	2.24	1.90	2.11	2.24		2.22				
8/10/2023	2.31	1.96	2.09	2.27		2.22				
10/2/2023	2.85	2.33	2.81	2.64		2.73				
10/11/2023	2.76	2.25	2.74	2.57		2.67				
10/24/2023	2.45	2.05	2.20	2.42		2.36				
10/31/2023	2.58	2.13	2.26	2.46		2.48				
3/6/2024	1.17	0.74	1.86	0.74		1.24				
4/25/2024	1.41	0.96	1.98	1.23	1.33	NR	1.31	1.29	1.37	1.33
4/26/2024	1.11	0.66	1.86	0.88	0.98	1.08	0.97	0.95	1.01	1.01
6/7/2024	1.96	1.61	2.18	1.90	NR	2.34	1.79	NR	1.85	NR
6/10/2024	2.33	1.90	2.21	2.28	NR	2.25	2.10	NR	2.19	NR
6/11/2024	2.38	NR	2.27	2.25	NR	2.36	2.19	NR	2.21	NR
6/18/2024	2.43	NR	2.19	2.36	NR	2.40	2.23	NR	2.29	NR
6/24/2024	2.51	NR	2.20	2.33	NR	2.47	2.28	NR	2.44	NR

Notes:
NR - Not recorded
All elevations in feet above mean sea level
Groundwater elevations are based on top of casing survey conducted by Arek Surveying on 1/24/2023 and 4/26/2024
Elevations refer to North American Vertical Datum of 1988 (NAVD88)

Table 2
Well Construction Details
473 President Street Off-Site
NYSDEC Site No. C224220A
473 President Street
Brooklyn, NY

Monitoring Well ID	Northing	Easting	Date of Installation	Top of Casing Elevation (ft amsl)	Well Screen/Casing Diameter (Inches)	Screen Setting (ft bg)	Measured Total Depth (ft btoc)
HRP-MW-1	186,645.25	987,764.76	1/17/2022	9.81	2	6 - 16	15.36
HRP-MW-2	186,812.29	987,783.75	1/16/2023	9.26	2	7 - 17	16.79
HRP-MW-3	186,790.80	987,628.61	1/16/2023	10.99	2	7 - 17	16.30
HRP-MW-4	186,731.72	987,793.62	1/17/2023	9.84	2	6 - 16	15.67
HRP-MW-4D	186,721.40	987,787.46	4/11/2024	9.83	2	20 - 30	29.10
HRP-MW-5	186,691.22	987,694.86	1/16/2023	9.87	2	6 - 16	15.12
HRP-MW-6S	186,744.38	987,756.39	4/15/2024	9.43	2	6 - 16	14.50
HRP-MW-6D	186,743.73	987,757.41	4/15/2024	9.31	2	20 - 30	28.40
HRP-MW-7S	186,731.28	987,718.13	4/16/2024	9.19	2	6 - 16	15.12
HRP-MW-7D	186,729.79	987,717.38	4/16/2024	9.30	2	15 - 25	24.00

Notes:
ft bg = feet below grade
ft btoc = feet below top of casing
ft amsl = feet above mean sea level
All elevations in feet above mean sea level
Top of casing survey conducted by Arek Surveying on 1/24/2023 and 4/26/2024
Elevations refer to North American Vertical Datum of 1988 (NAVD88)
All wells constructed of Schedule 40 PVC solid casing and 10-slot screen

Table 3
Groundwater Investigation Location Summary
473 President Street Off-Site
NYSDEC Site No. C224220A
473 President Street
Brooklyn, NY

Sample ID	Screened Interval	Sample Dates	Sample Location	Justification
HRP-MW-1	6 - 16 ft bg	10/27/2022 5/9/2023 4/25/2024	Southeast corner of the Nevins Street-Union Street intersection.	Investigate impacts to groundwater downgradient of impacted groundwater observed at the President Street Sites.
HRP-MW-2	7 - 17 ft bg	1/24/2023 4/25/2024	Western sidewalk of Nevins Street, between Sackett Street and Union Street.	Laterally delineate impacts to shallow groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Sites.
HRP-MW-3	7 - 17 ft bg	1/24/2023 5/9/2023 4/25/2024	Northern sidewalk of Union Street, between Nevins Street and the Gowanus Canal.	Laterally delineate impacts to shallow groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Sites.
HRP-MW-4	6 - 16 ft bg	1/24/2023 5/9/2023 4/25/2024	Eastern sidewalk of Nevins Street, between Sackett Street and Union Street.	Laterally delineate impacts to shallow groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Sites.
HRP-MW-4D	20 - 30 ft bg	4/25/2024	Eastern sidewalk of Nevins Street, between Sackett Street and Union Street.	Laterally delineate impacts to deep groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Sites. 20-30 ft bg interval selected based on observations of impacts in GW-WL vertical profile groundwater samples.
HRP-MW-5	6 - 16 ft bg	1/24/2023 5/9/2023 4/26/2024	Southern sidewalk of Union Street, between Nevins Street and the Gowanus Canal.	Laterally delineate impacts to shallow groundwater crossgradient of impacts observed at HRP-MW-1 and the President Street Sites.
HRP-MW-6S	6 - 16 ft bg	4/25/2024	Western sidewalk of Nevins Street, between Sackett Street and Union Street.	Laterally delineate impacts to shallow groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Sites.
HRP-MW-6D	20 - 30 ft bg	4/25/2024	Western sidewalk of Nevins Street, between Sackett Street and Union Street.	Laterally delineate impacts to deep groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Sites. 20-30 ft bg interval selected based on observations of impacts in GW-WL vertical profile groundwater samples.
HRP-MW-7S	6 - 16 ft bg	4/25/2024	Northern sidewalk of Union Street, between Nevins Street and the Gowanus Canal.	Laterally delineate impacts to shallow groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Sites.
HRP-MW-7D	15 - 25 ft bg	4/25/2024	Northern sidewalk of Union Street, between Nevins Street and the Gowanus Canal.	Laterally delineate impacts to deep groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Sites. 20-30 ft bg interval selected based on observations of impacts in GW-WL vertical profile groundwater samples.
MW-12S	7 - 17 ft bg	5/9/2023	Southern sidewalk of Union Street, between Nevins Street and the 3rd Avenue.	Laterally delineate impacts to shallow groundwater crossgradient of impacts observed at HRP-MW-1 and the President Street Sites.
GW-7	5 - 20 ft bg	5/10/2023	Northwestern portion of the 318 Nevins Street Site (#C224350).	Laterally delineate impacts to shallow groundwater crossgradient of impacts observed at HRP-MW-1 and the President Street Sites.
GW-WL-1	10 ft bg	1/18/2024	Western sidewalk of Nevins Street, between Sackett Street and Union Street.	Laterally and vertically delineate impacts to groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Site.
	20 ft bg	1/18/2024		
	30 ft bg	1/18/2024		
	40 ft bg	1/19/2024		
	50 ft bg	1/19/2024		
GW-WL-2	10 ft bg	1/18/2024	Eastern sidewalk of Nevins Street, between Sackett Street and Union Street.	Laterally and vertically delineate impacts to groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Site.
	20 ft bg	1/18/2024		
	30 ft bg	1/18/2024		
	40 ft bg	1/18/2024		
	50 ft bg	1/18/2024		
GW-WL-3	20 ft bg	1/22/2024	Northern sidewalk of Union Street, between Nevins Street and the Gowanus Canal.	Laterally and vertically delineate impacts to groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Site.
	28.5 ft bg	1/22/2024		
	33.5 bg	1/23/2024		
	40 ft bg	1/23/2024		
	50 ft bg	1/23/2024		
GW-WL-4	9 ft bg	1/22/2024	Northern sidewalk of Union Street, between Nevins Street and the Gowanus Canal.	Laterally and vertically delineate impacts to groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Site.
	20 ft bg	1/22/2024		
	30 ft bg	1/22/2024		
	40 ft bg	1/22/2024		
	50 ft bg	1/22/2024		
GW-WL-5	10 ft bg	1/19/2024	Northern sidewalk of Union Street, between Nevins Street and the Gowanus Canal.	Laterally and vertically delineate impacts to groundwater downgradient of impacts observed at HRP-MW-1 and the President Street Site.
	20 ft bg	1/19/2024		
	30 ft bg	1/19/2024		
	40 ft bg	1/19/2024		
	41.5 ft bg	1/19/2024		
GW-WL-8	10 ft bg	1/16/2024	Southeast corner of the Nevins Street-Union Street intersection, next to HRP-MW-1.	Vertically delineate impacts to groundwater downgradient of impacts observed at HRP-MW-1.
	20 ft bg	1/16/2024		
	30 ft bg	1/16/2024		
	40 ft bg	1/16/2024		
	50 ft bg	1/16/2024		
GW-WL-9	10 ft bg	1/15/2024	Southeast corner of the Nevins Street-Union Street intersection, east of HRP-MW-1.	Laterally and vertically delineate impacts to groundwater crossgradient of impacts observed at HRP-MW-1 and the President Street Site.
	20 ft bg	1/15/2024		
	30 ft bg	1/15/2024		
	40 ft bg	1/15/2024		
	50 ft bg	1/15/2024		
GW-WL-10	10 ft bg	1/17/2024	Western sidewalk of Nevins Street between Union Street and President Street.	Laterally and vertically delineate impacts to groundwater crossgradient of impacts observed at HRP-MW-1 and the President Street Site.
	20 ft bg	1/17/2024		
	30 ft bg	1/17/2024		
	40 ft bg	1/17/2024		
	50 ft bg	1/17/2024		

Notes:
ft bg = feet below grade
All samples analyzed for VOCs via EPA Method 8260.
Vertical profile groundwater sample locations (GW-WL-#) collected through 3-inch steel screen. Screened interval refers to base of screen.
Vertical profile groundwater sample locations (GW-WL-#) collected from corresponding SB-WL soil borings.

Table 4
Soil Analytical Results - Soil Borings (Detections Only)
VOCs
473 President Street Off-Site
NYSDEC Site No. C224220A
473 President Street, Brooklyn, NY

Location ID:	Part 375 Unrestricted Use/ Protection of Groundwater	SB-WL-8					
Sample Depth (ft bg):		0.50 ft bg	1.0 ft bg	2.0 ft bg	3.0 ft bg	4.0 ft bg	5.0 ft bg
Date Collected:		01/12/2024	01/12/2024	01/12/2024	01/12/2024	01/12/2024	01/12/2024
Lab Report No.:		24A1385-01	24A1385-02	24A1385-04	24A1385-06	24A1385-08	24A1385-10
Volatile Organic Compounds (VOCs) (mg/kg)							
Acetone	0.05	**0.038 J**	**0.020 J**	< 0.12	< 0.10	< 0.11	< 0.11
Chloroform	0.37	**0.0017 J**	**0.0038 J**	< 0.0046	< 0.0041	< 0.0042	< 0.0044
Toluene	0.7	**0.0035**	< 0.0021	< 0.0023	< 0.0020	< 0.0021	< 0.0022
Trichloroethene	0.47	**0.0016 J**	**0.0031**	**0.0011 J**	**0.0011 J**	**0.00099 J**	**0.0011 J**

Legend

< 1.0	Parameter not detected above the laboratory reporting limit
< 1.0	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
1.0	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion
1.0	Parameter reported at a concentration greater than NYS-375-6 SCO Unrestricted Use/Protection of Groundwater Criteria

Notes
mg/kg = milligrams per kilogram
SCO = Soil Cleanup Objectives
ft bg = feet below grade

Table 5
Monitoring Well Groundwater Laboratory Analytical Results (Detections Only)
Volatile Organic Compounds
473 President Street Off-Site
NYSDEC Site No. C224220
473 President Street
Brooklyn, NY

Lab Report Number:	NYSDEC Class GA Criteria	22J4293	23E1663	24D3388	23A2674	24D3388	23A2674	23E1663	24D3388	23A2674	23E1663	24D3388
Well ID:		HRP-MW-1			HRP-MW-2		HRP-MW-3			HRP-MW-4		
Screen Interval (ft bg):		6-16			7-17		7-17			6-16		
Date Collected:		10/27/2022	05/09/2023	04/26/2024	01/24/2023	04/26/2024	01/24/2023	05/09/2023	04/26/2024	01/24/2023	05/10/2023	04/26/2024
Volatile Organic Compounds (VOCs) (µg/L)												
1,1-Dichloroethene	5	**30 J**	< 1,000	**2.0 J**	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	5	NA	NA	< 4.0	NA	< 1.0	NA	NA	< 1.0	NA	NA	**2.3**
1,3,5-trimethyl-benzene	5	NA	NA	< 4.0	NA	< 1.0	NA	NA	< 1.0	NA	NA	< 1.0
2-Butanone (MEK)	50	< 4,000	< 20,000	< 80	< 40	< 20	< 20	< 20	< 20	< 40	< 20	< 20
Acetone	50	< 10,000	< 50,000	**8.3 J**	< 100	< 50	< 50	**2.7 J**	< 50	< 100	**3.4 J**	**5.1 J**
Benzene	1	< 200	< 1,000	< 4.0	< 2.0	< 1.0	**0.94 J**	< 1.0	< 1.0	< 2.0	< 1.0	**0.89 J**
Chloroform	7	< 400	< 2,000	< 8.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	**0.30 J**
Chloromethane	5	< 400	< 2,000	< 8.0	< 4.0	**0.61 J**	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0
cis-1,2-Dichloroethene	5	**3,400 J**	**8,500**	**100 J**	**0.88 J**	**6.7**	< 1.0	< 1.0	< 1.0	**0.94 J**	**3.6**	**2.9**
Ethylbenzene	5	< 200	< 1,000	< 4.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	**13**
Isopropylbenzene	5	< 200	< 1,000	< 4.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	**17**
m,p-Xylene	NP	NA	NA	< 8.0	NA	< 2.0	NA	NA	< 2.0	NA	NA	**0.42 J**
Methylcyclohexane	NP	**92 J**	< 1,000	< 4.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	**4.6**
Methyltertbutyl ether	10	< 200	< 1,000	< 4.0	< 2.0	< 1.0	**2.0**	**1.9**	**1.6**	< 2.0	< 1.0	< 1.0
Naphthalene	10	NA	NA	< 8.0	NA	< 2.0	NA	NA	< 2.0	NA	NA	**2.4 J**
n-Butylbenzene	5	NA	NA	< 4.0	NA	< 1.0	NA	NA	< 1.0	NA	NA	**2.6**
n-Propylbenzene	5	NA	NA	< 4.0	NA	< 1.0	NA	NA	< 1.0	NA	NA	**58**
o-Xylene	5	NA	NA	< 4.0	NA	< 1.0	NA	NA	< 1.0	NA	NA	**0.31 J**
sec-Butylbenzene	5	NA	NA	< 4.0	NA	< 1.0	NA	NA	< 1.0	NA	NA	**5.5**
tert-Butylbenzene	5	NA	NA	< 4.0	NA	< 1.0	NA	NA	< 1.0	NA	NA	**0.34 J**
Tetrachloroethene	5	< 200	< 1,000	**2.5 J**	**100**	**30**	< 1.0	< 1.0	< 1.0	**100**	**14**	**1.3**
Toluene	5	< 200	< 1,000	< 4.0	< 2.0	< 1.0	**1.1**	< 1.0	< 1.0	< 2.0	< 1.0	**0.47 J**
Total Xylenes	5	< 200	< 1,000	< 4.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	5	< 200	< 1,000	**1.0 J**	< 2.0	**0.39 J**	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0
Trichloroethene	5	**13,000**	**58,000**	**290 J**	**0.52 J**	**8.4**	< 1.0	< 1.0	< 1.0	**0.94 J**	**2.6**	**16**
Vinyl chloride	2	**92 J**	< 2,000	**0.88 J**	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0

Legend

< 1.0	Parameter not detected above the laboratory reporting limit
< 1.0	Parameter not detected above the laboratory reporting limit; laboratory reporting limit exceeds NYSDEC Class GA Criteria
1.0	Parameter reported above the laboratory reporting limit but below NYSDEC Class GA Criteria
1.0	Parameter reported at a concentration greater than NYSDEC Class GA Criteria

Notes:
µg/L = micrograms per liter
NP = Not Promulgated
J = Detected but below the reporting limit (lowest calibration standard); therefore, result is an estimated concentration
ft bg = feet below grade

Table 5
Monitoring Well Groundwater Laboratory Analytical Results (Detections Only)
Volatile Organic Compounds
473 President Street Off-Site
NYSDEC Site No. C224220
473 President Street
Brooklyn, NY

Lab Report Number:	NYSDEC Class GA Criteria	24D3388	23A2674	23E1663	24D3388	24D3388	24D3388	24D3388	24D3388	23E1663	23E1663
Well ID:		HRP-MW-4D	HRP-MW-5			HRP-MW-6S	HRP-MW-6D	HRP-MW-7S	HRP-MW-7D	GW-7	MW-12S
Screen Interval (feet below grade):		20-30	6-16			6-16	20-30	6-16	15-25	5-20	7-17
Date Collected:		04/26/2024	01/24/2023	05/09/2023	04/26/2024	04/26/2024	04/26/2024	04/26/2024	04/26/2024	05/10/2023	05/09/2023
Volatile Organic Compounds (VOCs) (µg/L)											
1,1-Dichloroethene	5	**4.5**	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	**0.28 J**	**0.26 J**	< 1.0	< 1.0
1,2,4-Trimethylbenzene	5	**0.16 J**	NA	NA	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	NA	NA
1,3,5-trimethyl-benzene	5	**0.23 J**	NA	NA	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	NA	NA
2-Butanone (MEK)	50	< 20	< 20	< 20	< 20	**24 J**	< 20	< 20	< 20	< 20	< 20
Acetone	50	**4.8 J**	**17 J**	< 50	**13 J**	**17 J**	**3.0 J**	**2.6 J**	**3.3 J**	< 50	**3.1 J**
Benzene	1	**0.23 J**	< 1.0	< 1.0	**0.77 J**	< 4.0	< 1.0	< 1.0	< 1.0	**1.3**	< 1.0
Chloroform	7	< 2.0	< 2.0	< 2.0	< 2.0	< 8.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Chloromethane	5	< 2.0	< 2.0 J	< 2.0	< 2.0	**3.2 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
cis-1,2-Dichloroethene	5	**35**	**0.21 J**	**0.79 J**	< 1.0	**25**	**1.1**	**2.6**	**1.8**	< 1.0	**3.5**
Ethylbenzene	5	**0.19 J**	< 1.0	< 1.0	**0.27 J**	< 4.0	< 1.0	< 1.0	< 1.0	**0.73 J**	< 1.0
Isopropylbenzene	5	**1.0**	< 1.0	< 1.0	**6.9**	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m,p-Xylene	NP	**0.25 J**	NA	NA	**0.37 J**	< 8.0	< 2.0	< 2.0	< 2.0	NA	NA
Methylcyclohexane	NP	**3.2**	**2.7**	**0.79 J**	**3.1**	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyltertbutyl ether	10	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	**0.28 J**	**0.32 J**	**24**	< 1.0
Naphthalene	10	< 2.0	NA	NA	< 2.0	< 8.0	< 2.0	< 2.0	< 2.0	NA	NA
n-Butylbenzene	5	< 1.0	NA	NA	**0.33 J**	< 4.0	< 1.0	< 1.0	< 1.0	NA	NA
n-Propylbenzene	5	**1.0**	NA	NA	**4.6**	< 4.0	< 1.0	< 1.0	< 1.0	NA	NA
o-Xylene	5	< 1.0	NA	NA	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	NA	NA
sec-Butylbenzene	5	**0.60 J**	NA	NA	**0.94 J**	< 4.0	< 1.0	< 1.0	< 1.0	NA	NA
tert-Butylbenzene	5	< 1.0	NA	NA	**0.44 J**	< 4.0	< 1.0	< 1.0	< 1.0	NA	NA
Tetrachloroethene	5	**5.3**	**4.7**	**3.6**	**0.43 J**	**11**	**11**	**33**	**33**	< 1.0	< 1.0
Toluene	5	< 1.0	**68**	< 1.0	**0.39 J**	< 4.0	< 1.0	< 1.0	< 1.0	**0.72 J**	< 1.0
Total Xylenes	5	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	5	**1.9**	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	5	**82**	**1.0**	**0.90 J**	< 1.0	**420**	**9.4**	**4.4**	**3.2**	< 1.0	**2.4**
Vinyl chloride	2	**8.2**	< 2.0	< 2.0	< 2.0	< 8.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Legend

< 1.0	Parameter not detected above the laboratory reporting limit
< 1.0	Parameter not detected above the laboratory reporting limit; laboratory reporting limit exceeds NYSDEC Class GA Criteria
1.0	Parameter reported above the laboratory reporting limit but below NYSDEC Class GA Criteria
1.0	Parameter reported at a concentration greater than NYSDEC Class GA Criteria

Notes:
µg/L= micrograms per liter
NP = not promulgated
J = Detected but below the reporting limit (lowest calibration standard); therefore, result is an estimated concentration
ft bg = feet below grade

Table 6
Vertical Profile Groundwater Laboratory Analytical Results
473 President Street Off-Site
Site #C224220A
473 President Street
Brooklyn, NY

Location ID:	NYSDEC Class GA Criteria	SB-WL-1					SB-WL-2				
Sample Depth (ft bg):		10	20	30	40	50	10	20	30	40	50
Date Collected:		01/18/2024	01/18/2024	01/18/2024	01/18/2024	01/19/2024	01/18/2024	01/18/2024	01/18/2024	01/18/2024	01/18/2024
Lab Report Number:		24A1891					24A1891				
Volatile Organic Componds (VOCs) (µg/L)											
1,1-Dichloroethene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	50	< 20	< 20	< 20	< 20	< 20	< 100	< 20	< 20	< 20	< 20
Acetone	50	< 50	< 50	< 50	< 50	< 50	< 250	< 50	< 50	< 50	< 50
Benzene	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	< 0.50	< 0.50	< 0.50	< 0.50
Chloroform	7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	**0.55 J**	< 2.0	< 2.0	< 2.0
cis-1,2-Dichloroethene	5	**5.2**	**3.6**	**3.6**	**0.31 J**	**1.0**	< 5.0	**2.3**	**5.5**	**4.2**	**2.30**
Cyclohexane	NP	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**18 J**	**14**	< 5.0	< 5.0	< 5.0
Ethylbenzene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**32**	**2.5**	< 1.0	< 1.0	< 1.0
Isopropylbenzene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**190**	**95**	< 1.0	< 1.0	< 1.0
Methylcyclohexane	NP	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**14**	**8.3**	< 1.0	< 1.0	< 1.0
Methyltertbtyl ether	10	**0.19 J**	**0.46 J**	**0.18 J**	< 1.0	**0.260 J**	< 5.0	< 1.0	**0.44 J**	**0.21 J**	< 1.0
Tetrachloroethene	5	**10**	**21**	**12**	**2.3**	**5.2**	< 5.0	< 1.0	**51**	**39**	**18**
Tolene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	**0.77 J**	< 1.0	< 1.0	< 1.0
Total Xylenes	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	5	**0.70 J**	**0.38**	**0.43 J**	< 1.0	< 1.0	< 5.0	< 1.0	**0.43 J**	**0.37 J**	**0.29**
Trichloroethene	5	**5.4**	**7.1**	**4.6**	**0.74 J**	**2.0**	< 5.0	< 1.0	**6.6**	**5.3**	**3.50**
Trichlorofloromethane	5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0	< 2.0
Vinyl chloride	2	**0.72 J**	**0.55 J**	< 2.0	< 2.0	< 2.0	< 10	**8.6**	**0.32 J**	< 2.0	< 2.0

Location ID:	NYSDEC Class GA Criteria	SB-WL-3					SB-WL-4				
Sample Depth (ft bg):		20	28.5	33.5	40	50	9	20	30	40	50
Date Collected:		01/22/2024	01/22/2024	01/23/2024	01/23/2024	01/23/2024	01/22/2024	01/22/2024	01/22/2024	01/22/2024	01/22/2024
Lab Report Number:		24A2191					24A2191				
Volatile Organic Componds (VOCs) (µg/L)											
1,1-Dichloroethene	5	< 4.0	< 1.0	< 50	**0.54 J**	**0.57 J**	< 1.0	< 1.0	< 1.0	< 1.0	**0.25 J**
2-Butanone (MEK)	50	**13 J**	< 20	< 1,000	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Acetone	50	< 200	**2.7 J**	< 2,500	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Benzene	1	**370**	**2.5**	**260**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	50	< 2.0	**0.29 J**	< 25	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloroform	7	< 8.0	**2.6**	< 100	< 2.0	< 2.0	**0.43 J**	< 2.0	< 2.0	< 2.0	**0.39 J**
cis-1,2-Dichloroethene	5	< 4.0	< 1.0	**34 J**	**6.4**	**3.4**	< 1.0	**3.0**	< 1.0	**2.0**	**2.6**
Cyclohexane	NP	**270**	< 5.0	< 250	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	5	**1.9 J**	< 1.0	**780**	**0.36 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	5	**45**	**0.34 J**	**34 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylcyclohexane	NP	**180**	**1.0**	< 50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyltertbtyl ether	10	**0.92 J**	**0.29 J**	< 50	**0.53 J**	**0.56 J**	< 1.0	< 1.0	**0.28 J**	**0.53 J**	**0.40 J**
Tetrachloroethene	5	**1.8 J**	< 1.0	**20 J**	**61**	**49**	< 1.0	**11**	< 1.0	**25**	**33**
Tolene	5	**8.4**	< 1.0	**48 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Xylenes	5	**11**	< 1.0	**830**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	5	< 4.0	< 1.0	< 50	**0.35 J**	**0.21 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	5	< 4.0	< 1.0	< 50	**9.1**	**5.1**	< 1.0	**4.3**	< 1.0	**2.4**	**3.8**
Trichlorofloromethane	5	< 8.0	< 2.0	< 100	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Vinyl chloride	2	< 8.0	**2.4**	< 100	**0.28 J**	< 2.0	< 2.0	< 2.0	**12**	< 2.0	< 2.0

Legend	
< 1.0	Parameter not detected above the laboratory reporting limit
< 1.0	Parameter not detected above the laboratory reporting limit; laboratory reporting limit exceeds NYSDEC Class GA Criteria
1.0	Parameter reported at a concentrations greater than NYSDEC Class GA Criteria
1.0	Parameter reported above the laboratory reporting limit bt below the appilicable reglatory standard/criterion

Notes:
µg/L = micrograms per liter
ND = Not Detected
NP = Not Promlgated/ no applicable cleanup criteria
NYSDEC = New York State Department of Environmental Conservation

Table 6
Vertical Profile Groundwater Laboratory Analytical Results
473 President Street Off-Site
Site #C224220A
473 President Street
Brooklyn, NY

Location ID:	NYSDEC Class GA Criteria	SB-WL-5				SB-WL-8				
Sample Depth (ft bg):		10	20	30	40	10	20	30	40	50
Date Collected:		01/19/2024	01/19/2024	01/19/2024	01/19/2024	01/16/2024	01/16/2024	01/16/2024	01/16/2024	01/16/2024
Lab Report Number:		24A1891				24A1617				24A1891
Volatile Organic Compounds (VOCs) (µg/L)										
1,1-Dichloroethene	5	< 1.0	**0.28 J**	**0.38 J**	**0.34 J**	< 5.0	**1.3 J**	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	50	< 20	< 20	< 20	< 20	< 100	< 80.0	< 20	< 20	< 20
Acetone	50	< 50	< 50	< 50	< 50	< 250	< 200	< 50	< 50	< 50
Benzene	1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	< 2.0	< 0.50	**1.3**	< 0.50
Chloroform	7	< 2.0	**0.61**	**0.35**	< 2.0	**1.2 J**	< 8.0	< 2.0	**6.7**	< 2.0
cis-1,2-Dichloroethene	5	**1.2**	**1.5**	**1.2**	**0.81 J**	**61**	**82**	**4.2**	**2.1**	**0.48 J**
Cyclohexane	NP	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 20	< 5.0	< 5.0	< 5.0
Ethylbenzene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0
Methylcyclohexane	NP	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0
Methyltertbtyl ether	10	**0.22 J**	**0.36 J**	**0.35 J**	**0.25 J**	< 5.0	< 4.0	< 1.0	< 1.0	**0.19 J**
Tetrachloroethene	5	**33**	**42**	**45**	**37**	**4.2 J**	**4.1**	**5.8**	**3.1**	**1.2**
Tolene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0
Total Xylenes	5	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0
Trichloroethene	5	**2.8**	**2.9**	**2.2**	**1.2**	**500**	**370 J**	**5.1**	**2.1**	**0.89 J**
Trichlorofloromethane	5	< 2.0	< 2.0	**0.17 J**	**0.19 J**	< 10	< 8.0	< 2.0	< 2.0	< 2.0
Vinyl chloride	2	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 8.0	< 2.0	< 2.0	< 2.0

Boring ID:	NYSDEC Class GA Criteria	SB-WL-9					SB-WL-10				
Sample ID:		10	20	30	40	50	10	20	30	40	50
Date Collected:		01/15/2024	01/15/2024	01/15/2024	01/15/2024	01/15/2024	01/17/2024	01/17/2024	01/17/2024	01/17/2024	01/17/2024
Lab Report Number:		24A1617	24A1617	24A1617	24A1617	24A1617	24A1617	24A1617	24A1617	24A1617	24A1891
Volatile Organic Compounds (VOCs) (µg/L)											
1,1-Dichloroethene	5	< 1.0	**0.34 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.40 J**	**0.43 J**	**0.37 J**
2-Butanone (MEK)	50	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Acetone	50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	**2.8 J**	< 50	< 50
Benzene	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloroform	7	**0.35 J**	**0.28 J**	< 2.0	**0.18 J**	< 2.0	< 2.0	< 2.0	**0.25 J**	**0.37 J**	**0.22 J**
cis-1,2-Dichloroethene	5	**7.0**	**29**	**12**	**9.2**	**5.9**	< 1.0	**1.9**	**1.6**	**1.2**	**0.86 J**
Cyclohexane	NP	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylcyclohexane	NP	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyltertbtyl ether	10	< 1.0	< 1.0	**0.26 J**	**0.27 J**	< 1.0	< 1.0	**0.21 J**	**0.47 J**	**0.37 J**	**0.30 J**
Tetrachloroethene	5	**0.62 J**	**2.6**	**9.4**	**11**	**9.8**	< 1.0	**50**	**47**	**45**	**35**
Tolene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Xylenes	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	5	< 1.0	**1.10**	**0.60 J**	**0.61 J**	**0.56 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	5	**4.3**	**37**	**30**	**8.9**	**5.3**	< 1.0	**4.0**	**2.7**	**1.9**	**1.4**
Trichlorofloromethane	5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	**0.22 J**	**0.22 J**
Vinyl chloride	2	< 2.0	**0.49 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Legend	
< 1.0	Parameter not detected above the laboratory reporting limit
< 1.0	Parameter not detected above the laboratory reporting limit; laboratory reporting limit exceeds NYSDEC Class GA Criteria
1.0	Parameter reported at a concentrations greater than NYSDEC Class GA Criteria
1.0	Parameter reported above the laboratory reporting limit bt below the appilicable reglatory standard/criterion

Notes:
µg/L = micrograms per liter
ND = Not Detected
NP = Not Promlgated/ no applicable cleanup criteria
NYSDEC = New York State Department of Environmental Conservation

Table 7
Exterior Soil Vapor Points
Soil Vapor/Air Laboratory Analytical Results (Detections Only)
Volatile Organic Compounds
473 President Street
Site No. C224220A
Brooklyn, NY

Lab Report No:	22J3301								22J4339	22J3301	
Sample ID:	SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8	SV-9	SV-10	SV-11
Date Collected:	10/20/2022	10/20/2022	10/20/2022	10/20/2022	10/20/2022	10/20/2022	10/20/2022	10/20/2022	10/27/2022	10/20/2022	10/20/2022
Volatile Organic Compounds (µg/m³)											
1,1,1-Trichloroethane	**0.94 J**	< 1.1	< 1.1	< 1.1	< 110	< 1.1	**11**	< 1.1	< 1.1	**23**	< 1.1
1,1,2-Trichlorotrifluoroethane (Freon 113)	< 6.1	< 6.1	< 6.1	< 6.1	< 610	< 6.1	< 6.1	< 6.1	< 6.1	< 6.1	< 6.1
1,1-Dichloroethane	< 0.81	< 0.81	< 0.81	< 0.81	< 81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81
1,1-Dichloroethene	< 0.79	< 0.79	< 0.79	< 0.79	**350**	**1.4**	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79
1,2,4-Trimethylbenzene	**1.4**	**2.0**	**1.4**	**1.5**	< 98	**1.0**	**1.5**	**1.1**	< 0.98	**1.5**	**1.8**
1,2-Dichloroethane	< 0.81	< 0.81	< 0.81	< 0.81	< 81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81
1,2-Dichloropropane	< 0.92	< 0.92	< 0.92	< 0.92	< 92	< 0.92	< 0.92	< 0.92	< 0.92	< 0.92	< 0.92
1,3 Butadiene	< 0.44	< 0.44	< 0.44	< 0.44	< 44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44
1,3,5-trimethyl-benzene	< 0.98	**0.55 J**	< 0.98	< 0.98	< 98	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98
1-Ethyl-4-methyl-benzene	< 0.98	**0.92 J**	< 0.98	< 0.98	< 98	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98
2-Butanone (MEK)	< 24	< 24	< 24	< 24	< 2,400	< 24	< 24	**13 J**	< 24	**8.4 J**	**9.0 J**
2-Hexanone (Methyl butyl ketone/MBK)	**0.44 J**	**0.69 J**	**0.52 J**	**0.67 J**	< 82	< 0.82	**0.59 J**	**0.87**	< 0.82	**0.97**	< 0.82
Acetone	**36**	**32**	**25**	**94**	< 1,900	< 19	**36**	**74**	**12 J**	**57**	**150**
Acrolein	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	**0.87**	< 0.64	< 0.64	**1.0**	**100**	**3.7**	**1.2**	**2.7**	< 0.64	**2.8**	**1.5**
Bromodichloromethane	< 1.3	< 1.3	< 1.3	**1.3 J**	< 130	< 1.3	< 1.3	< 1.3	< 1.3	**9.4**	**28**
Carbon disulfide	**1.3 J**	**1.4 J**	**1.2 J**	**4.2 J**	< 620	**2.3 J**	**2.7 J**	**4.3 J**	**1.0 J**	**5.4 J**	**8.4**
Carbon tetrachloride	< 1.3	< 1.3	< 1.3	< 1.3	< 130	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Chlorobenzene	< 0.92	< 0.92	< 0.92	< 0.92	< 92	< 0.92	< 0.92	< 0.92	< 0.92	< 0.92	< 0.92
Chloroethane	< 0.53	< 0.53	< 0.53	< 0.53	< 53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53
Chloroform	**13**	**5.0**	**36**	**47**	**1,100**	**5.4**	**7.5**	**13**	**9.1**	**260**	**480**
Chloromethane	< 0.83	< 0.83	**0.37 J**	< 0.83	< 83	**0.43 J**	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83
cis-1,2-Dichloroethene	**2.4**	**0.62 J**	< 0.79	< 0.79	**13,000**	**36**	**2.2**	< 0.79	< 0.79	< 0.79	< 0.79
Cyclohexane	< 0.69	< 0.69	< 0.69	< 0.69	**560**	**2.3**	**1.4**	< 0.69	< 0.69	**0.76**	**1.5**
Dibromochloromethane	< 1.7	< 1.7	< 1.7	**2.3**	< 170	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Dichlorodifluoromethane	**3.6**	**1.9**	**2.1**	**2.0**	< 99	**1.9**	**1.8**	**1.7**	**2.2**	**1.9**	**2.0**
Ethanol	**10 J**	**11 J**	**11 J**	**9.9 J**	**710 J**	**9.8 J**	**12 J**	**11 J**	**12 J**	**10 J**	**23**
Ethylbenzene	< 0.87	< 0.87	< 0.87	**0.57 J**	< 87	< 0.87	**0.61 J**	< 0.87	< 0.87	< 0.87	**1.0**
Heptane	< 0.82	< 0.82	< 0.82	**0.64 J**	< 82	**14**	**1.1**	**0.87**	< 0.82	**1.7**	**1.7**
Hexane	< 28	< 28	< 28	< 28	< 2,800	**440**	< 28	< 28	< 28	**4.3 J**	**16 J**
Isopropyl Alcohol	**100**	**84**	**69**	**70**	< 2,000	**67**	**100**	**65**	**96**	**57**	**110**
m,p-Xylene	**1.3 J**	**1.7 J**	**1.3 J**	**2.2**	< 170	**1.5 J**	**2.2**	**1.1 J**	< 1.7	**1.7 J**	**3.4**
Methyl isobutyl ketone (MIBK)	< 0.82	< 0.82	< 0.82	**0.57 J**	< 82	< 0.82	< 0.82	**0.87**	< 0.82	**0.77 J**	< 0.82
Methylene chloride	< 6.9	< 6.9	< 6.9	< 6.9	< 690	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9
Naphthalene	< 1.0	< 1.0	< 1.0	< 1.0	< 100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	**0.50 J**	**0.92**	**0.56 J**	**1.1**	< 87	**0.59 J**	**0.87**	**0.52 J**	< 0.87	**0.66 J**	**1.3**
Propene	< 14	< 14	< 14	**4.2 J**	< 1,400	< 14	**6.9 J**	< 14	< 14	**12 J**	< 14
Styrene	< 0.85	< 0.85	< 0.85	< 0.85	< 85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	**1.8**
Tetrachloroethene	**700**	**28**	**10**	**15**	**460**	**4.1**	**100**	**4.6**	**1.5**	**340**	**57**
Tetrahydrofuran	< 5.9	< 5.9	< 5.9	**2.3 J**	< 590	< 5.9	< 5.9	< 5.9	< 5.9	< 5.9	< 5.9
Toluene	**2.2**	**2.1**	**2.1**	**2.8**	**45 J**	**3.3**	**4.9**	**2.1**	**0.60 J**	**3.3**	**3.7**
trans-1,2-Dichloroethene	< 0.79	< 0.79	< 0.79	< 0.79	< 79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79	< 0.79
Trichloroethene	**60**	**0.82 J**	< 1.1	**2.9**	**86,000**	**180**	**13**	**0.86 J**	**1.8**	**3.8**	**40**
Trichlorofluoromethane	**5.7**	**9.6**	**19**	**11**	< 450	**1.5 J**	**17**	< 4.5	< 4.5	**1.6 J**	< 4.5
Vinyl chloride	< 0.51	< 0.51	< 0.51	< 0.51	**920**	**3.1**	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51

Legend	
< 1	Parameter not detcted above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the appilicable regulatory standard/criterion

Notes:
J = Value is estimated
NYSDOH = New York State Department of Health
NP = not promulgated/ no applicable action level
µg/m3 = micrograms per cubic meter

Table 7
Exterior Soil Vapor Points
Soil Vapor/Air Laboratory Analytical Results (Detections Only)
Volatile Organic Compounds
473 President Street
Site No. C224220A
Brooklyn, NY

Lab Report No:	22J3301			23A2216				22J3301	22J4339	23A2216
Sample ID:	SV-12	SV-13	SV-14	SV-15	SV-16	SV-17	SV-18	OA-1	OA-1	OA-1
Date Collected:	10/20/2022	10/20/2022	10/20/2022	01/18/2023	01/18/2023	01/18/2023	01/18/2023	10/20/2022	10/27/2022	01/18/2023
Volatile Organic Compounds (µg/m³)										
1,1,1-Trichloroethane	< 1.1	**5.3**	**1.1**	< 0.27	< 0.27	**0.22 J**	< 16	< 0.19	< 0.19	< 0.27
1,1,2-Trichlorotrifluoroethane (Freon 113)	< 6.1	**1.7 J**	< 6.1	< 1.5	**0.74 J**	**0.47 J**	< 92	**0.40 J**	**0.40 J**	< 1.5
1,1-Dichloroethane	< 0.81	**1.3**	< 0.81	< 0.20	< 0.20	**0.19 J**	< 12	< 0.14	< 0.14	< 0.20
1,1-Dichloroethene	< 0.79	< 0.79	< 0.79	< 0.20	< 0.20	< 0.20	< 12	< 0.14	< 0.14	< 0.20
1,2,4-Trimethylbenzene	**1.9**	**1.7**	**2.3**	**0.81**	**5.9**	**1.2**	< 15	**0.22**	**0.16 J**	**0.12 J**
1,2-Dichloroethane	< 0.81	< 0.81	< 0.81	< 0.20	< 0.20	**0.53**	< 12	< 0.14	< 0.14	< 0.20
1,2-Dichloropropane	< 0.92	< 0.92	< 0.92	< 0.23	< 0.23	< 0.23	< 14	< 0.16	< 0.16	< 0.23
1,3 Butadiene	< 0.44	< 0.44	< 0.44	< 0.11	< 0.11	< 0.11	< 6.6	**0.082**	< 0.077	**0.11**
1,3,5-trimethyl-benzene	< 0.98	< 0.98	< 0.98	**0.17 J**	**0.99**	**0.29**	< 15	< 0.17	< 0.17	< 0.25
1-Ethyl-4-methyl-benzene	< 0.98	< 0.98	< 0.98	**0.21 J**	**1.4**	**0.37**	< 15	< 0.17	< 0.17	< 0.25
2-Butanone (MEK)	< 24	< 24	< 24	< 5.9	**4.6 J**	< 5.9	< 350	< 4.1	**1.4 J**	< 5.9
2-Hexanone (Methyl butyl ketone/MBK)	< 0.82	< 0.82	**0.52 J**	< 0.20	**0.58**	< 0.20	< 12	< 0.14	**0.44**	< 0.20
Acetone	**67**	**32**	**29**	**34**	**43**	**44**	< 290	**7.7**	**9.1**	**4.5 J**
Acrolein	NA	NA	NA	< 2.3	**0.66 J**	< 2.3	< 140	NA	NA	< 2.3
Benzene	**24**	**2.0**	**0.98**	**1.2**	**1.3**	**3.6**	**16**	**0.57**	**0.31**	**0.31**
Bromodichloromethane	< 1.3	< 1.3	< 1.3	< 0.34	< 0.34	< 0.34	< 20	< 0.24	< 0.23	< 0.34
Carbon disulfide	**5.9 J**	**1.3 J**	**3.1 J**	**0.69 J**	**0.64 J**	**0.39 J**	**25 J**	< 1.1	< 1.1	< 1.6
Carbon tetrachloride	< 1.3	< 1.3	< 1.3	< 0.31	< 0.31	< 0.31	< 19	**0.45**	**0.44**	< 0.31
Chlorobenzene	< 0.92	< 0.92	< 0.92	< 0.23	< 0.23	**0.31**	< 14	< 0.16	< 0.16	< 0.23
Chloroethane	< 0.53	< 0.53	< 0.53	< 0.13	< 0.13	**0.13**	< 7.9	< 0.093	< 0.092	< 0.13
Chloroform	**16**	**20**	**25**	**0.33**	**1.0**	**0.35**	**77**	< 0.17	< 0.17	< 0.24
Chloromethane	**0.51 J**	< 0.83	< 0.83	**0.42**	**0.55**	< 0.21	< 12	**0.9**	**0.87**	**0.32**
cis-1,2-Dichloroethene	**2.4**	**84**	< 0.79	**0.57**	< 0.20	< 0.20	< 12	< 0.14	< 0.14	< 0.20
Cyclohexane	**1.1**	< 0.69	< 0.69	**0.33**	**2.3**	**6.5**	**9,400**	**0.15**	< 0.12	< 0.17
Dibromochloromethane	< 1.7	< 1.7	< 1.7	< 0.43	< 0.43	< 0.43	< 26	< 0.30	< 0.30	< 0.43
Dichlorodifluoromethane	**2.0**	**1.8**	**1.7**	**0.96**	**1.2**	**0.62**	< 15	**1.0**	**1.0**	**0.61**
Ethanol	**10 J**	**18**	**14 J**	**16**	**7.2**	**3.7 J**	< 230	**8.3**	**13**	**4.0**
Ethylbenzene	**0.56 J**	< 0.87	< 0.87	**0.80**	**3.7**	**1.3**	**8.9 J**	**0.20**	**0.12 J**	**0.13 J**
Heptane	**0.77 J**	**1.3**	< 0.82	**0.82**	**1.2**	**25**	**14**	**1.4**	**0.19**	< 0.20
Hexane	**4.5 J**	< 28	< 28	**3.1 J**	**2.0 J**	**65**	< 420	**1.7 J**	< 4.9	< 7
Isopropyl Alcohol	**74**	**60**	**82**	**13**	**7.5**	**3.4 J**	< 290	**1.6 J**	**9.2**	< 4.9
m,p-Xylene	**2.1**	**1.9**	**1.5 J**	**3.2**	**16**	**5.0**	**25 J**	**0.62**	**0.37**	**0.40 J**
Methyl isobutyl ketone (MIBK)	< 0.82	< 0.82	**0.75 J**	< 0.20	**0.35**	< 0.20	< 12	**0.16**	**0.26**	< 0.20
Methylene chloride	< 6.9	< 6.9	< 6.9	**2.6**	< 1.7	< 1.7	< 100	< 1.2	< 1.2	< 1.7
Naphthalene	< 1.0	< 1.0	< 1.0	< 0.26	**0.44**	< 0.26	< 16	**0.25**	**0.19**	< 0.26
o-Xylene	**0.87**	**0.78 J**	**0.66 J**	**1.1**	**5.3**	**1.6**	**7.6 J**	**0.25**	**0.15 J**	**0.15 J**
Propene	**14**	< 14	< 14	< 3.4	< 3.4	**2.6 J**	< 210	< 2.4	**0.67 J**	< 3.4
Styrene	< 0.85	< 0.85	< 0.85	< 0.21	**0.35**	**0.20 J**	< 13	< 0.15	< 0.15	< 0.21
Tetrachloroethene	**11**	**380**	**33**	< 0.34	**0.77**	**0.52**	**29**	**0.26**	< 0.24	< 0.34
Tetrahydrofuran	**5.7 J**	**240**	< 5.9	< 1.5	< 1.5	< 1.5	< 88	< 1.0	< 1.0	< 1.5
Toluene	**5.4**	**2.6**	**2.6**	**9.0**	**120**	**8.3**	**29**	**2.2**	**0.71**	**0.44**
trans-1,2-Dichloroethene	< 0.79	**3.9**	< 0.79	< 0.20	< 0.20	< 0.20	< 12	< 0.14	< 0.14	< 0.20
Trichloroethene	**1.7**	**70**	< 1.1	**0.56**	< 0.27	< 0.27	< 16	< 0.19	< 0.19	< 0.27
Trichlorofluoromethane	< 4.5	**1.5 J**	< 4.5	**0.96 J**	**1.5**	**0.73 J**	< 67	**1.0**	**1.0**	**0.54 J**
Vinyl chloride	< 0.51	< 0.51	< 0.51	< 0.13	< 0.13	< 0.13	< 7.7	< 0.09	< 0.089	< 0.13

Legend	
< 1	Parameter not detcted above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the appilicable regulatory standard/criterion

Notes:
J = Value is estimated
NYSDOH = New York State Department of Health
NP = not promulgated/ no applicable action level
µg/m3 = micrograms per cubic meter

ATTACHMENT A
Field Logs

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: HRP-MW-1

PAGE 1 **OF** 1

PROJECT: 473 President Street Off-Site	**SCREEN SIZE & TYPE:** 2-inch PVC Schedule 40
JOB NUMBER: DEC1035.P2	**SLOT NO.:** 0.010-inch **SETTING:** 16'-6'
DATE COMPLETED: 10/17/22	**SAND PACK SIZE & TYPE:** #1 Sand
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 16'-4'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 2-inch Schedule 40 PVC
DRILLING METHOD: 4" Hollow Stem Auger	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore	**SETTING:** 4'-2'
OBSERVER: RL	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): N/A	**STATIC WATER LEVEL:** ~8'
STICK-UP: No	
SURFACE COMPLETION: Flush Mount Road Box	

REMARKS: Located at southeast corner of Union Street/Nevins Street intersection; SV-5 installed in same borehole.

ABBREVIATIONS: ft bg = feet below grade; REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5	MC	N/A	3	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-4.5 ft bg) SAND (medium-coarse), some gravel (fine-medium), trace brick and coal, brown, grades to finer sand with some silt at 4.5 ft bg	0.0
					Moist	(4.5-5 ft bg) SAND (fine), some silt, trace coal, brown	0.0
5	10	MC	N/A	3.5	Wet	SAND (medium-coarse) SAND, some silt, trace gravel (coarse), brown	24.5
10	15	MC	N/A	3.5	Wet	SAND (medium-coarse) SAND, some silt, trace gravel (coarse), brown	20.2
15	16	MC	N/A	1	Wet	SAND (medium-coarse) SAND, some silt, trace gravel (coarse), brown	14.4
						End of boring @ 16 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: HRP-MW-2

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PROJECT: 473 President St Off-site	**SCREEN SIZE & TYPE:** 2-inch PVC Schedule 40
JOB NUMBER: DEC1035.P2	**SLOT NO.:** 0.010-inch **SETTING:** 17'-7'
DATE COMPLETED: 1/16/23	**SAND PACK SIZE & TYPE:** #1 Sand
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 17'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 2-inch Schedule 40 PVC
DRILLING METHOD: 4" Hollow Stem Auger	**SETTING:** 7'-0'
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore	**SETTING:** 5'-2'
OBSERVER: SD	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): N/A	**STATIC WATER LEVEL:** ~9'
STICK-UP: No	
SURFACE COMPLETION: Flush Mount Road Box	

REMARKS: Located on west side of Nevins St., north of Union St. Paired with SV-15.

ABBREVIATIONS: ft bg = feet below grade; REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5	MC	N/A	0.5	Moist	(0-0.5 ft bg) CONCRETE	0.0
				1	Moist	(0.5-2 ft bg) GRAVEL (f-m) and SILT, some gravel (c) and sand (f-m), dark brown, no odor.	0.0
				1.5	Moist	(2-5 ft bg) SAND (f-c) and GRAVEL, some gravel (c), light tan.	0.0
5	10	MC	N/A	3	Moist	SAND (f-c) and GRAVEL, some gravel (c), light tan.	0.0
10	15	MC	N/A	3	Wet	SAND (f-c) and GRAVEL, some gravel (c), dark brown.	0.2
15	20	MC	N/A	5	Wet	SAND (f-c) and GRAVEL (f-m), brown.	0.1
						End of boring @ 20 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: HRP-MW-3

PAGE 1 **OF** 1

PROJECT: 473 President Street Off-site	**SCREEN SIZE & TYPE:** 2-inch PVC Schedule 40
JOB NUMBER: DEC1035.P2	**SLOT NO.:** 0.010-inch **SETTING:** 17'-7'
DATE COMPLETED: 1/16/23	**SAND PACK SIZE & TYPE:** #1 Sand
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 17'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 2-inch Schedule 40 PVC
DRILLING METHOD: 4" Hollow Stem Auger	**SETTING:** 7'-0'
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore	**SETTING:** 5'-2'
OBSERVER: SD	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): N/A	**STATIC WATER LEVEL:** ~9'
STICK-UP: No	
SURFACE COMPLETION: Flush Mount Road Box	

REMARKS: Located on north side of Union St., west of Nevins St. Co-located with SV-16.

ABBREVIATIONS: ft bg = feet below grade; REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5	MC	N/A	0.5	Moist	(0-0.5 ft bg) CONCRETE	0.2
				2	Moist	(0.5-4 ft bg) SAND (fine) and GRAVEL (fine-medium), some sand (medium-coarse) and gravel (coarse), trace brick, red-brown, no odor.	0.2
				1.5	Moist	(4-5 ft bg) SILT and SAND (fine), some gravel (coarse), tan-brown	0.2
5	10	MC	N/A	1.5	Moist	(5-7 ft bg) SAND (fine) and GRAVEL (fine-medium), some sand (medium-coarse) and gravel (coarse), trace brick, red-brown, no odor.	0.0
				2.5	Wet	(7-10 ft bg) SAND (fine) and SILT, some gravel (fine-coarse), red-brown, no odor.	0.0
10	15	MC	N/A	1.5	Wet	(10-12 ft bg) SILT and SAND (fine), dark brown, no odor.	0.0
				2.5	Wet	(12-15 ft bg) SILT and SAND (fine), some gravel (fine0medium), trace gravel (coarse), trace organics, dark brown, no odor.	0.0
15	20	MC	N/A	5	Wet	SAND (fine) and SILT, some clay and sand (coarse), dark brown, no odor.	2.5
						End of boring @ 20.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: HRP-MW-4

PAGE 1 **OF** 1

PROJECT: 473 President Street Off-site	**SCREEN SIZE & TYPE:** 2-inch PVC Schedule 40
JOB NUMBER: DEC1035.P2	**SLOT NO.:** 0.010-inch **SETTING:** 16'-6'
DATE COMPLETED: 1/17/23	**SAND PACK SIZE & TYPE:** No. 1 Filter Sand
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 16'-4'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 2-inch Schedule 40 PVC
DRILLING METHOD: 4" Hollow Stem Auger	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore	**SETTING:** 4'-2'
OBSERVER: SD	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): N/A	**STATIC WATER LEVEL:** ~8'
STICK-UP: No	
SURFACE COMPLETION: Flush Mount Road Box	

REMARKS: Located on east side of Nevins St., north of Union St. Co-located with SV-17. 194 ppm at well head after installation.

ABBREVIATIONS: ft bg = feet below grade; REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5	MC	N/A	0.5	Moist	(0-0.5 ft bg) CONCRETE	0.0
				2.5	Moist	(0.5-5 ft bg) SAND (fine) and SILT, red-brown	0.0
5	10	MC	N/A	2	Moist	(5-7.5 ft bg) SAND (fine) and SILT, red-brown.	0.1
				2	Wet	(7.5-10 ft bg) SAND (fine) and SILT, red-brown, dark staining, fuel odor	> 2000
10	15	MC	N/A	0.75	Wet	(10-11 ft bg) SAND (fine) and SILT, red-brown, dark staining, fuel odor	> 2000
				0.75	Wet	(11-12 ft bg) GRAVEL (fine-coarse) and SAND (fine), dark brown	380
				2.5	Wet	(12-15 ft bg) SAND (fine) and SILT, dark brown	12.4
15	20	MC	N/A	5	Wet	SAND (fine-medium), some dark staining	5.9
						End of boring @ 20 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: HRP-MW-4D

PAGE 1 **OF** 2

PROJECT: 473 President St Off-Site	**SCREEN SIZE & TYPE:** 2-inch Schedule 40 PVC
JOB NUMBER: DEC1035.P2	**SLOT NO.:** 0.010-inch **SETTING:** 20'-30'
DATE COMPLETED: 4/11/24	**SAND PACK SIZE & TYPE:** #1 Filter Sand
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 18'-30'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 2-inch Schedule 40 PVC
DRILLING METHOD: 4" Hollow Stem Auger	**SETTING:** 0'-20'
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore	**SETTING:** 16'-18'
OBSERVER: NZ	**BACKFILL TYPE:** Cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** ~8'
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Located south of HRP-MW-4, northeast corner of Union St/Nevins St intersection

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
FROM	TO						
0	5	MC	N/A	1.5	Dry	(0-5 ft bg) SAND (f), little silt, little sand (vf), trace asphalt, brown, no odor	0.0
5	10	MC	N/A	2.0	Moist	(5-8.5 ft bg) SAND (f), little silt, little sand (vf), brown, no odor	0.0
10	15	MC	N/A	3.5	Wet	(8.5-10 ft bg) SAND (f), little silt, little sand (vf), brown, no odor	0.0
					Wet	(11-15 ft bg) SAND (f), little silt, little sand (vf), dark brown, gasoline odor, PID reading at 14'	10.6
15	20	MC	N/A	4.5	Wet	(15-20 ft bg) SAND (f), little silt, little sand (vf), dark brown, gasoline odor	1.6
20	25	MC	N/A	4.5	Wet	(20-24.5 ft bg) SAND (f), little silt, little sand (vf), dark brown, faint gasoline odor	1.0
					Wet	(24.5-25 ft bg) GRAVEL (f), Some Sand (f-m), dark brown, faint gasoline odor	1.2

PROJECT: 473 President Street Off-Site	JOB NUMBER: DEC1035.P2
WELL NO.: HRP-MW-4D	**PAGE** 2 **OF** 2

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
FROM	TO						
25	30	MC	N/A	5	Wet	(25-26 ft bg) GRAVEL (f), Some Sand (f-m), dark brown, faint gasoline odor	1.2
					Wet	(26-27 ft bg) SAND (f-m), dark brown, faint gasoline odor	1.2
					Wet	(27-29.5 ft bg) SAND (m-c), Some Cobbles, brown/ dark brown, faint gasoline odor	0.9
					Wet	(29.5-30 ft bg) CLAY, Some Silt, Some Sand (f), trace cobbles, gray/ brown, strong gasoline odor	18.6
						End of boring @ 30 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: HRP-MW-5

PAGE 1 **OF** 1

PROJECT: 473 President Street Off-site	**SCREEN SIZE & TYPE:** 2-inch PVC Schedule 40
JOB NUMBER: DEC1035.P2	**SLOT NO.:** 0.010-inch **SETTING:** 16'-6'
DATE COMPLETED: 1/16/23	**SAND PACK SIZE & TYPE:** #1 Sand
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 16'-4'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 2-inch Schedule 40 PVC
DRILLING METHOD: 4" Hollow Stem Auger	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore	**SETTING:** 4'-2'
OBSERVER: SD	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): N/A	**STATIC WATER LEVEL:** ~8'
STICK-UP: No	
SURFACE COMPLETION: Flush Mount Road Box	

REMARKS: Located near southwest corner of Nevins St. and Union St. Co-located with SV-18.

ABBREVIATIONS: ft bg = feet below grade; REC = recovery; PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5	MC	N/A	0	---	NO RECOVERY	---
5	10	MC	N/A	3	Moist	SAND (fine) and SILT, trace sand (medium), brown.	13.4
10	15	MC	N/A	4	Wet	SAND (fine) and SILT, trace sand (medium), brown.	0.5
15	20	MC	N/A	5	Wet	SAND (fine-coarse), Some Silt, brown.	0.1
						End of boring @ 20 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: HRP-MW-6S

PAGE 1 **OF** 2

PROJECT: 473 President St Off-site	**SCREEN SIZE & TYPE:** 2-inch Schedule 40 PVC
JOB NUMBER: DEC1035.P2	**SLOT NO.:** 0.010-inch **SETTING:** 6'-16'
DATE COMPLETED: 4/15/24	**SAND PACK SIZE & TYPE:** #1 Sand
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 4'-16'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 2-inch Schedule 40 PVC
DRILLING METHOD: 4" Hollow Stem Auger	**SETTING:** 0'-6'
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore	**SETTING:** 2'-4'
OBSERVER: NZ	**BACKFILL TYPE:** Gravel
REFERENCE POINT (RP): N/A	**STATIC WATER LEVEL:** ~8'
STICK-UP: No	
SURFACE COMPLETION: Flush Mount Road Box	

REMARKS: Northwest corner of Union St Nevins St intersection, outside 543 Union St. Next to HRP-MW-6S (east).

ABBREVIATIONS: ft bg = feet below grade

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5	MC	N/A	1	Dry	(0-2 ft bg) SAND (m) and CONCRETE, brown, no odor	0.0
				1.5	Dry	(2-5 ft bg) SAND (m), Some Sand (f), brown, no odor	0.0
5	10	MC	N/A	1	Dry	(5-8 ft bg) SAND (m), Some Sand (f), trace gravel (c), brown, no odor	0.0
				1	Wet	(8-10 ft bg) SAND (m), Some Sand (f), brown, no odor	2.8
10	15	MC	N/A	1	Wet	(10-11 ft bg) SAND (m), Some Sand (f), trace gravel (c), brown, no odor	0.0
				1.5	Wet	(11-15 ft bg) SAND (c), Some Gravel (c-m), trace sand (m), brown, no odor	0.9
15	20	MC	N/A	2.5	Wet	(15-20 ft bg) SAND (c), Some Gravel (c-m), trace sand (m), brown, no odor	0.0
20	25	MC	N/A	5	Wet	20-25 SAND (c), Some Gravel (c), trace sand (m), brown, no odor	0.0
25	30	MC	N/A	4	Wet	(25-30 ft bg) SAND (c), Some Gravel (c at 27.5-28), trace sand (m at 29-30), brown, no odor	0.0

PROJECT: 473 President Street Off-Site	JOB NUMBER: DEC1035.P2
WELL NO.: HRP-MW-6S	**PAGE** 2 **OF** 2

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
FROM	TO						
						End of boring @ 30 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: HRP-MW-6D

PAGE 1 **OF** 2

PROJECT: 473 President St Off-Site	**SCREEN SIZE & TYPE:** 2-inch Schedule 40 PVC
JOB NUMBER: DEC1035.P2	**SLOT NO.:** 0.010-inch **SETTING:** 20'-30'
DATE COMPLETED: 4/15/24	**SAND PACK SIZE & TYPE:** #1 Filter Sand
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 18'-30'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 2-inch Schedule 40 PVC
DRILLING METHOD: 4" Hollow Stem Auger	**SETTING:** 0'-20'
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore	**SETTING:** 16'-18'
OBSERVER: NZ	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): N/A	**STATIC WATER LEVEL:** ~8'
STICK-UP: No	
SURFACE COMPLETION: Flush Mount Road Box	

REMARKS: Northwest corner of Union St Nevins St intersection, outside 543 Union St. Next to HRP-MW-6S (east).

ABBREVIATIONS: ft bg = feet below grade; REC = Recovery; PPM = parts per million

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
FROM	TO						
0	5	MC	N/A	1	Dry	(0-2 ft bg) SAND (m) and CONCRETE, brown, no odor	0.0
				1.5	Dry	(2-5 ft bg) SAND (m), Some Sand (f), brown, no odor	0.0
5	10	MC	N/A	1	Dry	(5-8 ft bg) SAND (m), Some Sand (f), trace gravel (c), brown, no odor	0.0
				1	Wet	(8-10 ft bg) SAND (m), Some Sand (f), brown, no odor	2.8
10	15	MC	N/A	1	Wet	(10-11 ft bg) SAND (m), Some Sand (f), trace gravel (c), brown, no odor	0.0
				1.5	Wet	(11-15 ft bg) SAND (c), Some Gravel (c-m), trace sand (m), brown, no odor	0.9
15	20	MC	N/A	2.5	Wet	(15-20 ft bg) SAND (c), Some Gravel (c-m), trace sand (m), brown, no odor	0.0
20	25	MC	N/A	5	Wet	20-25 SAND (c), Some Gravel (c), trace sand (m), brown, no odor	0.0
25	30	MC	N/A	4	Wet	(25-30 ft bg) SAND (c), Some Gravel (c at 27.5-28), trace sand (m at 29-30), brown, no odor	0.0

PROJECT: 473 President Street Off-Site	JOB NUMBER: DEC1035.P2
WELL NO.: HRP-MW-6D	**PAGE** 2 **OF** 2

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
FROM	TO						
						End of boring @ 30 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: HRP-MW-7S

PAGE 1 **OF** 2

PROJECT: 473 President St Off-site	**SCREEN SIZE & TYPE:** 2-inch Schedule 40 PVC
JOB NUMBER: DEC1035.P2	**SLOT NO.:** 0.010-inch **SETTING:** 6'-16'
DATE COMPLETED: 4/16/24	**SAND PACK SIZE & TYPE:** #1 Sand
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 4'-16'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 2-inch Schedule 40 PVC
DRILLING METHOD: 4" Hollow Stem Auger	**SETTING:** 0'-6'
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore	**SETTING:** 2'-4'
OBSERVER: NZ	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): N/A	**STATIC WATER LEVEL:** ~8'
STICK-UP: No	**Location:**
SURFACE COMPLETION: Flush Mount Road Box	
REMARKS: Located west of northwest corner of Union St Nevins St intersection, outside 543 Union St. Next to HRP-MW-7D.	
ABBREVIATIONS: ft bg = feet below grade; REC = Recovery; PPM = parts per million	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5	MC	N/A	1	Dry	(0-2.5 ft bg) SAND, Some Gravel, little silt, black to dark brown, concrete chunks from 2.0 – 2.5 ft bg	0.0
				1	Dry	(2.5-5 ft bg) SAND (f), little gravel and silt, brown/ light brown, no odor	0.0
5	10	MC	N/A	1.5	Dry	(5-8.5 ft bg) SAND (f), brown, no odor	0.0
				1.5	Wet	(8.5-10 ft bg) SAND (f), little gravel, brown, no odor	0.0
10	15	MC	N/A	2	Wet	(10-13.5 ft bg) SAND (m-f), Some Gravel, Some Sand (c), brown, no odor	0.0
				2	Wet	(13.5-15 ft bg) SAND (m-c), Some Gravel, little sand (f), brown, no odor	0.0
15	20	MC	N/A	2.5	Wet	(15-18 ft bg) SAND (m-c), Some Gravel, little sand (f), brown, no odor	0.0
				2.5	Wet	(18-20 ft bg) SAND (c), Some Gravel, darker brown, no odor	0.0
20	25	MC	N/A	5	Wet	(20-25 ft bg) SAND (c-m) and GRAVEL (f-med), little gravel (c) at 23ft, trace sand (f), brown, no odor	0.0

25	30	MC	N/A	2.5	Wet	(25-27.5 ft bg) SAND (f-m), coarser moving down, brown, no odor	0.0
				0.5	Wet	(27.5-28 ft bg) GRAVEL (f, angular), no odor	0.0
				1	Wet	(28-29 ft bg) COBBLES and SAND (vf), some pebbles, little silt, brown, no odor	0.0
				1	Wet	(29-30 ft bg) GRAVEL (f) and SAND (vf), little gravel (med-coarse), brown, no odor	0.0
						End of boring @ 30 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: HRP-MW-7D

PAGE 1 **OF** 2

PROJECT: 473 President St Off-site	**SCREEN SIZE & TYPE:** 2-inch Schedule 40 PVC
JOB NUMBER: DEC1035.P2	**SLOT NO.:** 0.010-inch **SETTING:** 15'-25'
DATE COMPLETED: 4/16/24	**SAND PACK SIZE & TYPE:** #1 Sand
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 13'-25'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 2-inch Schedule 40 PVC
DRILLING METHOD: 4" Hollow Stem Auger	**SETTING:** 0'-15'
HAMMER WEIGHT/DROP: N/A	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore	**SETTING:** 11'-13'
OBSERVER: NZ	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): N/A	**STATIC WATER LEVEL:** ~8'
STICK-UP: No	
SURFACE COMPLETION: Flush Mount Road Box	

REMARKS: Located west of northwest corner of Union St Nevins St intersection, outside 543 Union St. Next to HRP-MW-7S.

ABBREVIATIONS: ft bg = feet below grade; REC = Recovery; PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5	MC	N/A	1	Dry	(0-2.5 ft bg) SAND, Some Gravel, little silt, black to dark brown, concrete chunks from 2.0 – 2.5 ft bg	0.0
				1	Dry	(2.5-5 ft bg) SAND (f), little gravel and silt, brown/ light brown, no odor	0.0
5	10	MC	N/A	1.5	Dry	(5-8.5 ft bg) SAND (f), brown, no odor	0.0
				1.5	Wet	(8.5-10 ft bg) SAND (f), little gravel, brown, no odor	0.0
10	15	MC	N/A	2	Wet	(10-13.5 ft bg) SAND (m-f), Some Gravel, Some Sand (c), brown, no odor	0.0
				2	Wet	(13.5-15 ft bg) SAND (m-c), Some Gravel, little sand (f), brown, no odor	0.0
15	20	MC	N/A	2.5	Wet	(15-18 ft bg) SAND (m-c), Some Gravel, little sand (f), brown, no odor	0.0
				2.5	Wet	(18-20 ft bg) SAND (c), Some Gravel, darker brown, no odor	0.0
20	25	MC	N/A	5	Wet	(20-25 ft bg) SAND (c-m) and GRAVEL (f-med), little gravel (c) at 23ft, trace sand (f), brown, no odor	0.0

PROJECT: 473 President Street Off-Site	JOB NUMBER: DEC1035.P2
WELL NO.: HRP-MW-7D	**PAGE** 2 **OF** 2

25	30	MC	N/A	2.5	Wet	(25-27.5 ft bg) SAND (f-m), coarser moving down, brown, no odor	0.0
				0.5	Wet	(27.5-28 ft bg) GRAVEL (f, angular), no odor	0.0
				1	Wet	(28-29 ft bg) COBBLES and SAND (vf), some pebbles, little silt, brown, no odor	0.0
				1	Wet	(29-30 ft bg) GRAVEL (f) and SAND (vf), little gravel (med-coarse), brown, no odor	0.0
						End of boring @ 30 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-1

PAGE 1 **OF** 2

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/18/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** ~8'
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			2.75	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-2 ft bg) SAND (medium), some gravel (medium) brown	0.0
					Moist	(2-2.5 ft bg) COAL and CINDERS	0.0
					Moist	(2.5-4 ft bg) SAND (coarse), brown	0.0
					Moist	(4-4.5 ft bg) COAL and CINDERS (some sand (medium)	0.0
					Moist	(4.5-5 ft bg) SAND (coarse) and GRAVEL (fine), brown	0.0
5	10			2.5	Moist	(5-6 ft bg) SAND (coarse) and GRAVEL (fine), brown	0.0

PROJECT: 473 President Street Off-Site	JOB NUMBER: DEC1035.P2
WELL NO.: SV-1	PAGE 2 OF 2

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
5	10			2.5	Moist	(6-6.5 ft bg) WEATHERED ROCK	0.0
					Wet	(6.5-10 ft bg) SAND (medium-coarse), trace weathered rock, brown	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-2

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/18/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			3	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-4.5 ft bg) SAND (fine) and SILT, some gravel (medium-coarse), trace gravel (fine), brown	0.0
					Moist	(4.5-5 ft bg) SAND (medium-coarse), brown	0.0
5	10			4	Moist/ Wet	SAND (medium), grades to SAND (medium-coarse), some gravel (fine), wet at 8 ft bg	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-3

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 6-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/18/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** ~8'
STICK-UP: -	
SURFACE COMPLETION: Road Bot	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			3	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Dry	(0.5-1 ft bg) CINDERS	0.0
					Moist	(1-5 ft bg) SAND (medium-coarse), brown	0.0
5	10			3	Moist/ Wet	(5-10 ft bg) SAND (coarse), brown	0.0
						End of boring at 10 ft bg	

	HRP Associates, Inc. Monitoring Well Installation Log	**WELL NO:** SV-4 **PAGE** 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/18/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** ~8'
STICK-UP: -	
SURFACE COMPLETION: Road Box	
REMARKS: Bentonite hydrated	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			4	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-4.5 ft bg) SAND and SILT, trace gravel (medium-coarse), trace sand (medium-coarse) and gravel (fine), brown	0.0
					Dry	(4.5-5 ft bg) WEATHERED ROCK	0.0
					Dry	(4.5-5 ft bg) WEATHERED ROCK	0.0
5	10			3.5	Moist	(5.5-6 ft bg) SAND (coarse), COAL, and CINDERS, brown	0.0
					Moist/wet	(6-9.5 ft bg) SAND (fine) and SILT, trace gravel (coarse), brown	0.0

PROJECT: 473 President Street Off-Site	JOB NUMBER: DEC1035.P2
WELL NO.: SV-4	PAGE 2 OF 2

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
FROM	TO						
5	10			3.5	Wet	(9.5-10 ft bg) SAND (coarse), some gravel (medium), brown	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-5

Co-located at HRP-MW-1

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/17/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 1/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			3	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-4.5 ft bg) SAND (medium-coarse), some gravel (fine-medium), trace brick and coal, brown, grades to finer sand with some silt at 4.5 ft bg	0.0
					Moist	(4.5-5 ft bg) SAND (fine), some silt, trace coal, brown	0.0
5	10			3.5	Wet	SAND (medium-coarse) SAND, some silt, trace gravel (coarse), brown	24.5
10	15			3.5	Wet	SAND (medium-coarse) SAND, some silt, trace gravel (coarse), brown	20.2
15	16			1	Wet	SAND (medium-coarse) SAND, some silt, trace gravel (coarse), brown	14.4
						End of boring at 15 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-6

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/17/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			2.5	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-5 ft bg) SAND (fine), some silt, and gravel (coarse), trace brick and coal, brown	0.0
5	10			2	Dry	(5-7.5 ft bg) GRAVEL (coarse), some sand (coarse), tan	0.0
					Moist	(7.5-10 ft bg) SAND (fine) and SILT, some gravel (coarse), red-brown	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-7

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/17/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			3.5	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-4.5 ft bg) SAND (fine), some silt, and gravel (coarse), trace brick and coal, brown	0.0
5	10			3.5	Moist	(5-8 ft bg) SAND (fine) and SILT, brown	0.0
					Wet	(8-10 ft bg) SAND (fine) and SILT, brown	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-8

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PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/18/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Bot	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			1	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-1 ft bg) SAND (medium), some gravel (coarse), brown	0.0
					Moist	(4.5-5 ft bg) SAND (fine) and SILT, trace clay, coal, cinders, gravel (fine), tan	0.0
5	10			-	-	NO RECOVERY	-
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-9

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/19/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8.5 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			2	Dry	(0-1 ft bg) CONCRETE	0.0
					Moist	(1-5 ft bg) SAND (fine) and SILT, GRAVEL (medium), some brick, coal, trace cinders, dark brown	0.0
5	10			2.5	Moist/Wet	(5-8 ft bg) SAND (fine) and SILT, some gravel (coarse) and coal, brown	0.0
					Moist/Wet	(8-8.5 ft bg) COAL	0.0
					Dry	(8.5-9 ft bg) WEATHERED ROCK	0.0
					Wet	(9-10 ft bg) SAND (fine) and SILT	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-10

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/19/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings and filter sand
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			2.5	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-5 ft bg) SAND (fine) and SILT, trace coal, cinders, and gravel (fine-medium), brown, WEATHERED ROCK at 5 ft bg	0.0
5	10			4	Moist	(5-7 ft bg) SAND (fine) and SILT, trace coal, cinders, and gravel (fine-medium), brown,	0.0
					Moist/Wet	(7-8.5 ft bg) SAND (coarse) and GRAVEL (fine), brown	0.0
					Dry/ Wet	(8.5-10 ft bg) SILT, some gravel (fine-medium), trace organics (wood shavings), dark gray	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-11

PAGE 1 **OF** 2

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/19/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings and filter sand
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			2.75	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Dry	(0.5-1 ft bg) SAND (fine) and SILT trace brick, dark brown	0.0
					Dry	(1-2 ft bg) CINDERS	0.0
					Moist	(2-5 ft bg) SAND (fine) and SILT, trace coal, gravel, brick, weathered rock at 5 ft bg, brown	0.0
5	10			2.75	Moist	(5-5.5 ft bg) SAND (fine) and SILT, trace coal, gravel, brick	0.0
					Dry	(5.5-6 ft bg) CONCRETE	0.0

PROJECT: 473 President Street Off-Site	JOB NUMBER: DEC1035.P2
WELL NO.: SV-11	PAGE 2 OF 2

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
FROM	TO						
5	10			2.75	Moist	(6-6.5 ft bg) SAND (fine) and SILT, trace coal, brown	0.0
					Moist/Wet	(6.5-10 ft bg) SAND (fine) and SILT, trace gravel (medium), brown	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-12

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PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/18/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings and filter sand
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8.5 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			0.5	Dry	(0-0.5 ft bg) CONCRETE	0.0
					-	NO RECOVERY	-
5	10			2.75	Moist/Wet	SAND (fine-medium), some silt, trace gravel (medium-coarse), brown	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-13

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/18/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8.5 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			3	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-5 ft bg) SAND (fine) and SILT, trace gravel (medium), brown	0.0
5	10			2.75	Dry	(5-6 ft bg) CINDERS	0.0
					Moist	(6-7 ft bg) SAND (medium-coarse), some gravel (fine), brown	0.0
					Dry	(7-7.25 ft bg) WEATHERED ROCK	0.0
					Moist	(7.25-8 ft bg) CINDERS	0.0
					Wet	(8-9 ft bg) SAND (medium-coarse), red-brown	0.0
					Wet	(9-10 ft bg) SAND (medium-fine), some silt, brown, groundwater at 9 ft bg	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-14

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 8-inch Stainless Steel
JOB NUMBER: DEC1035.P2	**SLOT NO.:** - **SETTING:** Soil Vapor set at 6 ft
DATE COMPLETED: 10/18/22	**SAND PACK SIZE & TYPE:** Glass beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: Geoprobe 7822DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: 5' Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: RL	**BACKFILL TYPE:** Soil cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Bentonite hydrated

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
0	5			3	Dry	(0-0.5 ft bg) CONCRETE	0.0
					Moist	(0.5-5 ft bg) SAND (fine-medium), some silt, gravel (fine-medium), trace gravel (coarse), brown	0.0
5	10			2.75	Dry	(5-6 ft bg) WEATHERED ROCK	0.0
					Moist	(5.5-8.5 ft bg) SAND (fine- medium), some silt, gravel (fine-medium), trace gravel (coarse), brown	0.0
					Wet	(8.5-10 ft bg) SAND (medium- coarse), some gravel (fine-medium), brown	0.0
						End of boring at 10 ft bg.	

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-15

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 6-inch Stainless Steel
JOB NUMBER: DEC1033.P2	**SLOT NO.:** - **SETTING:** Soil vapor point set at 6 ft
DATE COMPLETED: January 16, 2023	**SAND PACK SIZE & TYPE:** Glass Beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: GeoProbe 7822 DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH 64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: Macrocore Sleeve	**SETTING:** 5'-3'
OBSERVER: S.Dyal	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 9 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Located on west side of Nevins St., north of Union St. Paired with HRP-MW-2.

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
No soil sampling. See soil log for HRP-MW-2							

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-16

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 6" Stainless Steel
JOB NUMBER: DEC1033.P2	**SLOT NO.:** - **SETTING:** Soil vapor point set at 7'
DATE COMPLETED: January 16, 2013	**SAND PACK SIZE & TYPE:** 60-100 Glass beads
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 7'-6'
RIG TYPE: GeoProbe 7822 DT	**CASING SIZE & TYPE:** 1/4 x 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 7'-0'
HAMMER WEIGHT/DROP: GH 64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: Macrocore Sleeve	**SETTING:** 5'-3'
OBSERVER: S.Dyal	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 9 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Located on north side of Union St., west of Nevins St. Co-located with HRP-MW-3.

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
No soil sampling. See soil log for HRP-MW-3							

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-17

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 6-inch Stainless Steel
JOB NUMBER: DEC1033.P2	**SLOT NO.:** - **SETTING:** Soil vapor point set at 6 ft
DATE COMPLETED: January 17, 2023	**SAND PACK SIZE & TYPE:** Glass Beads 60-100
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 6'-5'
RIG TYPE: GeoProbe 7822 DT	**CASING SIZE & TYPE:** 1/4 - 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 6'-0'
HAMMER WEIGHT/DROP: GH 64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: Macrocore Sleeve	**SETTING:** 3'-5'
OBSERVER: S.Dyal	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Located on east side of Nevins St., north of Union St. Co-located with HRP-MW-4

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
No soil sampling. See soil log for HRP-MW-4							

HRP Associates, Inc.
Monitoring Well Installation Log

WELL NO: SV-18

PAGE 1 **OF** 1

PROJECT: 473 President Street	**SCREEN SIZE & TYPE:** 6" Stainless Steel
JOB NUMBER: DEC1033.P2	**SLOT NO.:** - **SETTING:** Soil vapor point set at 7'
DATE COMPLETED: January 16, 2023	**SAND PACK SIZE & TYPE:** 60-100 Glass beads
DRILLING COMPANY: Island Pump and Tank	**SETTING:** 7'-6'
RIG TYPE: GeoProbe 7822 DT	**CASING SIZE & TYPE:** 1/4 x 3/8 Teflon Tubing
DRILLING METHOD: Direct Push	**SETTING:** 7'-0'
HAMMER WEIGHT/DROP: GH 64 Hammer	**SEAL TYPE:** Bentonite
SAMPLING METHOD: Macrocore Sleeve	**SETTING:** 5'-3'
OBSERVER: S.Dyal	**BACKFILL TYPE:** Soil Cuttings
REFERENCE POINT (RP): Grade	**STATIC WATER LEVEL:** 8 ft bg
STICK-UP: -	
SURFACE COMPLETION: Road Box	

REMARKS: Located near southwest corner of Nevins St. and Union St. Co-located with HRP-MW-5.

ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	MOISTURE	DESCRIPTION	PID READING (PPM)
No soil sampling. See soil log for HRP-MW-5							

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: 973 President St - offsite	WAS #:	Field Personnel: R. Lewandowski
Location: 973 President St, Brooklyn	Well ID.: HRP-MW1	Weather: 50°; Partly Cloudy
Sounding Method:	Gauge Date: 10/19/22	Measurement Ref: Top of Casing
Stick Up/Down (ft): Flush Mount	Gauge Time: 1310	Well Diameter (in): 2

Purge Date: 10/19/22	Purge Time: 1315
Purge Method: Bailer	Field Technician: R. Lewandowski

1) Well Depth (ft): 16'	4) Well Diameter (in): 2"	7) Five Well Volumes (gal): 6.55
2) Depth to Water (ft): 8'	5) Well Volume / Foot (gal) (d^2x.0408): 0.1632	Depth/Height of Top of PVC: —
3) Height of H_2O Column (1-2) (ft): 8'	6) Total Well Volume (gal) (3x5): 1.31	Pump Type: Bailer

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1315									
0	~8	0		7.42	41.9	18.6	967	4.32	2985
10	~8	1.5		7.36	-4.1	17.9	901	4.29	802
20	~8	3		7.21	-22.4	17.8	919	3.50	929
30	~8	5		7.30	-10.3	17.1	927	3.71	3088
40	~8	9		7.23	5.3	17.8	970	3.41	2198
50	~8	12		7.20	2.9	17.4	961	3.42	2147
60	~8	15		7.21	-17.8	17.0	946	3.20	505

Total Quantity of Water Removed (gal):	~15	Sampling Time:	—
Samplers:	—	Split Sample With:	—
Sampling Date:	—	Sample Type:	—

COMMENTS AND OBSERVATIONS:	Very turbid

HRP

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: **475 President Street**	WAS #: **DEC1035.P2**	Field Personnel: **S. Dyal**
Location: **Brooklyn, NY**	Well ID.: HRP MW-2	Weather: Clear 30's
Sounding Method:	Gauge Date: **January 17, 2023**	Measurement Ref: Top of Casing
Stick Up/Down (ft): Flush Mount	Gauge Time: 1430	Well Diameter (in): 2

Purge Date:	1/17/2023	Purge Time:	1430
Purge Method:	**Peristaltic Pump**	Field Technician:	**S. Dyal**

1) Well Depth (ft): 16.3	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 4.5
2) Depth to Water (ft): 10.5	5) Well Volume / Foot (gal) (d^2x.0408):	Depth/Height of Top of PVC:
3) Height of H_2O Column (1-2) (ft):	6) Total Well Volume (gal) (3x5): 0.90	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1430		0	0.3	7.60	-56.3	14.8	1153	3.98	464.7
1440		3	0.4	7.42	-51.4	15.7	1043	3.74	502.64
1450		7	0.6	7.33	-43.6	15.9	1059	2.92	211.42
1500		13	0.7	7.27	-46.8	15.9	1055	2.55	138.7
1510		20	0.5	7.27	-27.2	15.8	1057	2.00	152.8

Total Quantity of Water Removed (gal):	~~20gal~~ 25 gal	Sampling Time:	—
Samplers:	**S. Dyal**	Split Sample With:	—
Sampling Date:	—	Sample Type:	—

COMMENTS AND OBSERVATIONS:	Stable flow; NTU not stabilizing after 25 gals. No visible sheen. Tubing intake: 15' Tubing type: 1/4 x 3/8 HDPE

HRP

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: **475 President Street**	WAS #: **DEC1035.P2**	Field Personnel: **S. Dyal**
Location: **Brooklyn, NY**	Well ID.: HRP MW-3	Weather: Clear 30s
Sounding Method:	Gauge Date: **January 17, 2023**	Measurement Ref: Top of Casing
Stick Up/Down (ft): Flush Mount	Gauge Time: 1310	Well Diameter (in): 2

Purge Date:	1/17/2023	Purge Time:	1310
Purge Method:	**Peristaltic Pump**	Field Technician:	**S. Dyal**

1) Well Depth (ft): 16.7	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 6.25
2) Depth to Water (ft): 9.0	5) Well Volume / Foot (gal) (d^2x.0408): ~~1.26~~	Depth/Height of Top of PVC:
3) Height of H_2O Column (1-2) (ft):	6) Total Well Volume (gal) (3x5): 1.20	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1310	9.0	0.3	0.3	6.68	-88.5	14.5	3902	3.16	61.00
1320	13	1.3	0.3	6.84	-63.5	14.4	3895	6.14	294.12
1330	13.7	1.6	0.3	6.83	-62.4	14.5	4043	5.93	241.10
1340	13.4	1.9	0.3	6.83	-69.9	15.3	4090	4.55	206.14
1350	13.4	1.12	0.3	6.79	-73.5	15.0	4083	4.23	Hz:156.7
1400	13.4	1.15	0.3	6.78	-65.7	15.4	4141	5.09	123.19
1410	13.4	18	0.3	6.81	-67.6	15.1	4061	5.03	76.3

Total Quantity of Water Removed (gal):	18	Sampling Time:	—
Samplers:	**S. Dyal**	Split Sample With:	—
Sampling Date:	—	Sample Type:	—

COMMENTS AND OBSERVATIONS:	Water immediately cleared up Tubing intake: 15' Tubing type: 1/4 x 3/8 HDPE

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: **475 President Street**	WAS #: **DEC1035.P2**	Field Personnel: **S. Dyal**
Location: **Brooklyn, NY**	Well ID.: HRP MW-4	Weather: Clear 30's °
Sounding Method:	Gauge Date: **January 17, 2023**	Measurement Ref: Top of Casing
Stick Up/Down (ft): Flush Mount	Gauge Time: 1530	Well Diameter (in): 2

Purge Date:	1/17/2023	Purge Time:	1530
Purge Method:	**Peristaltic Pump**	Field Technician:	**S. Dyal**

1) Well Depth (ft): 15.67	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 4.75
2) Depth to Water (ft): 9.82	5) Well Volume / Foot (gal) (d^2x.0408):	Depth/Height of Top of PVC:
3) Height of H_2O Column (1-2) (ft):	6) Total Well Volume (gal) (3x5): 0.95	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP – (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1530	9.82	0	0.23	7.22	31.0	14.5	1337	2.45	18.43
1540	9.8	3	0.23	7.20	31.9	16.2	1365	2.30	18.15
1550	10	6	0.23	7.13	25.9	16.3	1370	3.24	14.20
1600	11	9	0.23	7.40	25.2	16.3	1364	3.62	11.30

Total Quantity of Water Removed (gal):	10	Sampling Time:	—
Samplers:	**S. Dyal**	Split Sample With:	—
Sampling Date:	—	Sample Type:	—

COMMENTS AND OBSERVATIONS:	Gasoline odor. Well head PID= 194ppm Tubing intake= 15' Tubing type: 1/4x3/8 HDPE

HRP

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: **475 President Street**	WAS #: **DEC1035.P2**	Field Personnel: **S. Dyal**
Location: **Brooklyn, NY**	Well ID.: HRP-MW-5	Weather: Clear 30°
Sounding Method:	Gauge Date: **January 17, 2023**	Measurement Ref: Top of Casing
Stick Up/Down (ft): Flushmount	Gauge Time: 1145	Well Diameter (in): 2

Purge Date:	1/17/2023	Purge Time:	1145
Purge Method:	**Peristaltic Pump**	Field Technician:	**S. Dyal**

1) Well Depth (ft): 15	4) Well Diameter (In): 2	7) Five Well Volumes (gal): 5.55
2) Depth to Water (ft): 8.2	5) Well Volume / Foot (gal) (d^2x.0408):	Depth/Height of Top of PVC:
3) Height of H_2O Column (1-2) (ft):	6) Total Well Volume (gal) (3x5): 1.11	Pump Type: Whale

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (gallons)	Rate (gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1145	8.2	0	0.5	7.21	-116.3	14.8	1547	3.5	398.18
1155	10.1	3.25		7.22	-101.9	15.5	1564	4.41	78.65
1205	10.6	6.75		7.14	-105.9	15.0	1554	2.81	237.18
1215	11.7	10		7.19	-99.5	15.4	1566	3.94	161.23
1225	11.7	13		7.12	-97.2	15.6	1564	2.67	79.54
1235	11.8	16		7.10	-102.8	14.9	1549	2.47	116.36
1245	11.8	19		7.12	-95.2	14.7	1555	2.82	144.02
1255	11.9	20		7.12	-94.3	14.2	1553	2.83	41.07

Total Quantity of Water Removed (gal):	20	Sampling Time:	—
Samplers:	**S. Dyal**	Split Sample With:	—
Sampling Date:	—	Sample Type:	—

COMMENTS AND OBSERVATIONS:	Tubing intake = 14' Tubing type 1/4 x 3/8 HDPE

HRP

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: 473 Presidential	WAS #:	Field Personnel: NZ
Location:	Well ID.: HRP-MW-4D	Weather: Sunny
Sounding Method:	Gauge Date:	Measurement Ref:
Stick Up/Down (ft):	Gauge Time:	Well Diameter (in):

Purge Date: 4/15/24	Purge Time:
Purge Method:	Field Technician: NZ

1) Well Depth (ft): 29	4) Well Diameter (in):	7) Five Well Volumes (gal):
2) Depth to Water (ft): 7.7	5) Well Volume / Foot (gal) (d^2 x.0408): 0.1632	Depth/Height of Top of PVC:
3) Height of H_2O Column (1-2) (ft):	6) Total Well Volume (gal) (3x5):	Pump Type:

Water Quality Parameters — mS/cm

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (µS/cm)	DO (ug/L)	Turbidity (ntu)
1147	23.6			6.21	98	18.33	1.23	14.82	>1000
1152	23.7			6.08	63	17.34	1.14	8.35	>1000
1157	23.7			6.08	50	17.93	1.12	7.32	300
1202	23.7			6.11	43	17.51	1.11	6.84	78
1207	23.8			6.19	42	17.44	1.12	6.73	49
1216	23.7			6.18	41	17.46	1.13	7.38	47
1221	23.7			6.18	42	17.46	1.13	7.71	45

Total Quantity of Water Removed (gal):		Sampling Time:	
Samplers:		Split Sample With:	
Sampling Date:		Sample Type:	

COMMENTS AND OBSERVATIONS:	-slight petroleum odor, slight sheen on water -29.3' after purge

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: 473 Pres	WAS #:	Field Personnel: NZ
Location:	Well ID.: HRP-MW-6S	Weather:
Sounding Method:	Gauge Date:	Measurement Ref:
Stick Up/Down (ft):	Gauge Time:	Well Diameter (in):

Purge Date: 4/16	Purge Time:
Purge Method:	Field Technician:

1) Well Depth (ft): 14.7	4) Well Diameter (in):	7) Five Well Volumes (gal):
2) Depth to Water (ft): 7.75	5) Well Volume / Foot (gal) (d^2x.0408):	Depth/Height of Top of PVC:
3) Height of H_2O Column (1-2) (ft):	6) Total Well Volume (gal) (3x5):	Pump Type:

Water Quality Parameters mS/cm

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)
1015	8.05			7.34	-33	18.01	1.77	8.82	>1000
1030	7.90			7.32	-31	18.59	1.78	8.83	760
1033	7.90			7.32	-32	17.94	1.79	7.62	340
1042	7.90			7.31	-29	17.50	1.76	7.01	48
1045	7.91			7.30	-27	17.48	1.79	7.14	45
1048	7.90			7.29	-28	17.48	1.79	6.14	43

Total Quantity of Water Removed (gal):		Sampling Time:	
Samplers:		Split Sample With:	
Sampling Date:		Sample Type:	
COMMENTS AND OBSERVATIONS:	-paused for full drum		

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: 473 Pres	WAS #:	Field Personnel: NZ
Location:	Well ID.: HRP-MW-6D	Weather:
Sounding Method:	Gauge Date:	Measurement Ref:
Stick Up/Down (ft):	Gauge Time:	Well Diameter (in):

Purge Date: 4/16	Purge Time: 930
Purge Method:	Field Technician:

1) Well Depth (ft): 28.82	4) Well Diameter (in):	7) Five Well Volumes (gal):
2) Depth to Water (ft): 7.45	5) Well Volume / Foot (gal) (d^2x.0408):	Depth/Height of Top of PVC:
3) Height of H_2O Column (1-2) (ft):	6) Total Well Volume (gal) (3x5):	Pump Type:

Water Quality Parameters

mS

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)
940	7.73			7.00	-9	16.54	1.54	12.35	1000
943	7.75			7.13	-3	16.77	1.48	8.93	465
946	7.75			7.23	-17	16.82	1.43	8.73	300
949	7.75			7.26	-26	17.16	1.44	7.64	50
952	7.75			7.30	-33	17.10	1.43	7.19	47
956	7.75			7.3	-26	17.08	1.43	7.72	45

Total Quantity of Water Removed (gal):		Sampling Time:	

Samplers:		Split Sample With:	

Sampling Date:		Sample Type:	

COMMENTS AND OBSERVATIONS:	reached visual clearance

MH 29' after purge

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: 473 Pres	WAS #:	Field Personnel: NZ
Location:	Well ID.: HRP-MW-7S	Weather:
Sounding Method:	Gauge Date:	Measurement Ref:
Stick Up/Down (ft):	Gauge Time:	Well Diameter (in):

Purge Date: 4/1/16	Purge Time: 12 55
Purge Method:	Field Technician:

1) Well Depth (ft): 15.2	4) Well Diameter (in):	7) Five Well Volumes (gal):
2) Depth to Water (ft): 7.3	5) Well Volume / Foot (gal) (d^2 x 0.0408): .1632	Depth/Height of Top of PVC:
3) Height of H_2O Column (1-2) (ft):	6) Total Well Volume (gal) (3x5):	Pump Type:

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (uS/cm)	DO (ug/L)	Turbidity (ntu)
1305	7.3			7.2	38	16.01	1.47	7.66	273
1315	7.7			7.19	58	15.91	1.48	5.42	52
1326	7.7			7.16	62	15.91	1.48	8.44	29

Total Quantity of Water Removed (gal):		Sampling Time:	
Samplers:		Split Sample With:	
Sampling Date:		Sample Type:	
COMMENTS AND OBSERVATIONS:	- Battery dead - tubing fell off - reached drum limit, visually clear		

15.4 after purge

HRP Engineering, P.C. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	GROUNDWATER MONITORING WELL PURGE FORM	

Project: 473 Pres	WAS #:	Field Personnel: N2
Location:	Well ID.: HRP-MW-7D	Weather:
Sounding Method:	Gauge Date:	Measurement Ref:
Stick Up/Down (ft):	Gauge Time:	Well Diameter (in):

Purge Date: 4/16	Purge Time: 1155
Purge Method:	Field Technician:

1) Well Depth (ft): 24.25	4) Well Diameter (in): 2	7) Five Well Volumes (gal): 13.34
2) Depth to Water (ft): 7.9	5) Well Volume / Foot (gal) (d^2x.0408): .1632	Depth/Height of Top of PVC:
3) Height of H_2O Column (1-2) (ft): 16.35	6) Total Well Volume (gal) (3x5): 2.66	Pump Type:

Water Quality Parameters

mS

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (mL/m)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity: (µS/cm)	DO (ug/L)	Turbidity (ntu)
1205	7.8			7.29	41	18.31	1.43	7.52	>1000
1210	7.8			7.27	-2	17.25	1.45	7.18	>1000
1215	7.8			7.25	-5	17.76	1.45	6.57	600
1220	7.8			7.19	10	16.50	1.46	6.93	200
1225	7.7			7.17	-3	16.44	1.43	6.47	50
1230	7.8			7.12	-4	16.44	1.43	6.93	58
1235	7.8			7.14	-4	16.37	1.43	6.10	49

Total Quantity of Water Removed (gal): 27.5	Sampling Time:
Samplers:	Split Sample With:
Sampling Date:	Sample Type:

COMMENTS AND OBSERVATIONS:	

24.55 height after purge

HRP Associates, Inc.

PAGE: 1 OF 2

SAMPLE DATE: 10/27/22

Low-Flow Sampling Log

TOTAL # WELLS: 1

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President Street, Brooklyn, NY	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	JA	Monitoring Equipment:	YSI Pro Series
Well I.D.	HRP-MW-1	Screen Setting (ft btoc):	6 to 16
Well Diameter (inches):	2	Tubing Intake (ft btoc):	12
Total Depth (ft btoc):	15.65	Comments:	
Depth to Water (ft btoc):	7.75		
Well Condition:			

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
1040 0	7.75	150	18	3.20	1207	7.12	31.3	270
1043 3	7.78	150	18.2	0.94	1170	6.96	51.6	166.86
1046 6	7.81		18.2	0.55	1165	6.90	66.4	77.10
1049 9	7.81		18.2	0.46	1156	6.89	69.8	92.4
1052 12	7.78		18.3	0.42	1138	6.89	71.0	63.56
15	7.78		18.2	0.38	1144	6.89	71.6	65.67
1055 18	7.79		18.3	0.36	1145	6.89	71.2	67.54
1058 21	7.77		18.3	0.35	1143	6.89	70.9	77.38
1102 24	7.78		18.3	0.35	1141	6.89	70.3	73.82
1104 27	7.75		18.3	0.33	1147	6.88	69.3	88.65
1107 30	7.78	↓	18.1	0.31	1153	6.88	68.4	98.50
1113 33	7.77	150	18.2	0.30	1147	6.88	67.7	115.33

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
	☆	See Page 2☆							
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)									

Sample Time: 1128 Reviewed By: [illegible]

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

PAGE: X OF 2

SAMPLE DATE: 10/27/22

TOTAL # WELLS: 1

Low-Flow Sampling Log

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President Street, Brooklyn, NY	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	JA	Monitoring Equipment:	YSI Pro Series
Well I.D.	HRP-MW-1	Screen Setting (ft btoc):	6 to 16
Well Diameter (inches):	2	Tubing Intake (ft btoc):	12
Total Depth (ft btoc):	15.65	Comments:	
Depth to Water (ft btoc):	7.75		
Well Condition:			

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
11:16 36	7.77	150	18.2	0.29	1159	6.88	66.1	114.23
11:19 39	7.75		18.3	0.29	1156	6.88	65.8	127.44
11:23 42	7.77		18.2	0.33	1130	6.88	64.6	115.70
11:25 45	7.80	↓	18.2	0.36	1115	6.88	63.3	118.42
11:28 48	7.78	150	18.2	0.32	1125	6.87	63.1	119.97
—	—	—	—	—	—	—	—	—

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
42	45	0.03	0	0	0.03	15	0	1.3	2.72
45	48	0.02	0	0	0.04	10	0.01	0.02	1.55
42	48	0.01	0	0	0.01	5	0.01	1.5	4.27
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1128

Reviewed By: PL

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

PAGE: 1 OF 1

SAMPLE DATE: 1/24/23

TOTAL # WELLS: 4 5

Low-Flow Sampling Log

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President St	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	S. Dyal	Monitoring Equipment:	YSI Pro Series
Well I.D.	HRP-MW-2	Screen Setting (ft btoc):	17 to 7
Well Diameter (inches):	2"	Tubing Intake (ft btoc):	12
Total Depth (ft btoc):	16.79	Comments:	
Depth to Water (ft btoc):	9.06		
Well Condition:	Good		

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
0	7.77	150	15.8	1.28	1054	7.41	-31.5	63.83
3:00	7.77		15.8	1.20	1055	7.38	-27.9	64.52
6:00	7.91		16.0	1.14	1059	7.39	-23.1	62.23
9:00	7.94		15.9	1.12	1060	7.36	-21.6	61.84
12:00	7.85		15.9	1.10	1058	7.35	-19.7	54.99
15:00	7.87		15.9	1.07	1058	7.35	-16.8	52.66
18:00	7.86		15.8	1.07	1056	7.34	-15.2	48.60
21:00	7.84		15.8	1.07	1057	7.34	-15.0	46.28
24:00	7.82		15.9	1.06	1057	7.34	-14.8	45.89
27:00	7.83	↓	15.7	1.05	1057	7.34	-14.2	44.97

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
21	24	0.02	150	0.1	0.01	0	0	0.2	0.39
24	27	0.01	150	0.2	0.01	0	0	0.6	0.92
24	27	0.01	150	0.1	0.02	0	0	0.8	1.31
		0.01 %	0	0.64%	2.1%	0	0	~~5.6~~ 0.8	2.91
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		yes	yes	yes	yes	yes	yes	yes	yes

Sample Time: 314:20

Reviewed By: [signature]

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

PAGE: 1 OF 1

SAMPLE DATE: 1/24/23

TOTAL # WELLS: 4

Low-Flow Sampling Log

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President St	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	S. Dyal	Monitoring Equipment:	YSI Pro Series
Well I.D.	HRP-MW-3	Screen Setting (ft btoc):	17 to 7
Well Diameter (inches):	2"	Tubing Intake (ft btoc):	13
Total Depth (ft btoc):	16.3	Comments:	
Depth to Water (ft btoc):	7.78		
Well Condition:	Clear.		

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
~~0~~ 8	7.78	150	15.7	1.04	3840	6.67	-76.7	74.72
3:00	12.55		15.6	1.42	3840	6.63	-75.6	67.29
6:00	12.71		15.7	1.83	3949	6.64	-73.9	64.82
9:00	12.98		15.7	1.69	3968	6.64	-75.0	62.81
12:00	13.2		15.7	2.19	3992	6.66	-74.6	59.94
15:00	13.17		15.6	2.08	4010	6.65	-75.3	57.72
18:00	13.10		15.6	2.30	4024	6.66	-74.8	49.63
21:00	13.12		15.5	2.14	4032	6.65	-75.4	49.26
24:00	13.11		15.7	2.12	4024	6.65	-74.9	47.21
27:00	13.18		15.8	2.20	4064	6.67	-73.8	47.45

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
21	24	0.01	~~150~~ 156	0.2	0.02	8	0	05	2.05
24	27	0.01	~~150~~ 150	0.1	0.08	40	0.02	1.1	0.24
21	27	0.02	~~150~~ 150	0.3	0.06	32	0.02	1.6	1.87
		0.01	0	1.94%	2.80%	0.79%	0.02	0.1.1	3.81%
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		yes	yes	yes	yes	yes	yes	yes	yes

Sample Time: 1330

Reviewed By:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

PAGE: 1 OF 1

SAMPLE DATE: 1/24/23

TOTAL # WELLS: 5

Low-Flow Sampling Log

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President St	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	S. Dyal	Monitoring Equipment:	YSI Pro Series
Well I.D.	HRP MW4	Screen Setting (ft btoc):	16 to 6
Well Diameter (inches):	2"	Tubing Intake (ft btoc):	13
Total Depth (ft btoc):	9.82	Comments:	
Depth to Water (ft btoc):	15.67		
Well Condition:	Silty → Clear		

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
0:00	9.82	150	15.3	4.07	1302	7.64	29.1	231.65
~~3:00~~	8.3		15.3	0.87	1319	7.3	28.5	139.81
6:00	8.28		15.2	0.68	1322	7.23	26.9	91.05
9:00	8.30		15.2	0.58	1321	7.19	22.9	83.41
12:00	8.30		15.1	0.52	1321	7.16	17.8	75.21
15:00	8.28		15.2	0.49	1330	7.14	13.6	45.78
18:00	8.27		15.3	0.46	1335	7.12	11.2	38.24
21:00	8.30		15.3	0.45	1334	7.11	10.8	34.18
24:00	8.29		15.4	0.45	1339	7.11	10.0	29.99
27:00	8.3		15.5	0.41	1343	7.08	8.4	~~3.48~~ 25.17
30.00	8.3		15.5	0.40	1345	7.07	7.7	25.56
33.00	8.28		15.4	0.40	1345	7.07	6.9	24.23

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
27	30	0.0	150	0.0	0.01	2	0.01	0.7	~~0.7~~
30	33	0.02	150	0.1	0.0	0	0.0	0.8	1.33
27	33	0.02	150	0.1	0.01	2	0.01	1.5	0.94
		0.02	0	0.65%	<0.5	0.15%	0.01	1.5	5.8%
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		yes	yes	yes	yes	yes	yes	yes	yes

Sample Time: 1510

Reviewed By:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

→ 36:02 15.3 0.40 1347 7.07 6.8 24.77

HRP Associates, Inc.

PAGE: 1 OF 1

SAMPLE DATE: 11/14/23

TOTAL # WELLS: 5

Low-Flow Sampling Log

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President St	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	S. Dyal	Monitoring Equipment:	YSI Pro Series
Well I.D.	HRP-MW-5	Screen Setting (ft btoc):	16 to 6
Well Diameter (inches):	2"	Tubing Intake (ft btoc):	13
Total Depth (ft btoc):	15.12	Comments:	
Depth to Water (ft btoc):	8.45		
Well Condition:	Good		

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU	
3:00	9.45	150	15.2	1.04	2364	9.28	-28.3	111.3	
3:00	9.14		14.9	0.61	2390	9.94	16.5	~~1070~~	1072.5
6:00	9.0		13.9	0.48	2228	7.62	-1.2	896.02	
9:00	8.94		13.9	0.45	2212	9.43	-8.1	537.10	
~~12:00~~ 3 12:00	8:91		15.0	2.89	2038	8.84	-50.2	426.89	
3:15:00	8:98		14.9	1.47	2099	9.04	-78.7	258.05	
18:00	9:09		15.10	0.51	2046	8.96	-81.8	161.46	
21:00	9.16		15.0	0.41	1887	8.47	-81.7	136.39	
24:00	9.29		15.1	0.40	1880	8.27	-80.0	96.39	
27:00	9.42		15.0	0.40	1888	8.31	-78.3	48.67	
30:00	9.48		15.1	0.40	1862	8.28	-79.2	47.32	
33:00	9:55		15.0	0.40	1871	8.30	-77.8	~~48.27~~	

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
27	30	0.06	~~150~~	0.1	0	26	0.03	0.9	1.35
30	33	0.07	~~150~~	0.1	0	9	0.02	1.4	0.95
27	30	0.15	150	0.0	0	17	0.01	0.5	0.4
		0.15	0	0%	0%	0.9%	0.01	0.5	0%
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		yes	yes	yes	yes	yes	yes	yes	yes

Sample Time: 3:25

Reviewed By: [signature]

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

Low-Flow Sampling Log

PAGE: 1 OF 1
SAMPLE DATE: 5/9/23
TOTAL # WELLS: 6

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President St - Off-site	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	R. Lewandowski	Monitoring Equipment:	YSI
Well I.D.	HRP-MW-1	Screen Setting (ft btoc):	15 to 5
Well Diameter (inches):	2	Tubing Intake (ft btoc):	~12
Total Depth (ft btoc):	15.65	Comments:	
Depth to Water (ft btoc):	8.91		
Well Condition:	Good		

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
1217 0	8.91	150	19.59	4.57	0.788	7.31	130	18.9
3	8.93		18.41	1.98	0.790	7.23	127	15.6
6	8.94		17.71	1.08	0.791	7.17	124	13.7
9	8.94		17.38	0.65	0.787	7.12	120	10.4
12	8.94		17.29	0.43	0.780	7.10	115	7.2
15	8.94		17.29	0.33	0.775	7.08	107	5.5
18	8.94		17.17	0.27	0.773	7.07	104	4.5
21	8.94		17.18	0.27	0.771	7.07	100	4.1
24	8.94	150	17.19	0.25	0.770	7.07	98	4.3

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
18	21	0	150	0.06%	Below 0.5	0.25%	0	4	Below 5
21	24	0	150	0.06%	Below 0.5	0.13%	0	2	Below 5
18	24	0	150	0.12%	Below 0.5	0.39%	0	6	Below 5
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1241 Reviewed By: RL

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

Low-Flow Sampling Log

PAGE: 1 OF 1
SAMPLE DATE: 5/9/23
TOTAL # WELLS: 6

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President St - Off-site	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	R. Lewandowski	Monitoring Equipment:	YSI
Well I.D.	HRP-MW-3	Screen Setting (ft btoc):	6 to 16
Well Diameter (inches):	2	Tubing Intake (ft btoc):	~12.5
Total Depth (ft btoc):	16.70	Comments:	
Depth to Water (ft btoc):	8.70		
Well Condition:			

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
1442 0	8.70	100	23.31	4.08	4.33	7.21	-109	265
3	9.30		14.99	1.45	4.71	6.81	-120	30.9
6	9.97		19.57	0.73	4.73	6.81	-120	29.0
9	10.50		19.02	0.43	4.74	6.75	-115	95
12	10.75		18.89	0.42	4.72	6.75	-108	105
15	11.05		18.79	0.41	4.68	6.72	-106	109
18	11.33		18.76	0.41	4.68	6.72	-106	106
21	11.55		18.70	0.41	4.70	6.71	-108	110
24	11.60		18.65	0.41	4.73	6.72	-108	107
27	11.62	↓	18.65	0.40	4.73	6.73	-108	103
30 S	11.65	100	18.64	0.39	4.73	6.73	-107	105

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
24	27	0.02	100	0	Below 0.5	0	0.01	0	3.88 %
27	30	0.03	100	0.05 %	Below 0.5	0	0	1	1.9 %
24	30	0.05	100	0.05 %	Below 0.5	0	0.01	1	1.9 %
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1512 Reviewed By: RL

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

Low-Flow Sampling Log

PAGE: 1 OF 1
SAMPLE DATE: 5/9/23
TOTAL # WELLS: 6

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President St - Off-site	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	R. Lewandowski	Monitoring Equipment:	YSI
Well I.D.	HRP-MW-4	Screen Setting (ft btoc):	6 to 16
Well Diameter (inches):	2	Tubing Intake (ft btoc):	~12
Total Depth (ft btoc):	15.65	Comments:	
Depth to Water (ft btoc):	8.00		
Well Condition:			

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
0	8.00	125	23.29	~~6.78~~	2.10	6.76	68	163
3	8.00		20.30	~~7.80~~ (RE)	1.31	7.45	-19	106
6	8.00		19.48	~~7.34~~	1.26	7.28	-32	93.8
9	8.00		19.18	0.59	1.25	7.22	-35	86.8
12	8.00		19.04	0.46	1.23	7.18	-41	74.1
15	8.00	↓	19.01	0.35	1.23	7.13	-43	70.9
18	8.00	125	~~18.47~~	0.32	1.23	7.12	-45	~~64.6~~ 69.8

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Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
12	15	0	125	0.16 i.	Below 0.5	0	0.05	2	4.51 i.
15	18	0	125	0.21 i.	Below 0.5	0	0.01	2	1.58 i.
12	18	0	125	0.37 i.	Below 0.5	0	0.06	4	6.16 i.
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1638 Reviewed By: RL

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

PAGE: 1 OF 1

SAMPLE DATE: 5/9/23

TOTAL # WELLS: 6

Low-Flow Sampling Log

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President St - Off-site	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	R. Lewandowski	Monitoring Equipment:	YSI
Well I.D.	HRP-mw-5	Screen Setting (ft btoc):	15 to 5
Well Diameter (inches):	2	Tubing Intake (ft btoc):	~11.5
Total Depth (ft btoc):	15.07	Comments:	
Depth to Water (ft btoc):	~~8.28~~ 8.02		
Well Condition:			

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
1330 0	8.02	125	24.45	5.71	1.76	7.09	-96	194
3	8.30		19.21	1.31	1.87	7.09	-121	221
6	8.30		16.56	0.60	1.92	7.06	-127	135
9	8.30		18.37	0.49	1.92	7.05	-127	112
12	8.30		18.26	0.40	1.91	7.04	-127	93.2
15	8.30		18.18	0.35	1.90	7.04	-127	85.5
18	8.30		18.09	0.32	1.89	7.04	-127	60.1
21	8.30		17.94	0.28	1.87	7.04	-126	53.7
24	8.30		17.90	0.27	1.87	7.04	-124	50.6
27	8.30	125	17.85	0.26	1.87	7.04	-123	49.3

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
21	24	0	125	0.22%	Below 0.5	0	0	2	6.13%
24	27	0	125	0.28%	Below 0.5	0	0	1	2.64%
21	27	0	125	0.50%	Below 0.5	0	0	3	8.92%
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1357 Reviewed By: RL

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

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SAMPLE DATE: 5/9/23

TOTAL # WELLS: 6

Low-Flow Sampling Log

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President St - Off-site	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	R. Lewandowski	Monitoring Equipment:	YSI
Well I.D.	MW-12S	Screen Setting (ft btoc):	____ to ____
Well Diameter (inches):	2	Tubing Intake (ft btoc):	~41' from Bottom
Total Depth (ft btoc):		Comments:	
Depth to Water (ft btoc):	9.17		
Well Condition:	No issues present at this time		

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity ~~µs/cm~~ mS/cm	pH	ORP (mV)	Turbidity NTU
1035 0	9.17	200	19.38	6.60	1.11	6.87	92	18.0
3	10.95	150	16.90	2.58	1.10	7.15	94	20.4
6	11.57	125	16.79	2.04	1.06	7.11	99	16.2
9	12.15	125	16.80	1.82	1.03	6.97	114	22.0
12	12.37	125	16.90	~~1.75~~ 1.80	1.01	6.93	119	26.2
15	12.50	125	17.04	1.68	0.997	6.92	123	23.3
18	12.50	125	17.17	1.55	0.983	6.89	127	24.8
21	12.50	125	17.19	1.33	0.977	6.92	129	22.8
24	12.50	125	17.28	1.20	0.972	6.92	130	18.0
27	12.50	125	17.38	1.09	0.973	6.94	131	17.5
30	12.50	125	17.40	1.15	0.966	6.94	131	17.0

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
24	27	0	125	0.58%	10%	0.1%	0.02	1	~~2.9%~~
27	30	0	125	0.01%	5.5%	0.7%	0	0	2.9%
24	30	0	125	0.69%	4.3%	0.6%	0.02	1	5.9%
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1105 Reviewed By: RL

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates, Inc.

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SAMPLE DATE: 5/10/23

TOTAL # WELLS: 6

Low-Flow Sampling Log

Client Name:	NYSDEC	Sample Pump:	Peristaltic Pump
Project Location:	473 President St - Off-site	Tubing Type:	HDPE .17"ID x 1/4"OD
Sampler(s):	R. Lewandowski	Monitoring Equipment:	YSI
Well I.D.	~~GW-6~~ GW-7	Screen Setting (ft btoc):	____ to ____
Well Diameter (inches):	2	Tubing Intake (ft btoc):	~4' from Bottom
Total Depth (ft btoc):	16.56	Comments:	
Depth to Water (ft btoc):	~~6.14~~		
Well Condition:			

Time (minutes)	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Water Quality Monitoring Parameters: Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
0	6.14	150	22.29	4.70	3.38	7.30	101	420
3	6.15		18.48	~~4.70~~ ED	4.63	7.66	-173	84.6
6	6.15		18.27	0.63	4.36	7.70	-175	14.2
9	6.15		18.38	0.43	3.86	7.72	-174	8.3
12	6.15		18.36	0.42	3.82	7.71	-174	11.4
15	6.15		18.28	0.39	3.74	7.72	-175	7.6
18	6.15		18.25	0.40	3.73	7.71	-175	8.9
21	6.15		18.31	0.33	3.63	7.73	-176	4.8
24	6.15		18.35	0.31	3.58	7.74	-177	4.5
27	6.15		18.36	0.30	3.56	7.74	-177	4.7
30	6.15	150	18.35	0.32	3.55	7.74	-177	4.4

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Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (mL/min)	Temperature (°C)	DO mg/L	Conductivity µs/cm	pH	ORP (mV)	Turbidity NTU
24	27	0	150	0.05%	Below 0.5	0.56%	0	0	Below 5
27	30	0	150	0.05%	Below 0.5	0.28%	0	0	Below 5
24	30	0	150	0	Below 0.5	0.84%	0	0	Below 5
Recommended Stabilization		± 0.3	100-500	± 3%	± 10%	± 3%	± 0.1	± 10	± 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1200 Reviewed By: RL

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	Degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP ENGINEERING, P.C.

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SAMPLE DATE: 4/25/2024

TOTAL # WELLS: 8

LOW-FLOW SAMPLING LOG

Client Name: DEC
Project Locatior 473 President St
Sampler(s): NZ

Sample Pump: Peristaltic
Tubing Typ LDPE
Monitoring Equipment: Horiba

Well I.D. HRP-MW-1
Well Diameter (inches): 2
Total Depth (ft btoc): 15.65
Depth to Water (ft btoc): 8.48

Screen Setting (ft btoc): 4 to 16
Tubing Intake (ft btoc): 13.5
Comments:

Well Condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1540	8.48	100	14.70	5.73	131	1.36	26.2	9.75
1543	8.48	|	15.15	5.72	133	1.33	8.7	9.37
1546	8.48	|	14.72	5.73	132	1.34	0.0	9.34
1549	8.48	|	14.52	5.79	129	1.35	0.0	9.29
1552	8.48	|	14.63	5.78	129	1.35	0.0	9.23

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1546	1549	0	0	0.20	0.06	3	0.01	0	0.05
1546	1552	0	0	0.09	0.05	3	0.01	0	0.11
1549	1552	0	0	0.11	0.01	0	0	0	0.06
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1555

Reviewed by: NZ

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

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SAMPLE DATE: 4/25/2024

TOTAL # WELLS: 8

LOW-FLOW SAMPLING LOG

Client Name: DEC
Project Locatior 473 President St
Sampler(s): LW

Sample Pump: Peristaltic
Tubing Typ LDPE
Monitoring Equipment: Horiba

Well I.D. HRP-MW-2
Well Diameter (inches): 2"
Total Depth (ft btoc): 16.2
Depth to Water (ft btoc): 8.3

Screen Setting (ft btoc): 5 to 17
Tubing Intake (ft btoc): 14
Comments:

Well Condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
10:53	8.3	100	16.33	6.25	132	1.39	14.0	9.23
10:56	11	|	16.43	6.26	124	1.38	12.3	9.12
10:59	11	|	16.52	6.26	112	1.38	10.4	9.00
11:02	11	|	16.56	6.27	107	1.37	10.2	8.93
11:05	11	|	16.57	6.27	109	1.37	10.1	8.97

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1059	1102	0	0	0.04	0.01	5	0.01	0.1	0.02
1059	1105	0	0	0.05	0.01	3	0.01	0.3	0.03
1102	1105	0	0	0.01	0	2	0	0.2	0.01
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1110

Reviewed by: NZ

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP ENGINEERING, P.C.

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SAMPLE DATE: 4/25/2024

TOTAL # WELLS: 8

LOW-FLOW SAMPLING LOG

Client Name: DEC

Project Locatior 473 President St

Sampler(s): LW

Sample Pump: Peristaltic

Tubing Typ LDPE

Monitoring Equipment: Horiba

Well I.D. HRP-MW-3

Well Diameter (inches): 2"

Total Depth (ft btoc): 16.71

Depth to Water (ft btoc): 9.01

Screen Setting (ft btoc): 5 to 17

Tubing Intake (ft btoc): 14.5

Comments:

Well Condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
12:52	9.39	100	18.18	6.34	-71	4.25	16.2	8.17
12:55	9.70	|	17.82	6.36	-78	4.24	15.4	8.25
12:58	10.10	|	17.25	6.36	-83	4.27	15.2	8.27
13:01	10.70	|	17.21	6.35	-82	4.28	15.3	8.26
13:03	10.94	|	17.23	6.35	-84	4.28	15.1	8.25

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
12:58	13:01	0.60	0	0.04	0.01	1	0.01	0.1	0.01
12:58	13:03	0.44	0	0.02	0.01	1	0.01	0.1	0.02
13:01	13:03	0.24	0	0.02	0	2	0	0.2	0.01
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		N	Y	Y	Y	Y	Y	Y	Y

Sample Time: 13:10

Reviewed by: NL

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP ENGINEERING, P.C.

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SAMPLE DATE: 4/29/2024

TOTAL # WELLS: 8

LOW-FLOW SAMPLING LOG

Client Name: DEC

Project Locatior 473 President St

Sampler(s): NZ

Well I.D. HRP-MW-4

Well Diameter (inches): 2

Total Depth (ft btoc): 15.85

Depth to Water (ft btoc): 8.55

Well Condition: good

Sample Pump: Peristaltic

Tubing Typ LDPE

Monitoring Equipment: Horiba

Screen Setting (ft btoc): 6 to 16

Tubing Intake (ft btoc): 13'

Comments:

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1020	8.60	100	13.53	5.80	-33	1.14	209	11.65
1023	8.60		13.52	5.82	-38	1.20	120	10.95
1026	8.60		13.54	5.82	-38	1.21	90	10.74
1029	8.60		13.62	5.82	-37	1.28	42	10.34
1032	8.60		13.71	5.82	-37	1.34	32	10.20
1035	8.60		13.78	5.82	-37	1.35	33	10.10
1038	8.60		13.79	5.82	-37	1.37	30	9.91

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1032	1035	0	0	0.07	0	0	0.01	1	0.10
1032	1038	0	0	0.08	0	0	0.03	2	0.19
1035	1038	0	0	0.01	0	0	0.02	3	0.09
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1040

Reviewed by: NZ

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

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SAMPLE DATE: 4/25/2024

TOTAL # WELLS: 8

LOW-FLOW SAMPLING LOG

Client Name: DEC
Project Locatior 473 President St
Sampler(s): NZ

Sample Pump: Peristaltic
Tubing Typ LDPE
Monitoring Equipment: Horiba

Well I.D. HRP-MW-4D
Well Diameter (inches): 2
Total Depth (ft btoc): 29.20
Depth to Water (ft btoc): 8.6

Screen Setting (ft btoc): 20 to 30
Tubing Intake (ft btoc): 26
Comments:

Well Condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1059	8.62	100	14.27	5.80	21	1.37	66	9.85
1102	8.60	|	14.38	5.80	18	1.37	60	9.60
1105	8.60	|	14.61	5.80	10	1.38	50	9.41
1108	8.60	|	14.64	5.80	-1	1.39	47	9.34
1111	8.60	|	14.65	5.78	-6	1.41	44	9.28
1114	8.60	|	14.74	5.80	-12	1.42	42	9.17
1117	8.60	|	14.74	5.79	-15	1.42	42	9.11
1120	8.60	|	14.78	5.80	-17	1.42	43	9.03

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1114	1117	0	0	0	0.01	3	0	0	0.06
1114	1120	0	0	0.04	0.00	5	0	1	0.14
1117	1120	0	0	0.04	0.01	2	0	1	0.08
				✱					
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1122

Reviewed by: NZ

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP ENGINEERING, P.C.

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SAMPLE DATE: 4/26/2024

TOTAL # WELLS: 1

LOW-FLOW SAMPLING LOG

Client Name: DEC
Project Locatior 473 President St
Sampler(s): LW

Sample Pump: Peristaltic
Tubing Typ LDPE
Monitoring Equipment: Horiba

Well I.D. HRP-MW-5 -Also labeled HAP-MW-5A
Well Diameter (inches): 2"
Total Depth (ft btoc): 14.67 @9:08
Depth to Water (ft btoc): 8.79

Screen Setting (ft btoc): 4 to 16
Tubing Intake (ft btoc): 12.5
Comments:

Well Condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
9:24	8.79	100	11.07	6.46	-70	1.84	12.8	11.30
9:27	11	|	11.89	6.48	-76	1.82	9.3	10.61
9:30	11	|	11.99	6.49	-79	1.83	6.9	10.50
9:33	11	|	12.03	6.49	-80	1.83	7.0	10.45
9:36	11	|	12.04	6.49	-81	1.83	6.9	10.37
9:39	11		12.07	6.49	-82	1.83	6.8	10.36

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
9:33	9:36	0	0	0.01	0	1	0	0.1	0.08
9:33	9:39	0	0	0.04	0	2	0	0.2	0.09
9:36	9:39	0	0	0.03	0	1	0	0.1	0.01
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y NL	Y	Y

Sample Time: 9:40
Reviewed by: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP-MW-5B DTW 8.8 @9:05
DTB 26.21

HRP ENGINEERING, P.C.

PAGE _____ OF _____

SAMPLE DATE: 4/25/2024

TOTAL # WELLS: 8

LOW-FLOW SAMPLING LOG

Client Name: DEC
Project Locatior 473 President St
Sampler(s): LW

Sample Pump: Peristaltic
Tubing Typ LDPE
Monitoring Equipment: Horiba

Well I.D. HRP-MW-6S
Well Diameter (inches): 2"
Total Depth (ft btoc): 14.5
Depth to Water (ft btoc): 8.12

Screen Setting (ft btoc): 4.5 to 14.5
Tubing Intake (ft btoc): 12.5
Comments:

Well Condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
11:20	8.12	100	16.46	6.24	147	1.67	16.3	10.24
11:23	"	|	16.24	6.25	145	1.66	160	9.12
11:26	"	|	16.20	6.27	143	1.66	32.0	8.96
11:29	"	|	16.22	6.27	141	1.66	15.4	8.86
11:32	"	|	16.23	6.27	139	1.66	10.4	8.82
11:35	"	|	16.24	6.26	138	1.65	8.7	8.79
11:38	"	|	16.24	6.26	138	1.65	9.8	8.78
11:41	"	|	16.25	6.26	137	1.65	9.6	8.78

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1135	1138	0	0	0	0	0	0	1.1	0.01
1135	1141	0	0	0.01	0	1	0	0.9	0.01
1138	1141	0	0	0.01	0	1	0	0.2	0
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	N	Y

Sample Time: 11:45
Reviewed by:

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP ENGINEERING, P.C.

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SAMPLE DATE: 4/25/2024

TOTAL # WELLS: 8

LOW-FLOW SAMPLING LOG

Client Name:	DEC	Sample Pump: Peristaltic	
Project Locatior	473 President St	Tubing Typ LDPE	
Sampler(s):	LW	Monitoring Equipment:	Horiba
Well I.D.	HRP-MW-6D	Screen Setting (ft btoc):	18.4 to 28.4
Well Diameter (inches):	2"	Tubing Intake (ft btoc):	26.5
Total Depth (ft btoc):	28.4	Comments:	
Depth to Water (ft btoc):	8.02		
Well Condition:	good		

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
11:59	8.02	100	17.18	6.22	142	1.39	34.7	8.29
12:02	11	|	17.31	6.24	139	1.34	14.1	8.27
12:05	11	|	17.34	6.27	135	1.38	9.2	8.22
12:08	11	|	17.36	6.29	131	1.38	8.2	8.18
12:11	11	|	17.37	6.29	130	1.37	8.6	8.16
12:14	11		17.37	6.30	131	1.36	8.1	8.16

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
12:08	12:11	0	0	0.01	0	1	0.01	0.4	0.02
12:08	12:14	0	0	0.01	0.01	0	0.02	0.1	0.02
12:11	12:14	0	0	0	0.01	1	0.01	0.5	0
									~~0~~
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 12:15 Reviewed by: NL

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP ENGINEERING, P.C.

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SAMPLE DATE: 4/25/2024

TOTAL # WELLS: 8

LOW-FLOW SAMPLING LOG

Client Name: DEC

Project Locatior 473 President St

Sampler(s): NZ

Sample Pump: Peristaltic

Tubing Typ LDPE

Monitoring Equipment: Horiba

Well I.D. HRP-MW-7S

Well Diameter (inches): 2

Total Depth (ft btoc): 15.15

Depth to Water (ft btoc): 7.9

Screen Setting (ft btoc): 5.15 to 15.15

Tubing Intake (ft btoc): (N2) ~~10~~ 13

Comments: pvc is buried in hole 16' to sidewalk

Well Condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1152	7.90	100	15.90	5.80	63	1.67	62	9.42
1155	7.90	"	15.06	5.81	54	1.67	53	9.00
1158	7.90	"	15.19	5.82	51	1.68	51	8.88
1201	7.90	"	15.15	5.82	50	1.68	52	8.88
1204	7.90	"	15.13	5.82	47	1.68	34.0	8.79
1207	7.90	"	15.19	5.83	45	1.68	24.2	8.69
1210	7.90	"	15.19	5.82	43	1.68	13.5	8.64
1213	7.90	"	15.20	5.82	41	1.68	3.0	8.52
1216	7.90	"	15.20	5.82	40	1.68	3.0	8.44
1219	7.90	"	15.19	5.82	39	1.68	3.0	8.43

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1213	1216	0	0	0	0	1	0	0	0.08
1213	1219	0	0	0.01	0	2	0	0	0.09
1216	1219	0	0	0.01	0	1	0	0	0.01
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1222

Reviewed by: _____

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP ENGINEERING, P.C.

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SAMPLE DATE: 4/25/2024

TOTAL # WELLS: 8

LOW-FLOW SAMPLING LOG

Client Name: DEC
Project Locatior 473 President St
Sampler(s): NZ

Sample Pump: Peristaltic
Tubing Typ LDPE
Monitoring Equipment: Horiba

Well I.D. HRP-MW-7D
Well Diameter (inches): 2
Total Depth (ft btoc): 24.00
Depth to Water (ft btoc): 8.15

Screen Setting (ft btoc): 15 to 25
Tubing Intake (ft btoc): 22'
Comments:

Well Condition: good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters					
			Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1251	8.15	100	17.75	5.80	76	1.63	100	8.11
1254	8.15		17.93	5.80	73	1.63	98	7.92
1257	8.15		17.92	5.82	67	1.63	78	7.77
1300	8.15		18.00	5.82	66	1.63	72	7.73
1303	8.15		18.30	5.82	63	1.62	51	7.60
1306	8.15		18.10	5.84	60	1.62	56	7.56
1309	8.15		18.29	5.83	59	1.61	45	7.48
1312	8.15		18.22	5.83	58	1.61	47	7.39
1315	8.15		18.29	5.82	57	1.61	43	7.30

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Temperature (oC)	pH	ORP (mv)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)
1309	1312	0	0	0.07	0	1	0	2	0.09
1309	1315	0	0	0	0.01	2	0	2	0.18
1312	1315	0	0	0.07	0.01	1	0	4	0.09
Recommended Stabilization		+/- 0.3	100-500	+/- 3%	+/- 0.1	+/- 10	+/- 3%	+/- 10%	+/- 10%
Stabilization: (Yes/No)		Y	Y	Y	Y	Y	Y	Y	Y

Sample Time: 1318

Reviewed by: NZ

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimons per centimeter				

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-1
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielatron MGD 2002	PID Meter used:	mini Rae 2000 10.7 eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One) SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLEC I ED)	
Flow Regulator No.:	4436	Flow Regulator No.:	
Canister Serial No.:	1137	Canister Serial No.:	
Start Date/Time:	0814	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	0944	Stop Date/Time:	
Stop Pressure: (inches Hg)	-11	Stop Pressure: (inches Hg)	
Sample ID:	SV-1 _ 10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	5.2 %	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	50 ppm	Approx. Depth to Groundwater:	6'
Vapor Point He/Enclosure He (%)	0.0009 %	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	PID 1500 cc	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.0	Tubing Type:	Tetlon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	40s	Seal Type, Depth:	Bentonite 3-5'
Wind Direction:	SW	Sand pack, Depth	Glass Beads 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-2
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielectric MGP 2002	PID Meter used:	Mini Rae 2000 11.7 eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One) SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4428	Flow Regulator No.:	
Canister Serial No.:	1998	Canister Serial No.:	
Start Date/Time:	0803	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	0934	Stop Date/Time:	
Stop Pressure: (inches Hg)	-1	Stop Pressure: (inches Hg)	
Sample ID:	SV-2_W.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	4.7 %	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	25 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	0.0005 %	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	PID 1500 cc	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.0	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	40's	Seal Type, Depth:	Bentonite 3-5'
Wind Direction:	SW	Sand Pack size, Depth	Glass Beads, 6-5'

Comments:

HRP Associates 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-3
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielatm MGO 2002	PID Meter used:	Mini Rae 2000 11.7 eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4434	Flow Regulator No.:	
Canister Serial No.:	7027	Canister Serial No.:	
Start Date/Time:	0755	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	0922	Stop Date/Time:	
Stop Pressure: (inches Hg)	-10.5	Stop Pressure: (inches Hg)	
Sample ID:	SV-3_10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	6.8 %	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	50 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	0.0007 %	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	MPP	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.0	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	40's	Seal Type, Depth:	Bentonite 3-5'
Wind Direction:	SW	Sand Pack Size& Depth	Glass Beads, 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-4
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielatron MGD 202	PID Meter used:	MiniRae 2000 11.7 eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4427	Flow Regulator No.:	
Canister Serial No.:	2022	Canister Serial No.:	
Start Date/Time:	0745	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	0911	Stop Date/Time:	
Stop Pressure: (inches Hg)	-11	Stop Pressure: (inches Hg)	
Sample ID:	SV-4 10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	5.5 %	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	0 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	—	Noticeable Odor?	no
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	1500	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.0	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	40°s	Seal Type, Depth:	Bentonite 7-5'
Wind Direction:	SW	Sand Pack Size, Depth	Glass Beads, 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-5
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielatrix MGD2002	PID Meter used:	MiniRae 2000 11.7 eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4419	Flow Regulator No.:	
Canister Serial No.:	2207	Canister Serial No.:	
Start Date/Time:	1030	Start Date/Time:	
Start Pressure: (inches Hg)	-29	Start Pressure: (inches Hg)	
Stop Date/Time:	1148	Stop Date/Time:	
Stop Pressure: (inches Hg)	-11	Stop Pressure: (inches Hg)	
Sample ID:	SV-5_10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	6.0 %	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	25 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	0.0004 %	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	PID 1500 cc	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.0	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 1"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	50's	Seal Type, Depth:	Bentonite 3-5'
Wind Direction:	SW	Sand Pack size, Depth	Glass Beads, 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-6
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielectric MGD 2002	PID Meter used:	MiniRae 2000 11.7eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR/ INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4415	Flow Regulator No.:	
Canister Serial No.:	1645	Canister Serial No.:	
Start Date/Time:	0832	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	1017	Stop Date/Time:	
Stop Pressure: (inches Hg)	-9	Stop Pressure: (inches Hg)	
Sample ID:	SV-6_10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	7.3%	Depth to Sample Point	5'
Helium Concentration in Vapor Point:	75 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	0.001%	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	PID 1500cc	Soil Vapor Point Screen Type:	6" Steel
PID Reading (post-purge)	1.4	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	40's	Seal Type, Depth:	Bentonite to 2-4'
Wind Direction:	SW	Sand Pack Size, Depth	Glass Beads, 5-4'

Comments:

Moisture in tubing

HRP Associates 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	–
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-7
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielectric MG02002	PID Meter used:	Mini Rae 2000 11.7 EV

SUMMA Canister Record:

SAMPLE TYPE (Circle One) SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	7437	Flow Regulator No.:	
Canister Serial No.:	1966	Canister Serial No.:	
Start Date/Time:	10/20/22 0847	Start Date/Time:	
Start Pressure: (inches Hg)	-29	Start Pressure: (inches Hg)	
Stop Date/Time:	10/21/22 1025	Stop Date/Time:	
Stop Pressure: (inches Hg)	-6	Stop Pressure: (inches Hg)	
Sample ID:	SV-7_10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	6.9%	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	0 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	—	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	PID ~~→~~ 1500cc	Soil Vapor Point Screen Type:	6" Steel
PID Reading (post-purge)	0.1	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	40's	Seal Type, Depth:	Bentonite 3-5'
Wind Direction:	SW	Sand Pack Size, Depth	Glass Beads 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-8
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielatrz MbD 2002	PID Meter used:	Mini Rae 2000 11.7 eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One) SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4450	Flow Regulator No.:	
Canister Serial No.:	1986	Canister Serial No.:	
Start Date/Time:	0728	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	0902	Stop Date/Time:	
Stop Pressure: (inches Hg)	-10	Stop Pressure: (inches Hg)	
Sample ID:	SV-8_10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	5.9 %	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	25 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	0.0004 %	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	MiniRae PID 1500 ml	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.0	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand - 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	40's	Seal Type, Depth:	Bentonite 3-5'
Wind Direction:	SW	Sand Pack Size, Depth	Glass Beads, 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-9
Date:	10/27/22	Sampler:	RL
Helium Meter:	MGD 2002 Dselectra	PID Meter used:	Mini Rae 2000 11.72 V

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4316	Flow Regulator No.:	4316
Canister Serial No.:	1762	Canister Serial No.:	1886
Start Date/Time:	10/27/22 1105	Start Date/Time:	10/27/22 1105
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	-30
Stop Date/Time:	10/27/22 1215	Stop Date/Time:	10/27/22 1215
Stop Pressure: (inches Hg)	-10	Stop Pressure: (inches Hg)	10/27/22 RL -10
Sample ID:	SV-9_10.27.22	Sample ID:	DUP-1_10.27.22

Other Sampling Information:

Helium Concentration in Enclosure:	7.2%	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	25 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	0.0003%	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	1500 cc	Soil Vapor Point Screen Type:	6" Steel
PID Reading (post-purge)	0.0	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	~~60's~~ (D)	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	60's	Seal Type, Depth:	Bentonite 35'
Wind Direction:	SW		

Comments:

HRP Associates 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-10
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielectric MGD 2002	PID Meter used:	Mini Rae 2000 11.7eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4402	Flow Regulator No.:	
Canister Serial No.:	2223	Canister Serial No.:	
Start Date/Time:	1047	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	1214	Stop Date/Time:	
Stop Pressure: (inches Hg)	-11	Stop Pressure: (inches Hg)	
Sample ID:	SV-10_10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	8.1%	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	25 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	0.0003	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	PID 1500 cc	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	1.0	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	50's	Seal Type, Depth:	Bentonite, 3-5'
Wind Direction:	SW	Sand Pack Size, Depth	Glass Beads, 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-11
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielatric MGO #202	PID Meter used:	Mini Rae 2000 11.7 eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4414	Flow Regulator No.:	
Canister Serial No.:	1170	Canister Serial No.:	
Start Date/Time:	1057	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	1226	Stop Date/Time:	
Stop Pressure: (inches Hg)	-11	Stop Pressure: (inches Hg)	
Sample ID:	SV-11-10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	7.5 %	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	50 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	0.00067%	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	PID 1500 cc	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.3	Tubing Type:	Tetlon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	50's	Seal Type, Depth:	Bentonite, 3-5'
Wind Direction:	SW	Sand Pack Size, Depth	Glass Beads 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	–
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-12
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielatrix MGD 2002	PID Meter used:	Mini Rae 2000 11.7 eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR/ INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4364	Flow Regulator No.:	
Canister Serial No.:	1675	Canister Serial No.:	
Start Date/Time:	1107	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	1250	Stop Date/Time:	
Stop Pressure: (inches Hg)	-11	Stop Pressure: (Inches Hg)	
Sample ID:	SV-12_10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	5.6%	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	25 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	0.0004%	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	PID 1500cc	Soil Vapor Point Screen Type:	6" Steel
PID Reading (post-purge)	0.0	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	–	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	50's	Seal Type, Depth:	Bentonite, 3-5'
Wind Direction:	SW	Sand Pack Size, Depth	Glass Beads, 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-13
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielectric MGD 2002	PID Meter used:	MiniRae 2000 11.7 ev

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4363	Flow Regulator No.:	
Canister Serial No.:	2029	Canister Serial No.:	
Start Date/Time:	1125	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	1306	Stop Date/Time:	
Stop Pressure: (inches Hg)	-8	Stop Pressure: (inches Hg)	
Sample ID:	SV-13_10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	5.7%	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	0 ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	—	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	PID 1500cc	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.0	Tubing Type:	Tefton
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	50's	Seal Type, Depth:	Bentonite, 5-5'
Wind Direction:	SW	Sand Pack Size, Depth	Glass Beads, 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-14
Date:	10/20/22	Sampler:	RL
Helium Meter:	Dielectric MGD 2002	PID Meter used:	Mini Rae 2000 11.7eV

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR / INDOOR AIR/ OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4360	Flow Regulator No.:	
Canister Serial No.:	1066	Canister Serial No.:	
Start Date/Time:	1136	Start Date/Time:	
Start Pressure: (inches Hg)	-29	Start Pressure: (inches Hg)	
Stop Date/Time:	1316	Stop Date/Time:	
Stop Pressure: (inches Hg)	-11	Stop Pressure: (inches Hg)	
Sample ID:	SV-14_10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	6.2%	Depth to Sample Point	6'
Helium Concentration in Vapor Point:	50ppm	Approx. Depth to Groundwater:	8'
Vapor Point He/Enclosure He (%)	0.0008%	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	PID 1500cc	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.0	Tubing Type:	(D) ~~Teflon~~ Tetlon
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	Sand to 6"
Outdoor Ambient Temperature & Humidity (Percipitation)?:	50's	Seal Type, Depth:	Bentonite, 5-5'
Wind Direction:	SW	Sand Pack Size, Depth	Glass Beads, 6-5'

Comments:

HRP Associates Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	1	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	OA-1
Date:	10/20/22	Sampler:	RL
Helium Meter:	—	PID Meter used:	—

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR / INDOOR AIR / OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4424	Flow Regulator No.:	
Canister Serial No.:	1928	Canister Serial No.:	
Start Date/Time:	10/20/22 0907	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	1030	Stop Date/Time:	
Stop Pressure: (inches Hg)	-4	Stop Pressure: (inches Hg)	
Sample ID:	OA-1_10.20.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	—	Depth to Sample Point	—
Helium Concentration in Vapor Point:	—	Approx. Depth to Groundwater:	—
Vapor Point He/Enclosure He (%)	—	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	—	Soil Vapor Point Screen Type:	—
PID Reading (post-purge)	—	Tubing Type:	—
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	—
Outdoor Ambient Temperature & Humidity (Percipitation)?:	40's	Seal Type, Depth:	—
Wind Direction:	SW		

Comments:

HRP Associates 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	SOIL VAPOR SAMPLING FORM	

Project:	473 President Street	Building I.D.	—
HRP Job #	DEC1035.P2	Vapor Point ID:	OA-1_10.27.22
Date:	10/27/22	Sampler:	RL
Helium Meter:	—	PID Meter used:	—

SUMMA Canister Record:

SAMPLE TYPE (Circle One): SOIL VAPOR / INDOOR AIR / OUTDOOR AIR		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	4439	Flow Regulator No.:	
Canister Serial No.:	1936	Canister Serial No.:	
Start Date/Time:	10/27/22 1110	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	10/27/22 1240	Stop Date/Time:	
Stop Pressure: (inches Hg)	-11	Stop Pressure: (inches Hg)	
Sample ID:	OA-1_10.27.22	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	—	Depth to Sample Point	—
Helium Concentration in Vapor Point:	—	Approx. Depth to Groundwater:	—
Vapor Point He/Enclosure He (%)	—	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	—	Soil Vapor Point Screen Type:	—
PID Reading (post-purge)	—	Tubing Type:	—
Indoor Ambient Temperature & Humidity:	—	Backfill Type, Depth:	—
Outdoor Ambient Temperature & Humidity (Percipitation)?:	60's	Seal Type, Depth:	—
Wind Direction:	SW		

Comments:

HRP Associates 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	SOIL VAPOR INTRUSION FIELD SAMPLING FORM	

Project:	473 President St.	Building I.D:	—
HRP Job #	DEC 1035.P2	Vapor Point ID:	SV-15
Date:	1/18/23	Sampler:	~~SV-15~~ SD SD
Helium Meter:	Dielectric EMGD2052	PID Meter:	Uni Rae 3000

Soil Vapor SUMMA Canister Record:

	SOIL VAPOR POINT	DUPLICATE SAMPLE (IF COLLEC I ED)	
Flow Regulator No.:	—	Flow Regulator No.:	
Canister Serial No.:	2785 SD	Canister Serial No.:	
Start Date/Time:	1/18/23 850 1/18/23	Start Date/Time:	
Start Pressure: (inches Hg)	30 850	Start Pressure: (inches Hg)	
Stop Date/Time:	10:07	Stop Date/Time:	
Stop Pressure: (inches Hg)	9	Stop Pressure: (inches Hg)	
Sample ID:	SV-15_1.18.23	Sample ID:	

Indoor Air SUMMA Canister Record:

	BASEMENT OR GROUNDFLOOR	FIRST FLOOR LIVING SPACE	
Flow Regulator No.:		Flow Regulator No.:	
Canister Serial No.:		Canister Serial No.:	
Start Date/Time:		Start Date/Time:	
Start Pressure: (inches Hg)		Start Pressure: (inches Hg)	
Stop Date/Time:		Stop Date/Time:	
Stop Pressure: (inches Hg)		Stop Pressure: (inches Hg)	
Sample ID:		Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	16.7	Depth to Sample Point	7
Helium Concentration in Vapor Point:	50	Approx. Depth to Groundwater:	9
Vapor Point He/Enclosure He (%)	0.0803	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	1500	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.1	Tubing Type:	teflon
Indoor Ambient Temperature & Humidity:		Backfill Type, Depth:	Sand 7"
Outdoor Ambient Temperature & Humidity	50	Seal Type, Depth:	Bent 3-6
Wind Direction:	N		Glass Beads 7-6

Comments:

HRP

HRP Associates 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	SOIL VAPOR INTRUSION FIELD SAMPLING FORM	

Project:	473 Resident St	Building I.D:	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-16
Date:	1/18/23	Sampler:	~~JD~~ SD
Helium Meter:	Dielectric MGD 2000	PID Meter:	MiniRae 3000

Soil Vapor SUMMA Canister Record:

SOIL VAPOR POINT		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	FC0216	Flow Regulator No.:	
Canister Serial No.:	3077	Canister Serial No.:	
Start Date/Time:	1/18/23 8:40	Start Date/Time:	
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	
Stop Date/Time:	1/18/23 10:05	Stop Date/Time:	
Stop Pressure: (inches Hg)	7	Stop Pressure: (inches Hg)	
Sample ID:	SV-16_1.18.23	Sample ID:	

Indoor Air SUMMA Canister Record:

BASEMENT OR GROUNDFLOOR		FIRST FLOOR LIVING SPACE	
Flow Regulator No.:		Flow Regulator No.:	
Canister Serial No.:		Canister Serial No.:	
Start Date/Time:		Start Date/Time:	
Start Pressure: (inches Hg)		Start Pressure: (inches Hg)	
Stop Date/Time:		Stop Date/Time:	
Stop Pressure: (inches Hg)		Stop Pressure: (inches Hg)	
Sample ID:		Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	11.9	Depth to Sample Point	7
Helium Concentration in Vapor Point:	50	Approx. Depth to Groundwater:	9
Vapor Point He/Enclosure He (%)	0.0004	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	1500	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.0	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	~~50°F~~	Backfill Type, Depth:	Sand
Outdoor Ambient Temperature & Humidity	50°F	Seal Type, Depth:	Bent 3-6'
Wind Direction:			Glass Beads 7-6'

Comments:

HRP

HRP Associates 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	SOIL VAPOR INTRUSION FIELD SAMPLING FORM	

Project:	973 President St.	Building I.D:	—
HRP Job #	DEC1035.P2	Vapor Point ID:	SV-17
Date:	1/18/23	Sampler:	~~SV-17~~ SD
Helium Meter:	Dielectric MGD2002	PID Meter:	Mini Rae 3000

Soil Vapor SUMMA Canister Record:

SOIL VAPOR POINT		DUPLICATE SAMPLE (IF COLLECTED)	
Flow Regulator No.:	FC1090	Flow Regulator No.:	
Canister Serial No.:	3137	Canister Serial No.:	
Start Date/Time:	1/18/23 9:03	Start Date/Time:	
Start Pressure: (inches Hg)	-28	Start Pressure: (inches Hg)	
Stop Date/Time:	1/18/23 10:08	Stop Date/Time:	
Stop Pressure: (inches Hg)	9	Stop Pressure: (inches Hg)	
Sample ID:	~~SV-1_1.18.23~~ SD	Sample ID:	→ SV-17_1.18.23

Indoor Air SUMMA Canister Record:

BASEMENT OR GROUNDFLOOR		FIRST FLOOR LIVING SPACE	
Flow Regulator No.:		Flow Regulator No.:	
Canister Serial No.:		Canister Serial No.:	
Start Date/Time:		Start Date/Time:	
Start Pressure: (inches Hg)		Start Pressure: (inches Hg)	
Stop Date/Time:		Stop Date/Time:	
Stop Pressure: (inches Hg)		Stop Pressure: (inches Hg)	
Sample ID:		Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	15.5%	Depth to Sample Point	6
Helium Concentration in Vapor Point:	50	Approx. Depth to Groundwater:	8
Vapor Point He/Enclosure He (%)	0.0003	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	1500	Soil Vapor Point Screen Type:	6" steel
PID Reading (post-purge)	0.6	Tubing Type:	teflon
Indoor Ambient Temperature & Humidity:		Backfill Type, Depth:	Sand 6"
Outdoor Ambient Temperature & Humidity	40	Seal Type, Depth:	Bentonite 3-5' Glass Beads 6-5'
Wind Direction:	N		

Comments:

9

HRP Associates 1 Fairchild Square, Suite 110 Clifton Park, NY 12065 (518) 877-7101	SOIL VAPOR INTRUSION FIELD SAMPLING FORM	

Project:	163 St	Building I.D:	7
HRP Job #		Vapor Point ID:	SV-18
Date:	1/18/23	Sampler:	SD
Helium Meter:	Dielectric MGD 2000	PID Meter:	MiniRae 3000

Soil Vapor SUMMA Canister Record:

	SOIL VAPOR POINT FC0553		DUPLICATE SAMPLE (IF COLLECTED)
Flow Regulator No.:	~~3116~~ ~~2876~~	Flow Regulator No.:	~~3116~~ ~~2876~~
Canister Serial No.:	2876	Canister Serial No.:	3116
Start Date/Time:	1/18/23 8:23	Start Date/Time:	8:23
Start Pressure: (inches Hg)	-30	Start Pressure: (inches Hg)	-30
Stop Date/Time:	1/18/23 9:55	Stop Date/Time:	9:55
Stop Pressure: (inches Hg)	-8	Stop Pressure: (inches Hg)	-8
Sample ID:	SV-18_1.18.23	Sample ID:	DUP1_1.18.23

- 2 different #s on dup reg no #? FC0553 on barcode

Indoor Air SUMMA Canister Record: Outdoor

~~BASEMENT OR GROUNDFLOOR~~		FIRST FLOOR LIVING SPACE	
Flow Regulator No.:	FC2618	Flow Regulator No.:	
Canister Serial No.:	2450	Canister Serial No.:	
Start Date/Time:	1/18/23 8:25	Start Date/Time:	
Start Pressure: (inches Hg)	~~1/18~~ SD -30	Start Pressure: (inches Hg)	
Stop Date/Time:	1/18/23 9:50	Stop Date/Time:	
Stop Pressure: (inches Hg)	-9	Stop Pressure: (inches Hg)	
Sample ID:	OA_1.18.23	Sample ID:	

Other Sampling Information:

Helium Concentration in Enclosure:	13.1	Depth to Sample Point	6
Helium Concentration in Vapor Point:	75	Approx. Depth to Groundwater:	8
Vapor Point He/Enclosure He (%)	0.0006	Noticeable Odor?	No
Purge Method and Purge Volume: Note: Mini Rae 3000 pump rate= 450 cc/min	1500	Soil Vapor Point Screen Type:	6" Steel
PID Reading (post-purge)	0.2	Tubing Type:	Teflon
Indoor Ambient Temperature & Humidity:	50	Backfill Type, Depth:	Sand 6"
Outdoor Ambient Temperature & Humidity		Seal Type, Depth:	Bentonite 5-5
Wind Direction:	N		Glass Beads 6-5'

Comments: Outdoor collected next to well. & Duplicate Collected

ATTACHMENT B
CAMP Data

HRP
MOVE YOUR ENVIRONMENT FORWARD

Community Air Monitoring Program Report

Project Name: 473 President Street - offsite

Date: 10/17/22

Weather: 50's, Overcast, On-off rain

Personnel: R. Langowski

Time	801043 Upwind 3811		39436 Downwind 39840		Work Zone	
	PID (ppm)	Particulates (mg/m³)	PID (ppm)	Particulates (mg/m³)	PID (ppm)	Particulates (mg/m³)
0945	0 - 0	0.020	0.0	0.024		
1000	0.0	0.019	0.0	0.020		
1015	0.0	0.018	0.0	0.019		
1030	0.0	0.019	0.0	0.020		
1045	0.0	0.018	0.0	0.019		
1100	0.0	0.019	0.0	0.015		
1115	0.0	0.013	0.0	0.015		

Datalog

Current Event:22/10/18 08:22

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-602252
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	10/18/2022 08:22:43
End	10/18/2022 12:15:59
Sample Period(s)	60
Number of Records	233
Sensor	PID(ppm)
Sensor SN	S023030133B5
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	10/7/2022 10:06
Peak	0.0
Min	0.0
Average	0.0

Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	10/18/2022 08:23:43	0.0	0.0	0.0	0.0
002	10/18/2022 08:24:43	0.0	0.0	0.0	0.0
003	10/18/2022 08:25:43	0.0	0.0	0.0	0.0
004	10/18/2022 08:26:43	0.0	0.0	0.0	0.0
005	10/18/2022 08:27:43	0.0	0.0	0.0	0.0
006	10/18/2022 08:28:43	0.0	0.0	0.0	0.0
007	10/18/2022 08:29:43	0.0	0.0	0.0	0.0
008	10/18/2022 08:30:43	0.0	0.0	0.0	0.0
009	10/18/2022 08:31:43	0.0	0.0	0.0	0.0
010	10/18/2022 08:32:43	0.0	0.0	0.0	0.0
011	10/18/2022 08:33:43	0.0	0.0	0.0	0.0
012	10/18/2022 08:34:43	0.0	0.0	0.0	0.0
013	10/18/2022 08:35:43	0.0	0.0	0.0	0.0
014	10/18/2022 08:36:43	0.0	0.0	0.0	0.0
015	10/18/2022 08:37:43	0.0	0.0	0.0	0.0
016	10/18/2022 08:38:43	0.0	0.0	0.0	0.0
017	10/18/2022 08:39:43	0.0	0.0	0.0	0.0
018	10/18/2022 08:40:43	0.0	0.0	0.0	0.0
019	10/18/2022 08:41:43	0.0	0.0	0.0	0.0
020	10/18/2022 08:42:43	0.0	0.0	0.0	0.0
021	10/18/2022 08:43:43	0.0	0.0	0.0	0.0
022	10/18/2022 08:44:43	0.0	0.0	0.0	0.0
023	10/18/2022 08:45:43	0.0	0.0	0.0	0.0
024	10/18/2022 08:46:43	0.0	0.0	0.0	0.0
025	10/18/2022 08:47:43	0.0	0.0	0.0	0.0
026	10/18/2022 08:48:43	0.0	0.0	0.0	0.0
027	10/18/2022 08:49:43	0.0	0.0	0.0	0.0
028	10/18/2022 08:50:43	0.0	0.0	0.0	0.0
029	10/18/2022 08:51:43	0.0	0.0	0.0	0.0
030	10/18/2022 08:52:43	0.0	0.0	0.0	0.0
031	10/18/2022 08:53:43	0.0	0.0	0.0	0.0
032	10/18/2022 08:54:43	0.0	0.0	0.0	0.0
033	10/18/2022 08:55:43	0.0	0.0	0.0	0.0
034	10/18/2022 08:56:43	0.0	0.0	0.0	0.0
035	10/18/2022 08:57:43	0.0	0.0	0.0	0.0
036	10/18/2022 08:58:43	0.0	0.0	0.0	0.0
037	10/18/2022 08:59:43	0.0	0.0	0.0	0.0
038	10/18/2022 09:00:43	0.0	0.0	0.0	0.0
039	10/18/2022 09:01:43	0.0	0.0	0.0	0.0
040	10/18/2022 09:02:43	0.0	0.0	0.0	0.0
041	10/18/2022 09:03:43	0.0	0.0	0.0	0.0
042	10/18/2022 09:04:43	0.0	0.0	0.0	0.0
043	10/18/2022 09:05:43	0.0	0.0	0.0	0.0
044	10/18/2022 09:06:43	0.0	0.0	0.0	0.0
045	10/18/2022 09:07:43	0.0	0.0	0.0	0.0
046	10/18/2022 09:08:43	0.0	0.0	0.0	0.0
047	10/18/2022 09:09:43	0.0	0.0	0.0	0.0
048	10/18/2022 09:10:43	0.0	0.0	0.0	0.0
049	10/18/2022 09:11:43	0.0	0.0	0.0	0.0
050	10/18/2022 09:12:43	0.0	0.0	0.0	0.0
051	10/18/2022 09:13:43	0.0	0.0	0.0	0.0
052	10/18/2022 09:14:43	0.0	0.0	0.0	0.0
053	10/18/2022 09:15:43	0.0	0.0	0.0	0.0
054	10/18/2022 09:16:43	0.0	0.0	0.0	0.0
055	10/18/2022 09:17:43	0.0	0.0	0.0	0.0
056	10/18/2022 09:18:43	0.0	0.0	0.0	0.0
057	10/18/2022 09:19:43	0.0	0.0	0.0	0.0
058	10/18/2022 09:20:43	0.0	0.0	0.0	0.0
059	10/18/2022 09:21:43	0.0	0.0	0.0	0.0
060	10/18/2022 09:22:43	0.0	0.0	0.0	0.0
061	10/18/2022 09:23:43	0.0	0.0	0.0	0.0

062	10/18/2022 09:24:43	0.0	0.0	0.0	0.0
063	10/18/2022 09:25:43	0.0	0.0	0.0	0.0
064	10/18/2022 09:26:43	0.0	0.0	0.0	0.0
065	10/18/2022 09:27:43	0.0	0.0	0.0	0.0
066	10/18/2022 09:28:43	0.0	0.0	0.0	0.0
067	10/18/2022 09:29:43	0.0	0.0	0.0	0.0
068	10/18/2022 09:30:43	0.0	0.0	0.0	0.0
069	10/18/2022 09:31:43	0.0	0.0	0.0	0.0
070	10/18/2022 09:32:43	0.0	0.0	0.0	0.0
071	10/18/2022 09:33:43	0.0	0.0	0.0	0.0
072	10/18/2022 09:34:43	0.0	0.0	0.0	0.0
073	10/18/2022 09:35:43	0.0	0.0	0.0	0.0
074	10/18/2022 09:36:43	0.0	0.0	0.0	0.0
075	10/18/2022 09:37:43	0.0	0.0	0.0	0.0
076	10/18/2022 09:38:43	0.0	0.0	0.0	0.0
077	10/18/2022 09:39:43	0.0	0.0	0.0	0.0
078	10/18/2022 09:40:43	0.0	0.0	0.0	0.0
079	10/18/2022 09:41:43	0.0	0.0	0.0	0.0
080	10/18/2022 09:42:43	0.0	0.0	0.0	0.0
081	10/18/2022 09:43:43	0.0	0.0	0.0	0.0
082	10/18/2022 09:44:43	0.0	0.0	0.0	0.0
083	10/18/2022 09:45:43	0.0	0.0	0.0	0.0
084	10/18/2022 09:46:43	0.0	0.0	0.0	0.0
085	10/18/2022 09:47:43	0.0	0.0	0.0	0.0
086	10/18/2022 09:48:43	0.0	0.0	0.0	0.0
087	10/18/2022 09:49:43	0.0	0.0	0.0	0.0
088	10/18/2022 09:50:43	0.0	0.0	0.0	0.0
089	10/18/2022 09:51:43	0.0	0.0	0.0	0.0
090	10/18/2022 09:52:43	0.0	0.0	0.0	0.0
091	10/18/2022 09:53:43	0.0	0.0	0.0	0.0
092	10/18/2022 09:54:43	0.0	0.0	0.0	0.0
093	10/18/2022 09:55:43	0.0	0.0	0.0	0.0
094	10/18/2022 09:56:43	0.0	0.0	0.0	0.0
095	10/18/2022 09:57:43	0.0	0.0	0.0	0.0
096	10/18/2022 09:58:43	0.0	0.0	0.0	0.0
097	10/18/2022 09:59:43	0.0	0.0	0.0	0.0
098	10/18/2022 10:00:43	0.0	0.0	0.0	0.0
099	10/18/2022 10:01:43	0.0	0.0	0.0	0.0
100	10/18/2022 10:02:43	0.0	0.0	0.0	0.0
101	10/18/2022 10:03:43	0.0	0.0	0.0	0.0
102	10/18/2022 10:04:43	0.0	0.0	0.0	0.0
103	10/18/2022 10:05:43	0.0	0.0	0.0	0.0
104	10/18/2022 10:06:43	0.0	0.0	0.0	0.0
105	10/18/2022 10:07:43	0.0	0.0	0.0	0.0
106	10/18/2022 10:08:43	0.0	0.0	0.0	0.0
107	10/18/2022 10:09:43	0.0	0.0	0.0	0.0
108	10/18/2022 10:10:43	0.0	0.0	0.0	0.0
109	10/18/2022 10:11:43	0.0	0.0	0.0	0.0
110	10/18/2022 10:12:43	0.0	0.0	0.0	0.0
111	10/18/2022 10:13:43	0.0	0.0	0.0	0.0
112	10/18/2022 10:14:43	0.0	0.0	0.0	0.0
113	10/18/2022 10:15:43	0.0	0.0	0.0	0.0
114	10/18/2022 10:16:43	0.0	0.0	0.0	0.0
115	10/18/2022 10:17:43	0.0	0.0	0.0	0.0
116	10/18/2022 10:18:43	0.0	0.0	0.0	0.0
117	10/18/2022 10:19:43	0.0	0.0	0.0	0.0
118	10/18/2022 10:20:43	0.0	0.0	0.0	0.0
119	10/18/2022 10:21:43	0.0	0.0	0.0	0.0
120	10/18/2022 10:22:43	0.0	0.0	0.0	0.0
121	10/18/2022 10:23:43	0.0	0.0	0.0	0.0
122	10/18/2022 10:24:43	0.0	0.0	0.0	0.0
123	10/18/2022 10:25:43	0.0	0.0	0.0	0.0
124	10/18/2022 10:26:43	0.0	0.0	0.0	0.0
125	10/18/2022 10:27:43	0.0	0.0	0.0	0.0
126	10/18/2022 10:28:43	0.0	0.0	0.0	0.0

127	10/18/2022 10:29:43	0.0	0.0	0.0	0.0
128	10/18/2022 10:30:43	0.0	0.0	0.0	0.0
129	10/18/2022 10:31:43	0.0	0.0	0.0	0.0
130	10/18/2022 10:32:43	0.0	0.0	0.0	0.0
131	10/18/2022 10:33:43	0.0	0.0	0.0	0.0
132	10/18/2022 10:34:43	0.0	0.0	0.0	0.0
133	10/18/2022 10:35:43	0.0	0.0	0.0	0.0
134	10/18/2022 10:36:43	0.0	0.0	0.0	0.0
135	10/18/2022 10:37:43	0.0	0.0	0.0	0.0
136	10/18/2022 10:38:43	0.0	0.0	0.0	0.0
137	10/18/2022 10:39:43	0.0	0.0	0.0	0.0
138	10/18/2022 10:40:43	0.0	0.0	0.0	0.0
139	10/18/2022 10:41:43	0.0	0.0	0.0	0.0
140	10/18/2022 10:42:43	0.0	0.0	0.0	0.0
141	10/18/2022 10:43:43	0.0	0.0	0.0	0.0
142	10/18/2022 10:44:43	0.0	0.0	0.0	0.0
143	10/18/2022 10:45:43	0.0	0.0	0.0	0.0
144	10/18/2022 10:46:43	0.0	0.0	0.0	0.0
145	10/18/2022 10:47:43	0.0	0.0	0.0	0.0
146	10/18/2022 10:48:43	0.0	0.0	0.0	0.0
147	10/18/2022 10:49:43	0.0	0.0	0.0	0.0
148	10/18/2022 10:50:43	0.0	0.0	0.0	0.0
149	10/18/2022 10:51:43	0.0	0.0	0.0	0.0
150	10/18/2022 10:52:43	0.0	0.0	0.0	0.0
151	10/18/2022 10:53:43	0.0	0.0	0.0	0.0
152	10/18/2022 10:54:43	0.0	0.0	0.0	0.0
153	10/18/2022 10:55:43	0.0	0.0	0.0	0.0
154	10/18/2022 10:56:43	0.0	0.0	0.0	0.0
155	10/18/2022 10:57:43	0.0	0.0	0.0	0.0
156	10/18/2022 10:58:43	0.0	0.0	0.0	0.0
157	10/18/2022 10:59:43	0.0	0.0	0.0	0.0
158	10/18/2022 11:00:43	0.0	0.0	0.0	0.0
159	10/18/2022 11:01:43	0.0	0.0	0.0	0.0
160	10/18/2022 11:02:43	0.0	0.0	0.0	0.0
161	10/18/2022 11:03:43	0.0	0.0	0.0	0.0
162	10/18/2022 11:04:43	0.0	0.0	0.0	0.0
163	10/18/2022 11:05:43	0.0	0.0	0.0	0.0
164	10/18/2022 11:06:43	0.0	0.0	0.0	0.0
165	10/18/2022 11:07:43	0.0	0.0	0.0	0.0
166	10/18/2022 11:08:43	0.0	0.0	0.0	0.0
167	10/18/2022 11:09:43	0.0	0.0	0.0	0.0
168	10/18/2022 11:10:43	0.0	0.0	0.0	0.0
169	10/18/2022 11:11:43	0.0	0.0	0.0	0.0
170	10/18/2022 11:12:43	0.0	0.0	0.0	0.0
171	10/18/2022 11:13:43	0.0	0.0	0.0	0.0
172	10/18/2022 11:14:43	0.0	0.0	0.0	0.0
173	10/18/2022 11:15:43	0.0	0.0	0.0	0.0
174	10/18/2022 11:16:43	0.0	0.0	0.0	0.0
175	10/18/2022 11:17:43	0.0	0.0	0.0	0.0
176	10/18/2022 11:18:43	0.0	0.0	0.0	0.0
177	10/18/2022 11:19:43	0.0	0.0	0.0	0.0
178	10/18/2022 11:20:43	0.0	0.0	0.0	0.0
179	10/18/2022 11:21:43	0.0	0.0	0.0	0.0
180	10/18/2022 11:22:43	0.0	0.0	0.0	0.0
181	10/18/2022 11:23:43	0.0	0.0	0.0	0.0
182	10/18/2022 11:24:43	0.0	0.0	0.0	0.0
183	10/18/2022 11:25:43	0.0	0.0	0.0	0.0
184	10/18/2022 11:26:43	0.0	0.0	0.0	0.0
185	10/18/2022 11:27:43	0.0	0.0	0.0	0.0
186	10/18/2022 11:28:43	0.0	0.0	0.0	0.0
187	10/18/2022 11:29:43	0.0	0.0	0.0	0.0
188	10/18/2022 11:30:43	0.0	0.0	0.0	0.0
189	10/18/2022 11:31:43	0.0	0.0	0.0	0.0
190	10/18/2022 11:32:43	0.0	0.0	0.0	0.0
191	10/18/2022 11:33:43	0.0	0.0	0.0	0.0

192	10/18/2022 11:34:43	0.0	0.0	0.0	0.0
193	10/18/2022 11:35:43	0.0	0.0	0.0	0.0
194	10/18/2022 11:36:43	0.0	0.0	0.0	0.0
195	10/18/2022 11:37:43	0.0	0.0	0.0	0.0
196	10/18/2022 11:38:43	0.0	0.0	0.0	0.0
197	10/18/2022 11:39:43	0.0	0.0	0.0	0.0
198	10/18/2022 11:40:43	0.0	0.0	0.0	0.0
199	10/18/2022 11:41:43	0.0	0.0	0.0	0.0
200	10/18/2022 11:42:43	0.0	0.0	0.0	0.0
201	10/18/2022 11:43:43	0.0	0.0	0.0	0.0
202	10/18/2022 11:44:43	0.0	0.0	0.0	0.0
203	10/18/2022 11:45:43	0.0	0.0	0.0	0.0
204	10/18/2022 11:46:43	0.0	0.0	0.0	0.0
205	10/18/2022 11:47:43	0.0	0.0	0.0	0.0
206	10/18/2022 11:48:43	0.0	0.0	0.0	0.0
207	10/18/2022 11:49:43	0.0	0.0	0.0	0.0
208	10/18/2022 11:50:43	0.0	0.0	0.0	0.0
209	10/18/2022 11:51:43	0.0	0.0	0.0	0.0
210	10/18/2022 11:52:43	0.0	0.0	0.0	0.0
211	10/18/2022 11:53:43	0.0	0.0	0.0	0.0
212	10/18/2022 11:54:43	0.0	0.0	0.0	0.0
213	10/18/2022 11:55:43	0.0	0.0	0.0	0.0
214	10/18/2022 11:56:43	0.0	0.0	0.0	0.0
215	10/18/2022 11:57:43	0.0	0.0	0.0	0.0
216	10/18/2022 11:58:43	0.0	0.0	0.0	0.0
217	10/18/2022 11:59:43	0.0	0.0	0.0	0.0
218	10/18/2022 12:00:43	0.0	0.0	0.0	0.0
219	10/18/2022 12:01:43	0.0	0.0	0.0	0.0
220	10/18/2022 12:02:43	0.0	0.0	0.0	0.0
221	10/18/2022 12:03:43	0.0	0.0	0.0	0.0
222	10/18/2022 12:04:43	0.0	0.0	0.0	0.0
223	10/18/2022 12:05:43	0.0	0.0	0.0	0.0
224	10/18/2022 12:06:43	0.0	0.0	0.0	0.0
225	10/18/2022 12:07:43	0.0	0.0	0.0	0.0
226	10/18/2022 12:08:43	0.0	0.0	0.0	0.0
227	10/18/2022 12:09:43	0.0	0.0	0.0	0.0
228	10/18/2022 12:10:43	0.0	0.0	0.0	0.0
229	10/18/2022 12:11:43	0.0	0.0	0.0	0.0
230	10/18/2022 12:12:43	0.0	0.0	0.0	0.0
231	10/18/2022 12:13:43	0.0	0.0	0.0	0.0
232	10/18/2022 12:14:43	0.0	0.0	0.0	0.0
233	10/18/2022 12:15:43	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.0	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph

PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)
08:38:24
09:07:24
09:36:24
10:05:24
10:34:24
11:03:24
11:32:24
12:01:24

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	10/18/2022 08:23:43	0.0	---
002	10/18/2022 08:24:43	0.0	---
003	10/18/2022 08:25:43	0.0	---
004	10/18/2022 08:26:43	0.0	---
005	10/18/2022 08:27:43	0.0	---
006	10/18/2022 08:28:43	0.0	---
007	10/18/2022 08:29:43	0.0	---
008	10/18/2022 08:30:43	0.0	---
009	10/18/2022 08:31:43	0.0	---
010	10/18/2022 08:32:43	0.0	---
011	10/18/2022 08:33:43	0.0	---
012	10/18/2022 08:34:43	0.0	---
013	10/18/2022 08:35:43	0.0	---
014	10/18/2022 08:36:43	0.0	---
015	10/18/2022 08:37:43	0.0	0.0
016	10/18/2022 08:38:43	0.0	0.0
017	10/18/2022 08:39:43	0.0	0.0
018	10/18/2022 08:40:43	0.0	0.0
019	10/18/2022 08:41:43	0.0	0.0
020	10/18/2022 08:42:43	0.0	0.0
021	10/18/2022 08:43:43	0.0	0.0
022	10/18/2022 08:44:43	0.0	0.0
023	10/18/2022 08:45:43	0.0	0.0
024	10/18/2022 08:46:43	0.0	0.0
025	10/18/2022 08:47:43	0.0	0.0
026	10/18/2022 08:48:43	0.0	0.0
027	10/18/2022 08:49:43	0.0	0.0
028	10/18/2022 08:50:43	0.0	0.0
029	10/18/2022 08:51:43	0.0	0.0
030	10/18/2022 08:52:43	0.0	0.0
031	10/18/2022 08:53:43	0.0	0.0
032	10/18/2022 08:54:43	0.0	0.0
033	10/18/2022 08:55:43	0.0	0.0
034	10/18/2022 08:56:43	0.0	0.0
035	10/18/2022 08:57:43	0.0	0.0
036	10/18/2022 08:58:43	0.0	0.0
037	10/18/2022 08:59:43	0.0	0.0
038	10/18/2022 09:00:43	0.0	0.0
039	10/18/2022 09:01:43	0.0	0.0
040	10/18/2022 09:02:43	0.0	0.0
041	10/18/2022 09:03:43	0.0	0.0
042	10/18/2022 09:04:43	0.0	0.0
043	10/18/2022 09:05:43	0.0	0.0
044	10/18/2022 09:06:43	0.0	0.0
045	10/18/2022 09:07:43	0.0	0.0
046	10/18/2022 09:08:43	0.0	0.0
047	10/18/2022 09:09:43	0.0	0.0
048	10/18/2022 09:10:43	0.0	0.0
049	10/18/2022 09:11:43	0.0	0.0
050	10/18/2022 09:12:43	0.0	0.0
051	10/18/2022 09:13:43	0.0	0.0
052	10/18/2022 09:14:43	0.0	0.0
053	10/18/2022 09:15:43	0.0	0.0
054	10/18/2022 09:16:43	0.0	0.0
055	10/18/2022 09:17:43	0.0	0.0
056	10/18/2022 09:18:43	0.0	0.0
057	10/18/2022 09:19:43	0.0	0.0
058	10/18/2022 09:20:43	0.0	0.0
059	10/18/2022 09:21:43	0.0	0.0
060	10/18/2022 09:22:43	0.0	0.0
061	10/18/2022 09:23:43	0.0	0.0

062	10/18/2022 09:24:43	0.0	0.0
063	10/18/2022 09:25:43	0.0	0.0
064	10/18/2022 09:26:43	0.0	0.0
065	10/18/2022 09:27:43	0.0	0.0
066	10/18/2022 09:28:43	0.0	0.0
067	10/18/2022 09:29:43	0.0	0.0
068	10/18/2022 09:30:43	0.0	0.0
069	10/18/2022 09:31:43	0.0	0.0
070	10/18/2022 09:32:43	0.0	0.0
071	10/18/2022 09:33:43	0.0	0.0
072	10/18/2022 09:34:43	0.0	0.0
073	10/18/2022 09:35:43	0.0	0.0
074	10/18/2022 09:36:43	0.0	0.0
075	10/18/2022 09:37:43	0.0	0.0
076	10/18/2022 09:38:43	0.0	0.0
077	10/18/2022 09:39:43	0.0	0.0
078	10/18/2022 09:40:43	0.0	0.0
079	10/18/2022 09:41:43	0.0	0.0
080	10/18/2022 09:42:43	0.0	0.0
081	10/18/2022 09:43:43	0.0	0.0
082	10/18/2022 09:44:43	0.0	0.0
083	10/18/2022 09:45:43	0.0	0.0
084	10/18/2022 09:46:43	0.0	0.0
085	10/18/2022 09:47:43	0.0	0.0
086	10/18/2022 09:48:43	0.0	0.0
087	10/18/2022 09:49:43	0.0	0.0
088	10/18/2022 09:50:43	0.0	0.0
089	10/18/2022 09:51:43	0.0	0.0
090	10/18/2022 09:52:43	0.0	0.0
091	10/18/2022 09:53:43	0.0	0.0
092	10/18/2022 09:54:43	0.0	0.0
093	10/18/2022 09:55:43	0.0	0.0
094	10/18/2022 09:56:43	0.0	0.0
095	10/18/2022 09:57:43	0.0	0.0
096	10/18/2022 09:58:43	0.0	0.0
097	10/18/2022 09:59:43	0.0	0.0
098	10/18/2022 10:00:43	0.0	0.0
099	10/18/2022 10:01:43	0.0	0.0
100	10/18/2022 10:02:43	0.0	0.0
101	10/18/2022 10:03:43	0.0	0.0
102	10/18/2022 10:04:43	0.0	0.0
103	10/18/2022 10:05:43	0.0	0.0
104	10/18/2022 10:06:43	0.0	0.0
105	10/18/2022 10:07:43	0.0	0.0
106	10/18/2022 10:08:43	0.0	0.0
107	10/18/2022 10:09:43	0.0	0.0
108	10/18/2022 10:10:43	0.0	0.0
109	10/18/2022 10:11:43	0.0	0.0
110	10/18/2022 10:12:43	0.0	0.0
111	10/18/2022 10:13:43	0.0	0.0
112	10/18/2022 10:14:43	0.0	0.0
113	10/18/2022 10:15:43	0.0	0.0
114	10/18/2022 10:16:43	0.0	0.0
115	10/18/2022 10:17:43	0.0	0.0
116	10/18/2022 10:18:43	0.0	0.0
117	10/18/2022 10:19:43	0.0	0.0
118	10/18/2022 10:20:43	0.0	0.0
119	10/18/2022 10:21:43	0.0	0.0
120	10/18/2022 10:22:43	0.0	0.0
121	10/18/2022 10:23:43	0.0	0.0
122	10/18/2022 10:24:43	0.0	0.0
123	10/18/2022 10:25:43	0.0	0.0
124	10/18/2022 10:26:43	0.0	0.0
125	10/18/2022 10:27:43	0.0	0.0
126	10/18/2022 10:28:43	0.0	0.0

127	10/18/2022 10:29:43	0.0	0.0
128	10/18/2022 10:30:43	0.0	0.0
129	10/18/2022 10:31:43	0.0	0.0
130	10/18/2022 10:32:43	0.0	0.0
131	10/18/2022 10:33:43	0.0	0.0
132	10/18/2022 10:34:43	0.0	0.0
133	10/18/2022 10:35:43	0.0	0.0
134	10/18/2022 10:36:43	0.0	0.0
135	10/18/2022 10:37:43	0.0	0.0
136	10/18/2022 10:38:43	0.0	0.0
137	10/18/2022 10:39:43	0.0	0.0
138	10/18/2022 10:40:43	0.0	0.0
139	10/18/2022 10:41:43	0.0	0.0
140	10/18/2022 10:42:43	0.0	0.0
141	10/18/2022 10:43:43	0.0	0.0
142	10/18/2022 10:44:43	0.0	0.0
143	10/18/2022 10:45:43	0.0	0.0
144	10/18/2022 10:46:43	0.0	0.0
145	10/18/2022 10:47:43	0.0	0.0
146	10/18/2022 10:48:43	0.0	0.0
147	10/18/2022 10:49:43	0.0	0.0
148	10/18/2022 10:50:43	0.0	0.0
149	10/18/2022 10:51:43	0.0	0.0
150	10/18/2022 10:52:43	0.0	0.0
151	10/18/2022 10:53:43	0.0	0.0
152	10/18/2022 10:54:43	0.0	0.0
153	10/18/2022 10:55:43	0.0	0.0
154	10/18/2022 10:56:43	0.0	0.0
155	10/18/2022 10:57:43	0.0	0.0
156	10/18/2022 10:58:43	0.0	0.0
157	10/18/2022 10:59:43	0.0	0.0
158	10/18/2022 11:00:43	0.0	0.0
159	10/18/2022 11:01:43	0.0	0.0
160	10/18/2022 11:02:43	0.0	0.0
161	10/18/2022 11:03:43	0.0	0.0
162	10/18/2022 11:04:43	0.0	0.0
163	10/18/2022 11:05:43	0.0	0.0
164	10/18/2022 11:06:43	0.0	0.0
165	10/18/2022 11:07:43	0.0	0.0
166	10/18/2022 11:08:43	0.0	0.0
167	10/18/2022 11:09:43	0.0	0.0
168	10/18/2022 11:10:43	0.0	0.0
169	10/18/2022 11:11:43	0.0	0.0
170	10/18/2022 11:12:43	0.0	0.0
171	10/18/2022 11:13:43	0.0	0.0
172	10/18/2022 11:14:43	0.0	0.0
173	10/18/2022 11:15:43	0.0	0.0
174	10/18/2022 11:16:43	0.0	0.0
175	10/18/2022 11:17:43	0.0	0.0
176	10/18/2022 11:18:43	0.0	0.0
177	10/18/2022 11:19:43	0.0	0.0
178	10/18/2022 11:20:43	0.0	0.0
179	10/18/2022 11:21:43	0.0	0.0
180	10/18/2022 11:22:43	0.0	0.0
181	10/18/2022 11:23:43	0.0	0.0
182	10/18/2022 11:24:43	0.0	0.0
183	10/18/2022 11:25:43	0.0	0.0
184	10/18/2022 11:26:43	0.0	0.0
185	10/18/2022 11:27:43	0.0	0.0
186	10/18/2022 11:28:43	0.0	0.0
187	10/18/2022 11:29:43	0.0	0.0
188	10/18/2022 11:30:43	0.0	0.0
189	10/18/2022 11:31:43	0.0	0.0
190	10/18/2022 11:32:43	0.0	0.0
191	10/18/2022 11:33:43	0.0	0.0

192	10/18/2022 11:34:43	0.0	0.0
193	10/18/2022 11:35:43	0.0	0.0
194	10/18/2022 11:36:43	0.0	0.0
195	10/18/2022 11:37:43	0.0	0.0
196	10/18/2022 11:38:43	0.0	0.0
197	10/18/2022 11:39:43	0.0	0.0
198	10/18/2022 11:40:43	0.0	0.0
199	10/18/2022 11:41:43	0.0	0.0
200	10/18/2022 11:42:43	0.0	0.0
201	10/18/2022 11:43:43	0.0	0.0
202	10/18/2022 11:44:43	0.0	0.0
203	10/18/2022 11:45:43	0.0	0.0
204	10/18/2022 11:46:43	0.0	0.0
205	10/18/2022 11:47:43	0.0	0.0
206	10/18/2022 11:48:43	0.0	0.0
207	10/18/2022 11:49:43	0.0	0.0
208	10/18/2022 11:50:43	0.0	0.0
209	10/18/2022 11:51:43	0.0	0.0
210	10/18/2022 11:52:43	0.0	0.0
211	10/18/2022 11:53:43	0.0	0.0
212	10/18/2022 11:54:43	0.0	0.0
213	10/18/2022 11:55:43	0.0	0.0
214	10/18/2022 11:56:43	0.0	0.0
215	10/18/2022 11:57:43	0.0	0.0
216	10/18/2022 11:58:43	0.0	0.0
217	10/18/2022 11:59:43	0.0	0.0
218	10/18/2022 12:00:43	0.0	0.0
219	10/18/2022 12:01:43	0.0	0.0
220	10/18/2022 12:02:43	0.0	0.0
221	10/18/2022 12:03:43	0.0	0.0
222	10/18/2022 12:04:43	0.0	0.0
223	10/18/2022 12:05:43	0.0	0.0
224	10/18/2022 12:06:43	0.0	0.0
225	10/18/2022 12:07:43	0.0	0.0
226	10/18/2022 12:08:43	0.0	0.0
227	10/18/2022 12:09:43	0.0	0.0
228	10/18/2022 12:10:43	0.0	0.0
229	10/18/2022 12:11:43	0.0	0.0
230	10/18/2022 12:12:43	0.0	0.0
231	10/18/2022 12:13:43	0.0	0.0
232	10/18/2022 12:14:43	0.0	0.0
233	10/18/2022 12:15:43	0.0	0.0

Datalog

Current Event:22/10/18 13:14

Summary

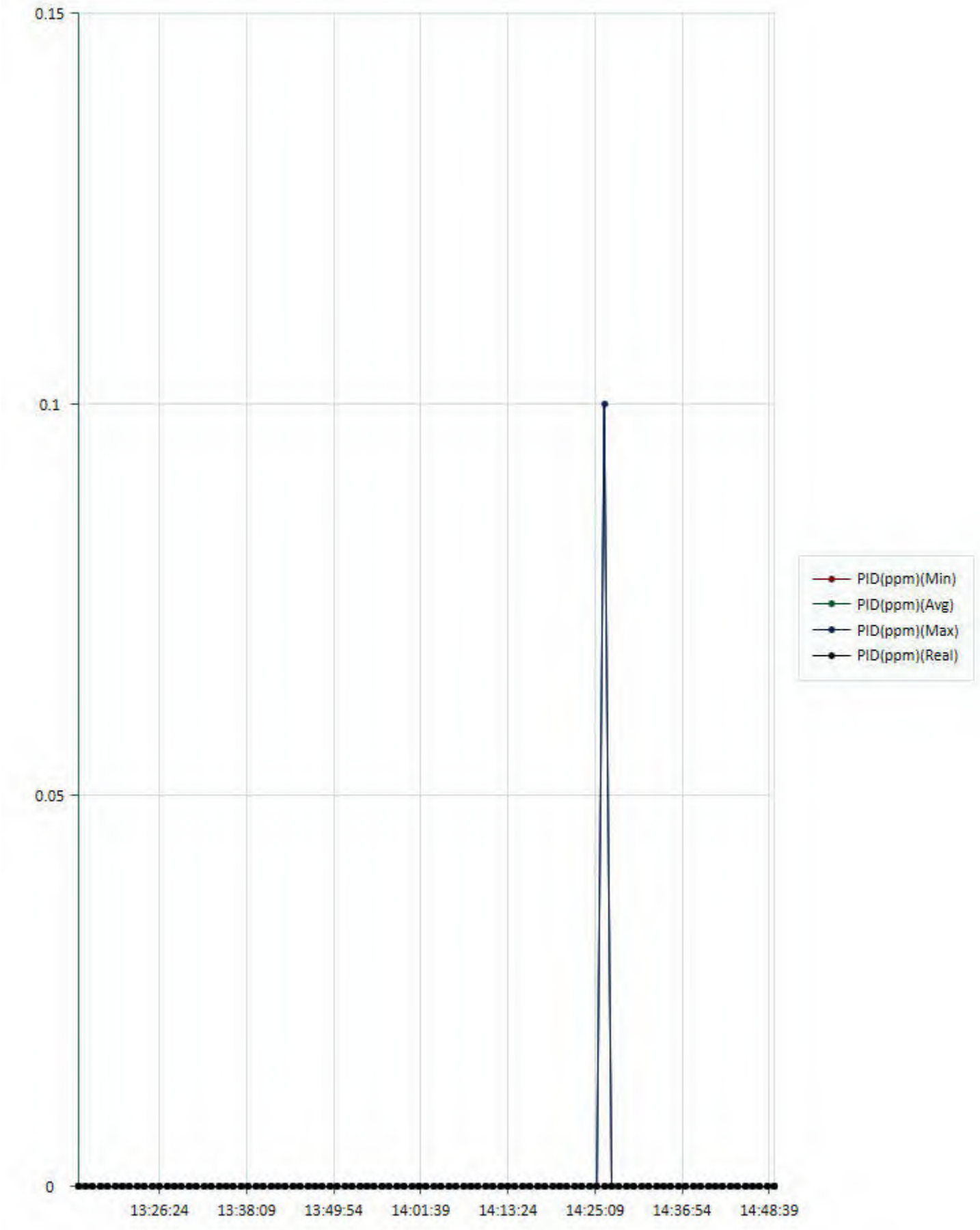
Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-602252
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	10/18/2022 13:14:24
End	10/18/2022 14:49:42
Sample Period(s)	60
Number of Records	95
Sensor	PID(ppm)
Sensor SN	S023030133B5
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	10/7/2022 10:06
Peak	0.0
Min	0.0
Average	0.0

Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	10/18/2022 13:15:24	0.0	0.0	0.0	0.0
002	10/18/2022 13:16:24	0.0	0.0	0.0	0.0
003	10/18/2022 13:17:24	0.0	0.0	0.0	0.0
004	10/18/2022 13:18:24	0.0	0.0	0.0	0.0
005	10/18/2022 13:19:24	0.0	0.0	0.0	0.0
006	10/18/2022 13:20:24	0.0	0.0	0.0	0.0
007	10/18/2022 13:21:24	0.0	0.0	0.0	0.0
008	10/18/2022 13:22:24	0.0	0.0	0.0	0.0
009	10/18/2022 13:23:24	0.0	0.0	0.0	0.0
010	10/18/2022 13:24:24	0.0	0.0	0.0	0.0
011	10/18/2022 13:25:24	0.0	0.0	0.0	0.0
012	10/18/2022 13:26:24	0.0	0.0	0.0	0.0
013	10/18/2022 13:27:24	0.0	0.0	0.0	0.0
014	10/18/2022 13:28:24	0.0	0.0	0.0	0.0
015	10/18/2022 13:29:24	0.0	0.0	0.0	0.0
016	10/18/2022 13:30:24	0.0	0.0	0.0	0.0
017	10/18/2022 13:31:24	0.0	0.0	0.0	0.0
018	10/18/2022 13:32:24	0.0	0.0	0.0	0.0
019	10/18/2022 13:33:24	0.0	0.0	0.0	0.0
020	10/18/2022 13:34:24	0.0	0.0	0.0	0.0
021	10/18/2022 13:35:24	0.0	0.0	0.0	0.0
022	10/18/2022 13:36:24	0.0	0.0	0.0	0.0
023	10/18/2022 13:37:24	0.0	0.0	0.0	0.0
024	10/18/2022 13:38:24	0.0	0.0	0.0	0.0
025	10/18/2022 13:39:24	0.0	0.0	0.0	0.0
026	10/18/2022 13:40:24	0.0	0.0	0.0	0.0
027	10/18/2022 13:41:24	0.0	0.0	0.0	0.0
028	10/18/2022 13:42:24	0.0	0.0	0.0	0.0
029	10/18/2022 13:43:24	0.0	0.0	0.0	0.0
030	10/18/2022 13:44:24	0.0	0.0	0.0	0.0
031	10/18/2022 13:45:24	0.0	0.0	0.0	0.0
032	10/18/2022 13:46:24	0.0	0.0	0.0	0.0
033	10/18/2022 13:47:24	0.0	0.0	0.0	0.0
034	10/18/2022 13:48:24	0.0	0.0	0.0	0.0
035	10/18/2022 13:49:24	0.0	0.0	0.0	0.0
036	10/18/2022 13:50:24	0.0	0.0	0.0	0.0
037	10/18/2022 13:51:24	0.0	0.0	0.0	0.0
038	10/18/2022 13:52:24	0.0	0.0	0.0	0.0
039	10/18/2022 13:53:24	0.0	0.0	0.0	0.0
040	10/18/2022 13:54:24	0.0	0.0	0.0	0.0
041	10/18/2022 13:55:24	0.0	0.0	0.0	0.0
042	10/18/2022 13:56:24	0.0	0.0	0.0	0.0
043	10/18/2022 13:57:24	0.0	0.0	0.0	0.0
044	10/18/2022 13:58:24	0.0	0.0	0.0	0.0
045	10/18/2022 13:59:24	0.0	0.0	0.0	0.0
046	10/18/2022 14:00:24	0.0	0.0	0.0	0.0
047	10/18/2022 14:01:24	0.0	0.0	0.0	0.0
048	10/18/2022 14:02:24	0.0	0.0	0.0	0.0
049	10/18/2022 14:03:24	0.0	0.0	0.0	0.0
050	10/18/2022 14:04:24	0.0	0.0	0.0	0.0
051	10/18/2022 14:05:24	0.0	0.0	0.0	0.0
052	10/18/2022 14:06:24	0.0	0.0	0.0	0.0
053	10/18/2022 14:07:24	0.0	0.0	0.0	0.0
054	10/18/2022 14:08:24	0.0	0.0	0.0	0.0
055	10/18/2022 14:09:24	0.0	0.0	0.0	0.0
056	10/18/2022 14:10:24	0.0	0.0	0.0	0.0
057	10/18/2022 14:11:24	0.0	0.0	0.0	0.0
058	10/18/2022 14:12:24	0.0	0.0	0.0	0.0
059	10/18/2022 14:13:24	0.0	0.0	0.0	0.0
060	10/18/2022 14:14:24	0.0	0.0	0.0	0.0
061	10/18/2022 14:15:24	0.0	0.0	0.0	0.0

062	10/18/2022 14:16:24	0.0	0.0	0.0	0.0
063	10/18/2022 14:17:24	0.0	0.0	0.0	0.0
064	10/18/2022 14:18:24	0.0	0.0	0.0	0.0
065	10/18/2022 14:19:24	0.0	0.0	0.0	0.0
066	10/18/2022 14:20:24	0.0	0.0	0.0	0.0
067	10/18/2022 14:21:24	0.0	0.0	0.0	0.0
068	10/18/2022 14:22:24	0.0	0.0	0.0	0.0
069	10/18/2022 14:23:24	0.0	0.0	0.0	0.0
070	10/18/2022 14:24:24	0.0	0.0	0.0	0.0
071	10/18/2022 14:25:24	0.0	0.0	0.0	0.0
072	10/18/2022 14:26:24	0.0	0.0	0.1	0.0
073	10/18/2022 14:27:24	0.0	0.0	0.0	0.0
074	10/18/2022 14:28:24	0.0	0.0	0.0	0.0
075	10/18/2022 14:29:24	0.0	0.0	0.0	0.0
076	10/18/2022 14:30:24	0.0	0.0	0.0	0.0
077	10/18/2022 14:31:24	0.0	0.0	0.0	0.0
078	10/18/2022 14:32:24	0.0	0.0	0.0	0.0
079	10/18/2022 14:33:24	0.0	0.0	0.0	0.0
080	10/18/2022 14:34:24	0.0	0.0	0.0	0.0
081	10/18/2022 14:35:24	0.0	0.0	0.0	0.0
082	10/18/2022 14:36:24	0.0	0.0	0.0	0.0
083	10/18/2022 14:37:24	0.0	0.0	0.0	0.0
084	10/18/2022 14:38:24	0.0	0.0	0.0	0.0
085	10/18/2022 14:39:24	0.0	0.0	0.0	0.0
086	10/18/2022 14:40:24	0.0	0.0	0.0	0.0
087	10/18/2022 14:41:24	0.0	0.0	0.0	0.0
088	10/18/2022 14:42:24	0.0	0.0	0.0	0.0
089	10/18/2022 14:43:24	0.0	0.0	0.0	0.0
090	10/18/2022 14:44:24	0.0	0.0	0.0	0.0
091	10/18/2022 14:45:24	0.0	0.0	0.0	0.0
092	10/18/2022 14:46:24	0.0	0.0	0.0	0.0
093	10/18/2022 14:47:24	0.0	0.0	0.0	0.0
094	10/18/2022 14:48:24	0.0	0.0	0.0	0.0
095	10/18/2022 14:49:24	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.1	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph


0.15
0.1
0.05
0
13:26:24
13:38:09
13:49:54
14:01:39
14:13:24
14:25:09
14:36:54
14:48:39
PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	10/18/2022 13:15:24	0.0	---
002	10/18/2022 13:16:24	0.0	---
003	10/18/2022 13:17:24	0.0	---
004	10/18/2022 13:18:24	0.0	---
005	10/18/2022 13:19:24	0.0	---
006	10/18/2022 13:20:24	0.0	---
007	10/18/2022 13:21:24	0.0	---
008	10/18/2022 13:22:24	0.0	---
009	10/18/2022 13:23:24	0.0	---
010	10/18/2022 13:24:24	0.0	---
011	10/18/2022 13:25:24	0.0	---
012	10/18/2022 13:26:24	0.0	---
013	10/18/2022 13:27:24	0.0	---
014	10/18/2022 13:28:24	0.0	---
015	10/18/2022 13:29:24	0.0	0.0
016	10/18/2022 13:30:24	0.0	0.0
017	10/18/2022 13:31:24	0.0	0.0
018	10/18/2022 13:32:24	0.0	0.0
019	10/18/2022 13:33:24	0.0	0.0
020	10/18/2022 13:34:24	0.0	0.0
021	10/18/2022 13:35:24	0.0	0.0
022	10/18/2022 13:36:24	0.0	0.0
023	10/18/2022 13:37:24	0.0	0.0
024	10/18/2022 13:38:24	0.0	0.0
025	10/18/2022 13:39:24	0.0	0.0
026	10/18/2022 13:40:24	0.0	0.0
027	10/18/2022 13:41:24	0.0	0.0
028	10/18/2022 13:42:24	0.0	0.0
029	10/18/2022 13:43:24	0.0	0.0
030	10/18/2022 13:44:24	0.0	0.0
031	10/18/2022 13:45:24	0.0	0.0
032	10/18/2022 13:46:24	0.0	0.0
033	10/18/2022 13:47:24	0.0	0.0
034	10/18/2022 13:48:24	0.0	0.0
035	10/18/2022 13:49:24	0.0	0.0
036	10/18/2022 13:50:24	0.0	0.0
037	10/18/2022 13:51:24	0.0	0.0
038	10/18/2022 13:52:24	0.0	0.0
039	10/18/2022 13:53:24	0.0	0.0
040	10/18/2022 13:54:24	0.0	0.0
041	10/18/2022 13:55:24	0.0	0.0
042	10/18/2022 13:56:24	0.0	0.0
043	10/18/2022 13:57:24	0.0	0.0
044	10/18/2022 13:58:24	0.0	0.0
045	10/18/2022 13:59:24	0.0	0.0
046	10/18/2022 14:00:24	0.0	0.0
047	10/18/2022 14:01:24	0.0	0.0
048	10/18/2022 14:02:24	0.0	0.0
049	10/18/2022 14:03:24	0.0	0.0
050	10/18/2022 14:04:24	0.0	0.0
051	10/18/2022 14:05:24	0.0	0.0
052	10/18/2022 14:06:24	0.0	0.0
053	10/18/2022 14:07:24	0.0	0.0
054	10/18/2022 14:08:24	0.0	0.0
055	10/18/2022 14:09:24	0.0	0.0
056	10/18/2022 14:10:24	0.0	0.0
057	10/18/2022 14:11:24	0.0	0.0
058	10/18/2022 14:12:24	0.0	0.0
059	10/18/2022 14:13:24	0.0	0.0
060	10/18/2022 14:14:24	0.0	0.0
061	10/18/2022 14:15:24	0.0	0.0

062	10/18/2022 14:16:24	0.0	0.0
063	10/18/2022 14:17:24	0.0	0.0
064	10/18/2022 14:18:24	0.0	0.0
065	10/18/2022 14:19:24	0.0	0.0
066	10/18/2022 14:20:24	0.0	0.0
067	10/18/2022 14:21:24	0.0	0.0
068	10/18/2022 14:22:24	0.0	0.0
069	10/18/2022 14:23:24	0.0	0.0
070	10/18/2022 14:24:24	0.0	0.0
071	10/18/2022 14:25:24	0.0	0.0
072	10/18/2022 14:26:24	0.0	0.0
073	10/18/2022 14:27:24	0.0	0.0
074	10/18/2022 14:28:24	0.0	0.0
075	10/18/2022 14:29:24	0.0	0.0
076	10/18/2022 14:30:24	0.0	0.0
077	10/18/2022 14:31:24	0.0	0.0
078	10/18/2022 14:32:24	0.0	0.0
079	10/18/2022 14:33:24	0.0	0.0
080	10/18/2022 14:34:24	0.0	0.0
081	10/18/2022 14:35:24	0.0	0.0
082	10/18/2022 14:36:24	0.0	0.0
083	10/18/2022 14:37:24	0.0	0.0
084	10/18/2022 14:38:24	0.0	0.0
085	10/18/2022 14:39:24	0.0	0.0
086	10/18/2022 14:40:24	0.0	0.0
087	10/18/2022 14:41:24	0.0	0.0
088	10/18/2022 14:42:24	0.0	0.0
089	10/18/2022 14:43:24	0.0	0.0
090	10/18/2022 14:44:24	0.0	0.0
091	10/18/2022 14:45:24	0.0	0.0
092	10/18/2022 14:46:24	0.0	0.0
093	10/18/2022 14:47:24	0.0	0.0
094	10/18/2022 14:48:24	0.0	0.0
095	10/18/2022 14:49:24	0.0	0.0

Datalog

Current Event:22/10/17 09:56

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-927732
Unit Firmware Ver	V2.20A
Running Mode	Hygiene Mode
Datalog Mode	Manual
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	10/17/2022 09:56:24
End	10/17/2022 12:00:20
Sample Period(s)	60
Number of Records	123
Sensor	PID(ppm)
Sensor SN	S023030308W4
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	10/7/2022 10:02
Peak	0.0
Min	0.0
Average	0.0

Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	10/17/2022 09:57:24	0.0	0.0	0.0	0.0
002	10/17/2022 09:58:24	0.0	0.0	0.0	0.0
003	10/17/2022 09:59:24	0.0	0.0	0.0	0.0
004	10/17/2022 10:00:24	0.0	0.0	0.0	0.0
005	10/17/2022 10:01:24	0.0	0.0	0.0	0.0
006	10/17/2022 10:02:24	0.0	0.0	0.0	0.0
007	10/17/2022 10:03:24	0.0	0.0	0.0	0.0
008	10/17/2022 10:04:24	0.0	0.0	0.0	0.0
009	10/17/2022 10:05:24	0.0	0.0	0.0	0.0
010	10/17/2022 10:06:24	0.0	0.0	0.0	0.0
011	10/17/2022 10:07:24	0.0	0.0	0.0	0.0
012	10/17/2022 10:08:24	0.0	0.0	0.0	0.0
013	10/17/2022 10:09:24	0.0	0.0	0.0	0.0
014	10/17/2022 10:10:24	0.0	0.0	0.0	0.0
015	10/17/2022 10:11:24	0.0	0.0	0.0	0.0
016	10/17/2022 10:12:24	0.0	0.0	0.0	0.0
017	10/17/2022 10:13:24	0.0	0.0	0.0	0.0
018	10/17/2022 10:14:24	0.0	0.0	0.0	0.0
019	10/17/2022 10:15:24	0.0	0.0	0.0	0.0
020	10/17/2022 10:16:24	0.0	0.0	0.0	0.0
021	10/17/2022 10:17:24	0.0	0.0	0.0	0.0
022	10/17/2022 10:18:24	0.0	0.0	0.0	0.0
023	10/17/2022 10:19:24	0.0	0.0	0.0	0.0
024	10/17/2022 10:20:24	0.0	0.0	0.0	0.0
025	10/17/2022 10:21:24	0.0	0.0	0.0	0.0
026	10/17/2022 10:22:24	0.0	0.0	0.0	0.0
027	10/17/2022 10:23:24	0.0	0.0	0.0	0.0
028	10/17/2022 10:24:24	0.0	0.0	0.0	0.0
029	10/17/2022 10:25:24	0.0	0.0	0.0	0.0
030	10/17/2022 10:26:24	0.0	0.0	0.0	0.0
031	10/17/2022 10:27:24	0.0	0.0	0.0	0.0
032	10/17/2022 10:28:24	0.0	0.0	0.0	0.0
033	10/17/2022 10:29:24	0.0	0.0	0.0	0.0
034	10/17/2022 10:30:24	0.0	0.0	0.0	0.0
035	10/17/2022 10:31:24	0.0	0.0	0.0	0.0
036	10/17/2022 10:32:24	0.0	0.0	0.0	0.0
037	10/17/2022 10:33:24	0.0	0.0	0.0	0.0
038	10/17/2022 10:34:24	0.0	0.0	0.0	0.0
039	10/17/2022 10:35:24	0.0	0.0	0.0	0.0
040	10/17/2022 10:36:24	0.0	0.0	0.0	0.0
041	10/17/2022 10:37:24	0.0	0.0	0.0	0.0
042	10/17/2022 10:38:24	0.0	0.0	0.0	0.0
043	10/17/2022 10:39:24	0.0	0.0	0.0	0.0
044	10/17/2022 10:40:24	0.0	0.0	0.0	0.0
045	10/17/2022 10:41:24	0.0	0.0	0.0	0.0
046	10/17/2022 10:42:24	0.0	0.0	0.0	0.0
047	10/17/2022 10:43:24	0.0	0.0	0.0	0.0
048	10/17/2022 10:44:24	0.0	0.0	0.0	0.0
049	10/17/2022 10:45:24	0.0	0.0	0.0	0.0
050	10/17/2022 10:46:24	0.0	0.0	0.0	0.0
051	10/17/2022 10:47:24	0.0	0.0	0.0	0.0
052	10/17/2022 10:48:24	0.0	0.0	0.0	0.0
053	10/17/2022 10:49:24	0.0	0.0	0.0	0.0
054	10/17/2022 10:50:24	0.0	0.0	0.0	0.0
055	10/17/2022 10:51:24	0.0	0.0	0.0	0.0
056	10/17/2022 10:52:24	0.0	0.0	0.0	0.0
057	10/17/2022 10:53:24	0.0	0.0	0.0	0.0
058	10/17/2022 10:54:24	0.0	0.0	0.0	0.0
059	10/17/2022 10:55:24	0.0	0.0	0.0	0.0
060	10/17/2022 10:56:24	0.0	0.0	0.0	0.0
061	10/17/2022 10:57:24	0.0	0.0	0.0	0.0

062	10/17/2022 10:58:24	0.0	0.0	0.0	0.0
063	10/17/2022 10:59:24	0.0	0.0	0.0	0.0
064	10/17/2022 11:00:24	0.0	0.0	0.0	0.0
065	10/17/2022 11:01:24	0.0	0.0	0.0	0.0
066	10/17/2022 11:02:24	0.0	0.0	0.0	0.0
067	10/17/2022 11:03:24	0.0	0.0	0.0	0.0
068	10/17/2022 11:04:24	0.0	0.0	0.0	0.0
069	10/17/2022 11:05:24	0.0	0.0	0.0	0.0
070	10/17/2022 11:06:24	0.0	0.0	0.0	0.0
071	10/17/2022 11:07:24	0.0	0.0	0.0	0.0
072	10/17/2022 11:08:24	0.0	0.0	0.0	0.0
073	10/17/2022 11:09:24	0.0	0.0	0.0	0.0
074	10/17/2022 11:10:24	0.0	0.0	0.0	0.0
075	10/17/2022 11:11:24	0.0	0.0	0.0	0.0
076	10/17/2022 11:12:24	0.0	0.0	0.0	0.0
077	10/17/2022 11:13:24	0.0	0.0	0.0	0.0
078	10/17/2022 11:14:24	0.0	0.0	0.0	0.0
079	10/17/2022 11:15:24	0.0	0.0	0.0	0.0
080	10/17/2022 11:16:24	0.0	0.0	0.0	0.0
081	10/17/2022 11:17:24	0.0	0.0	0.0	0.0
082	10/17/2022 11:18:24	0.0	0.0	0.0	0.0
083	10/17/2022 11:19:24	0.0	0.0	0.0	0.0
084	10/17/2022 11:20:24	0.0	0.0	0.0	0.0
085	10/17/2022 11:21:24	0.0	0.0	0.0	0.0
086	10/17/2022 11:22:24	0.0	0.0	0.0	0.0
087	10/17/2022 11:23:24	0.0	0.0	0.0	0.0
088	10/17/2022 11:24:24	0.0	0.0	0.0	0.0
089	10/17/2022 11:25:24	0.0	0.0	0.0	0.0
090	10/17/2022 11:26:24	0.0	0.0	0.0	0.0
091	10/17/2022 11:27:24	0.0	0.0	0.0	0.0
092	10/17/2022 11:28:24	0.0	0.0	0.0	0.0
093	10/17/2022 11:29:24	0.0	0.0	0.0	0.0
094	10/17/2022 11:30:24	0.0	0.0	0.0	0.0
095	10/17/2022 11:31:24	0.0	0.0	0.0	0.0
096	10/17/2022 11:32:24	0.0	0.0	0.0	0.0
097	10/17/2022 11:33:24	0.0	0.0	0.0	0.0
098	10/17/2022 11:34:24	0.0	0.0	0.0	0.0
099	10/17/2022 11:35:24	0.0	0.0	0.0	0.0
100	10/17/2022 11:36:24	0.0	0.0	0.0	0.0
101	10/17/2022 11:37:24	0.0	0.0	0.0	0.0
102	10/17/2022 11:38:24	0.0	0.0	0.0	0.0
103	10/17/2022 11:39:24	0.0	0.0	0.0	0.0
104	10/17/2022 11:40:24	0.0	0.0	0.0	0.0
105	10/17/2022 11:41:24	0.0	0.0	0.0	0.0
106	10/17/2022 11:42:24	0.0	0.0	0.0	0.0
107	10/17/2022 11:43:24	0.0	0.0	0.0	0.0
108	10/17/2022 11:44:24	0.0	0.0	0.0	0.0
109	10/17/2022 11:45:24	0.0	0.0	0.0	0.0
110	10/17/2022 11:46:24	0.0	0.0	0.0	0.0
111	10/17/2022 11:47:24	0.0	0.0	0.0	0.0
112	10/17/2022 11:48:24	0.0	0.0	0.0	0.0
113	10/17/2022 11:49:24	0.0	0.0	0.0	0.0
114	10/17/2022 11:50:24	0.0	0.0	0.0	0.0
115	10/17/2022 11:51:24	0.0	0.0	0.0	0.0
116	10/17/2022 11:52:24	0.0	0.0	0.0	0.0
117	10/17/2022 11:53:24	0.0	0.0	0.0	0.0
118	10/17/2022 11:54:24	0.0	0.0	0.0	0.0
119	10/17/2022 11:55:24	0.0	0.0	0.0	0.0
120	10/17/2022 11:56:24	0.0	0.0	0.0	0.0
121	10/17/2022 11:57:24	0.0	0.0	0.0	0.0
122	10/17/2022 11:58:24	0.0	0.0	0.0	0.0
123	10/17/2022 11:59:24	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.0	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph

PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)
10:04:48
10:20:03
10:35:18
10:50:33
11:05:48
11:21:03
11:36:18
11:51:33

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	10/17/2022 09:57:24	0.0	---
002	10/17/2022 09:58:24	0.0	---
003	10/17/2022 09:59:24	0.0	---
004	10/17/2022 10:00:24	0.0	---
005	10/17/2022 10:01:24	0.0	---
006	10/17/2022 10:02:24	0.0	---
007	10/17/2022 10:03:24	0.0	---
008	10/17/2022 10:04:24	0.0	---
009	10/17/2022 10:05:24	0.0	---
010	10/17/2022 10:06:24	0.0	---
011	10/17/2022 10:07:24	0.0	---
012	10/17/2022 10:08:24	0.0	---
013	10/17/2022 10:09:24	0.0	---
014	10/17/2022 10:10:24	0.0	---
015	10/17/2022 10:11:24	0.0	0.0
016	10/17/2022 10:12:24	0.0	0.0
017	10/17/2022 10:13:24	0.0	0.0
018	10/17/2022 10:14:24	0.0	0.0
019	10/17/2022 10:15:24	0.0	0.0
020	10/17/2022 10:16:24	0.0	0.0
021	10/17/2022 10:17:24	0.0	0.0
022	10/17/2022 10:18:24	0.0	0.0
023	10/17/2022 10:19:24	0.0	0.0
024	10/17/2022 10:20:24	0.0	0.0
025	10/17/2022 10:21:24	0.0	0.0
026	10/17/2022 10:22:24	0.0	0.0
027	10/17/2022 10:23:24	0.0	0.0
028	10/17/2022 10:24:24	0.0	0.0
029	10/17/2022 10:25:24	0.0	0.0
030	10/17/2022 10:26:24	0.0	0.0
031	10/17/2022 10:27:24	0.0	0.0
032	10/17/2022 10:28:24	0.0	0.0
033	10/17/2022 10:29:24	0.0	0.0
034	10/17/2022 10:30:24	0.0	0.0
035	10/17/2022 10:31:24	0.0	0.0
036	10/17/2022 10:32:24	0.0	0.0
037	10/17/2022 10:33:24	0.0	0.0
038	10/17/2022 10:34:24	0.0	0.0
039	10/17/2022 10:35:24	0.0	0.0
040	10/17/2022 10:36:24	0.0	0.0
041	10/17/2022 10:37:24	0.0	0.0
042	10/17/2022 10:38:24	0.0	0.0
043	10/17/2022 10:39:24	0.0	0.0
044	10/17/2022 10:40:24	0.0	0.0
045	10/17/2022 10:41:24	0.0	0.0
046	10/17/2022 10:42:24	0.0	0.0
047	10/17/2022 10:43:24	0.0	0.0
048	10/17/2022 10:44:24	0.0	0.0
049	10/17/2022 10:45:24	0.0	0.0
050	10/17/2022 10:46:24	0.0	0.0
051	10/17/2022 10:47:24	0.0	0.0
052	10/17/2022 10:48:24	0.0	0.0
053	10/17/2022 10:49:24	0.0	0.0
054	10/17/2022 10:50:24	0.0	0.0
055	10/17/2022 10:51:24	0.0	0.0
056	10/17/2022 10:52:24	0.0	0.0
057	10/17/2022 10:53:24	0.0	0.0
058	10/17/2022 10:54:24	0.0	0.0
059	10/17/2022 10:55:24	0.0	0.0
060	10/17/2022 10:56:24	0.0	0.0
061	10/17/2022 10:57:24	0.0	0.0

062	10/17/2022 10:58:24	0.0	0.0
063	10/17/2022 10:59:24	0.0	0.0
064	10/17/2022 11:00:24	0.0	0.0
065	10/17/2022 11:01:24	0.0	0.0
066	10/17/2022 11:02:24	0.0	0.0
067	10/17/2022 11:03:24	0.0	0.0
068	10/17/2022 11:04:24	0.0	0.0
069	10/17/2022 11:05:24	0.0	0.0
070	10/17/2022 11:06:24	0.0	0.0
071	10/17/2022 11:07:24	0.0	0.0
072	10/17/2022 11:08:24	0.0	0.0
073	10/17/2022 11:09:24	0.0	0.0
074	10/17/2022 11:10:24	0.0	0.0
075	10/17/2022 11:11:24	0.0	0.0
076	10/17/2022 11:12:24	0.0	0.0
077	10/17/2022 11:13:24	0.0	0.0
078	10/17/2022 11:14:24	0.0	0.0
079	10/17/2022 11:15:24	0.0	0.0
080	10/17/2022 11:16:24	0.0	0.0
081	10/17/2022 11:17:24	0.0	0.0
082	10/17/2022 11:18:24	0.0	0.0
083	10/17/2022 11:19:24	0.0	0.0
084	10/17/2022 11:20:24	0.0	0.0
085	10/17/2022 11:21:24	0.0	0.0
086	10/17/2022 11:22:24	0.0	0.0
087	10/17/2022 11:23:24	0.0	0.0
088	10/17/2022 11:24:24	0.0	0.0
089	10/17/2022 11:25:24	0.0	0.0
090	10/17/2022 11:26:24	0.0	0.0
091	10/17/2022 11:27:24	0.0	0.0
092	10/17/2022 11:28:24	0.0	0.0
093	10/17/2022 11:29:24	0.0	0.0
094	10/17/2022 11:30:24	0.0	0.0
095	10/17/2022 11:31:24	0.0	0.0
096	10/17/2022 11:32:24	0.0	0.0
097	10/17/2022 11:33:24	0.0	0.0
098	10/17/2022 11:34:24	0.0	0.0
099	10/17/2022 11:35:24	0.0	0.0
100	10/17/2022 11:36:24	0.0	0.0
101	10/17/2022 11:37:24	0.0	0.0
102	10/17/2022 11:38:24	0.0	0.0
103	10/17/2022 11:39:24	0.0	0.0
104	10/17/2022 11:40:24	0.0	0.0
105	10/17/2022 11:41:24	0.0	0.0
106	10/17/2022 11:42:24	0.0	0.0
107	10/17/2022 11:43:24	0.0	0.0
108	10/17/2022 11:44:24	0.0	0.0
109	10/17/2022 11:45:24	0.0	0.0
110	10/17/2022 11:46:24	0.0	0.0
111	10/17/2022 11:47:24	0.0	0.0
112	10/17/2022 11:48:24	0.0	0.0
113	10/17/2022 11:49:24	0.0	0.0
114	10/17/2022 11:50:24	0.0	0.0
115	10/17/2022 11:51:24	0.0	0.0
116	10/17/2022 11:52:24	0.0	0.0
117	10/17/2022 11:53:24	0.0	0.0
118	10/17/2022 11:54:24	0.0	0.0
119	10/17/2022 11:55:24	0.0	0.0
120	10/17/2022 11:56:24	0.0	0.0
121	10/17/2022 11:57:24	0.0	0.0
122	10/17/2022 11:58:24	0.0	0.0
123	10/17/2022 11:59:24	0.0	0.0

Datalog

Current Event:22/10/17 13:22

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-927732
Unit Firmware Ver	V2.20A
Running Mode	Hygiene Mode
Datalog Mode	Manual
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	10/17/2022 13:22:09
End	10/17/2022 14:34:05
Sample Period(s)	60
Number of Records	71
Sensor	PID(ppm)
Sensor SN	S023030308W4
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	10/7/2022 10:02
Peak	0.0
Min	0.0
Average	0.0

Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	10/17/2022 13:23:09	0.0	0.0	0.0	0.0
002	10/17/2022 13:24:09	0.0	0.0	0.0	0.0
003	10/17/2022 13:25:09	0.0	0.0	0.0	0.0
004	10/17/2022 13:26:09	0.0	0.0	0.0	0.0
005	10/17/2022 13:27:09	0.0	0.0	0.0	0.0
006	10/17/2022 13:28:09	0.0	0.0	0.0	0.0
007	10/17/2022 13:29:09	0.0	0.0	0.0	0.0
008	10/17/2022 13:30:09	0.0	0.0	0.0	0.0
009	10/17/2022 13:31:09	0.0	0.0	0.0	0.0
010	10/17/2022 13:32:09	0.0	0.0	0.0	0.0
011	10/17/2022 13:33:09	0.0	0.0	0.0	0.0
012	10/17/2022 13:34:09	0.0	0.0	0.0	0.0
013	10/17/2022 13:35:09	0.0	0.0	0.0	0.0
014	10/17/2022 13:36:09	0.0	0.0	0.0	0.0
015	10/17/2022 13:37:09	0.0	0.0	0.0	0.0
016	10/17/2022 13:38:09	0.0	0.0	0.0	0.0
017	10/17/2022 13:39:09	0.0	0.0	0.0	0.0
018	10/17/2022 13:40:09	0.0	0.0	0.0	0.0
019	10/17/2022 13:41:09	0.0	0.0	0.0	0.0
020	10/17/2022 13:42:09	0.0	0.0	0.0	0.0
021	10/17/2022 13:43:09	0.0	0.0	0.0	0.0
022	10/17/2022 13:44:09	0.0	0.0	0.0	0.0
023	10/17/2022 13:45:09	0.0	0.0	0.0	0.0
024	10/17/2022 13:46:09	0.0	0.0	0.0	0.0
025	10/17/2022 13:47:09	0.0	0.0	0.0	0.0
026	10/17/2022 13:48:09	0.0	0.0	0.0	0.0
027	10/17/2022 13:49:09	0.0	0.0	0.0	0.0
028	10/17/2022 13:50:09	0.0	0.0	0.0	0.0
029	10/17/2022 13:51:09	0.0	0.0	0.0	0.0
030	10/17/2022 13:52:09	0.0	0.0	0.0	0.0
031	10/17/2022 13:53:09	0.0	0.0	0.0	0.0
032	10/17/2022 13:54:09	0.0	0.0	0.0	0.0
033	10/17/2022 13:55:09	0.0	0.0	0.0	0.0
034	10/17/2022 13:56:09	0.0	0.0	0.0	0.0
035	10/17/2022 13:57:09	0.0	0.0	0.0	0.0
036	10/17/2022 13:58:09	0.0	0.0	0.0	0.0
037	10/17/2022 13:59:09	0.0	0.0	0.0	0.0
038	10/17/2022 14:00:09	0.0	0.0	0.0	0.0
039	10/17/2022 14:01:09	0.0	0.0	0.0	0.0
040	10/17/2022 14:02:09	0.0	0.0	0.0	0.0
041	10/17/2022 14:03:09	0.0	0.0	0.0	0.0
042	10/17/2022 14:04:09	0.0	0.0	0.0	0.0
043	10/17/2022 14:05:09	0.0	0.0	0.0	0.0
044	10/17/2022 14:06:09	0.0	0.0	0.0	0.0
045	10/17/2022 14:07:09	0.0	0.0	0.0	0.0
046	10/17/2022 14:08:09	0.0	0.0	0.0	0.0
047	10/17/2022 14:09:09	0.0	0.0	0.0	0.0
048	10/17/2022 14:10:09	0.0	0.0	0.0	0.0
049	10/17/2022 14:11:09	0.0	0.0	0.0	0.0
050	10/17/2022 14:12:09	0.0	0.0	0.0	0.0
051	10/17/2022 14:13:09	0.0	0.0	0.0	0.0
052	10/17/2022 14:14:09	0.0	0.0	0.0	0.0
053	10/17/2022 14:15:09	0.0	0.0	0.0	0.0
054	10/17/2022 14:16:09	0.0	0.0	0.0	0.0
055	10/17/2022 14:17:09	0.0	0.0	0.0	0.0
056	10/17/2022 14:18:09	0.0	0.0	0.0	0.0
057	10/17/2022 14:19:09	0.0	0.0	0.0	0.0
058	10/17/2022 14:20:09	0.0	0.0	0.0	0.0
059	10/17/2022 14:21:09	0.0	0.0	0.0	0.0
060	10/17/2022 14:22:09	0.0	0.0	0.0	0.0
061	10/17/2022 14:23:09	0.0	0.0	0.0	0.0

062	10/17/2022 14:24:09	0.0	0.0	0.0	0.0
063	10/17/2022 14:25:09	0.0	0.0	0.0	0.0
064	10/17/2022 14:26:09	0.0	0.0	0.0	0.0
065	10/17/2022 14:27:09	0.0	0.0	0.0	0.0
066	10/17/2022 14:28:09	0.0	0.0	0.0	0.0
067	10/17/2022 14:29:09	0.0	0.0	0.0	0.0
068	10/17/2022 14:30:09	0.0	0.0	0.0	0.0
069	10/17/2022 14:31:09	0.0	0.0	0.0	0.0
070	10/17/2022 14:32:09	0.0	0.0	0.0	0.0
071	10/17/2022 14:33:09	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.0	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph

PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)
13:26:24
13:35:09
13:43:54
13:52:39
14:01:24
14:10:09
14:18:54
14:27:39

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	10/17/2022 13:23:09	0.0	---
002	10/17/2022 13:24:09	0.0	---
003	10/17/2022 13:25:09	0.0	---
004	10/17/2022 13:26:09	0.0	---
005	10/17/2022 13:27:09	0.0	---
006	10/17/2022 13:28:09	0.0	---
007	10/17/2022 13:29:09	0.0	---
008	10/17/2022 13:30:09	0.0	---
009	10/17/2022 13:31:09	0.0	---
010	10/17/2022 13:32:09	0.0	---
011	10/17/2022 13:33:09	0.0	---
012	10/17/2022 13:34:09	0.0	---
013	10/17/2022 13:35:09	0.0	---
014	10/17/2022 13:36:09	0.0	---
015	10/17/2022 13:37:09	0.0	0.0
016	10/17/2022 13:38:09	0.0	0.0
017	10/17/2022 13:39:09	0.0	0.0
018	10/17/2022 13:40:09	0.0	0.0
019	10/17/2022 13:41:09	0.0	0.0
020	10/17/2022 13:42:09	0.0	0.0
021	10/17/2022 13:43:09	0.0	0.0
022	10/17/2022 13:44:09	0.0	0.0
023	10/17/2022 13:45:09	0.0	0.0
024	10/17/2022 13:46:09	0.0	0.0
025	10/17/2022 13:47:09	0.0	0.0
026	10/17/2022 13:48:09	0.0	0.0
027	10/17/2022 13:49:09	0.0	0.0
028	10/17/2022 13:50:09	0.0	0.0
029	10/17/2022 13:51:09	0.0	0.0
030	10/17/2022 13:52:09	0.0	0.0
031	10/17/2022 13:53:09	0.0	0.0
032	10/17/2022 13:54:09	0.0	0.0
033	10/17/2022 13:55:09	0.0	0.0
034	10/17/2022 13:56:09	0.0	0.0
035	10/17/2022 13:57:09	0.0	0.0
036	10/17/2022 13:58:09	0.0	0.0
037	10/17/2022 13:59:09	0.0	0.0
038	10/17/2022 14:00:09	0.0	0.0
039	10/17/2022 14:01:09	0.0	0.0
040	10/17/2022 14:02:09	0.0	0.0
041	10/17/2022 14:03:09	0.0	0.0
042	10/17/2022 14:04:09	0.0	0.0
043	10/17/2022 14:05:09	0.0	0.0
044	10/17/2022 14:06:09	0.0	0.0
045	10/17/2022 14:07:09	0.0	0.0
046	10/17/2022 14:08:09	0.0	0.0
047	10/17/2022 14:09:09	0.0	0.0
048	10/17/2022 14:10:09	0.0	0.0
049	10/17/2022 14:11:09	0.0	0.0
050	10/17/2022 14:12:09	0.0	0.0
051	10/17/2022 14:13:09	0.0	0.0
052	10/17/2022 14:14:09	0.0	0.0
053	10/17/2022 14:15:09	0.0	0.0
054	10/17/2022 14:16:09	0.0	0.0
055	10/17/2022 14:17:09	0.0	0.0
056	10/17/2022 14:18:09	0.0	0.0
057	10/17/2022 14:19:09	0.0	0.0
058	10/17/2022 14:20:09	0.0	0.0
059	10/17/2022 14:21:09	0.0	0.0
060	10/17/2022 14:22:09	0.0	0.0
061	10/17/2022 14:23:09	0.0	0.0

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173314
Firmware Version	3.1
Calibration Date	8/23/2022
Test Name	MANUAL_001
Test Start Time	9:52:23 AM
Test Start Date	10/17/2022
Test Length [D:H:M]	0:02:00
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.025
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	24

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.025		
600	0.019		
900	0.021		
1200	0.019		
1500	0.023		
1800	0.016		
2100	0.014		
2400	0.016		
2700	0.017		
3000	0.019		
3300	0.022		
3600	0.025		
3900	0.018		
4200	0.019		
4500	0.021		
4800	0.015		
5100	0.015		
5400	0.015		
5700	0.018		
6000	0.018		
6300	0.017		
6600	0.017		
6900	0.014		
7200	0.017		

062	10/17/2022 14:24:09	0.0	0.0
063	10/17/2022 14:25:09	0.0	0.0
064	10/17/2022 14:26:09	0.0	0.0
065	10/17/2022 14:27:09	0.0	0.0
066	10/17/2022 14:28:09	0.0	0.0
067	10/17/2022 14:29:09	0.0	0.0
068	10/17/2022 14:30:09	0.0	0.0
069	10/17/2022 14:31:09	0.0	0.0
070	10/17/2022 14:32:09	0.0	0.0
071	10/17/2022 14:33:09	0.0	0.0

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530171404
Firmware Version	3.1
Calibration Date	2/21/2022
Test Name	MANUAL_001
Test Start Time	9:51:35 AM
Test Start Date	10/17/2022
Test Length [D:H:M]	0:02:05
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.019
Mass Maximum [mg/m3]	0.045
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	25

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.036		
600	0.019		
900	0.019		
1200	0.022		
1500	0.021		
1800	0.021		
2100	0.019		
2400	0.019		
2700	0.022		
3000	0.045		
3300	0.028		
3600	0.023		
3900	0.03		
4200	0.033		
4500	0.032		
4800	0.022		
5100	0.025		
5400	0.019		
5700	0.023		
6000	0.021		
6300	0.019		
6600	0.032		
6900	0.021		
7200	0.02		
7500	0.019		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173314
Firmware Version	3.1
Calibration Date	8/23/2022
Test Name	MANUAL_002
Test Start Time	1:18:11 PM
Test Start Date	10/17/2022
Test Length [D:H:M]	0:01:10
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.015
Mass Maximum [mg/m3]	0.02
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	14

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.018		
600	0.017		
900	0.016		
1200	0.016		
1500	0.016		
1800	0.015		
2100	0.017		
2400	0.018		
2700	0.018		
3000	0.02		
3300	0.017		
3600	0.02		
3900	0.017		
4200	0.015		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530171404
Firmware Version	3.1
Calibration Date	2/21/2022
Test Name	MANUAL_002
Test Start Time	1:18:32 PM
Test Start Date	10/17/2022
Test Length [D:H:M]	0:01:05
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.025
Mass Minimum [mg/m3]	0.019
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	13

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.043		
600	0.019		
900	0.021		
1200	0.02		
1500	0.026		
1800	0.027		
2100	0.023		
2400	0.022		
2700	0.022		
3000	0.023		
3300	0.026		
3600	0.023		
3900	0.024		

Community Air Monitoring Program Report

Project Name: 473 President Street - offsite **Date:** 10/18/22

Weather: 50-60's, Partly Sunny **Personnel:** PR

Time	Upwind		Downwind		Work Zone	
	PID (ppm)	Particulates (mg/m³)	PID (ppm)	Particulates (mg/m³)	PID (ppm)	Particulates (mg/m³)
0815	0.0	0.007	0.0	0.008		
0830	0.0	0.006	0.0	0.008		
0900	0.0	0.007	0.0	0.008		
0930	0.0	0.006	0.0	0.006		
1000	0.0	0.007	0.0	0.008		
1030	0.0	0.008	0.0	0.009		
1100	0.0	0.009	0.0	0.009		
1130	0.0	0.020	0.0	0.019		
1200	0.0	0.018	0.0	0.014		
1300	0.0	0.012	0.0	0.014		
1330	0.0	0.010	0.0	0.011		
1400	0.0	0.010	0.0	0.012		
1430	0.0	0.011	0.0	0.012		

Notes:

Datalog

Current Event:22/10/18 08:22

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-602252
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	10/18/2022 08:22:43
End	10/18/2022 12:15:59
Sample Period(s)	60
Number of Records	233
Sensor	PID(ppm)
Sensor SN	S023030133B5
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	10/7/2022 10:06
Peak	0.0
Min	0.0
Average	0.0

Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	10/18/2022 08:23:43	0.0	0.0	0.0	0.0
002	10/18/2022 08:24:43	0.0	0.0	0.0	0.0
003	10/18/2022 08:25:43	0.0	0.0	0.0	0.0
004	10/18/2022 08:26:43	0.0	0.0	0.0	0.0
005	10/18/2022 08:27:43	0.0	0.0	0.0	0.0
006	10/18/2022 08:28:43	0.0	0.0	0.0	0.0
007	10/18/2022 08:29:43	0.0	0.0	0.0	0.0
008	10/18/2022 08:30:43	0.0	0.0	0.0	0.0
009	10/18/2022 08:31:43	0.0	0.0	0.0	0.0
010	10/18/2022 08:32:43	0.0	0.0	0.0	0.0
011	10/18/2022 08:33:43	0.0	0.0	0.0	0.0
012	10/18/2022 08:34:43	0.0	0.0	0.0	0.0
013	10/18/2022 08:35:43	0.0	0.0	0.0	0.0
014	10/18/2022 08:36:43	0.0	0.0	0.0	0.0
015	10/18/2022 08:37:43	0.0	0.0	0.0	0.0
016	10/18/2022 08:38:43	0.0	0.0	0.0	0.0
017	10/18/2022 08:39:43	0.0	0.0	0.0	0.0
018	10/18/2022 08:40:43	0.0	0.0	0.0	0.0
019	10/18/2022 08:41:43	0.0	0.0	0.0	0.0
020	10/18/2022 08:42:43	0.0	0.0	0.0	0.0
021	10/18/2022 08:43:43	0.0	0.0	0.0	0.0
022	10/18/2022 08:44:43	0.0	0.0	0.0	0.0
023	10/18/2022 08:45:43	0.0	0.0	0.0	0.0
024	10/18/2022 08:46:43	0.0	0.0	0.0	0.0
025	10/18/2022 08:47:43	0.0	0.0	0.0	0.0
026	10/18/2022 08:48:43	0.0	0.0	0.0	0.0
027	10/18/2022 08:49:43	0.0	0.0	0.0	0.0
028	10/18/2022 08:50:43	0.0	0.0	0.0	0.0
029	10/18/2022 08:51:43	0.0	0.0	0.0	0.0
030	10/18/2022 08:52:43	0.0	0.0	0.0	0.0
031	10/18/2022 08:53:43	0.0	0.0	0.0	0.0
032	10/18/2022 08:54:43	0.0	0.0	0.0	0.0
033	10/18/2022 08:55:43	0.0	0.0	0.0	0.0
034	10/18/2022 08:56:43	0.0	0.0	0.0	0.0
035	10/18/2022 08:57:43	0.0	0.0	0.0	0.0
036	10/18/2022 08:58:43	0.0	0.0	0.0	0.0
037	10/18/2022 08:59:43	0.0	0.0	0.0	0.0
038	10/18/2022 09:00:43	0.0	0.0	0.0	0.0
039	10/18/2022 09:01:43	0.0	0.0	0.0	0.0
040	10/18/2022 09:02:43	0.0	0.0	0.0	0.0
041	10/18/2022 09:03:43	0.0	0.0	0.0	0.0
042	10/18/2022 09:04:43	0.0	0.0	0.0	0.0
043	10/18/2022 09:05:43	0.0	0.0	0.0	0.0
044	10/18/2022 09:06:43	0.0	0.0	0.0	0.0
045	10/18/2022 09:07:43	0.0	0.0	0.0	0.0
046	10/18/2022 09:08:43	0.0	0.0	0.0	0.0
047	10/18/2022 09:09:43	0.0	0.0	0.0	0.0
048	10/18/2022 09:10:43	0.0	0.0	0.0	0.0
049	10/18/2022 09:11:43	0.0	0.0	0.0	0.0
050	10/18/2022 09:12:43	0.0	0.0	0.0	0.0
051	10/18/2022 09:13:43	0.0	0.0	0.0	0.0
052	10/18/2022 09:14:43	0.0	0.0	0.0	0.0
053	10/18/2022 09:15:43	0.0	0.0	0.0	0.0
054	10/18/2022 09:16:43	0.0	0.0	0.0	0.0
055	10/18/2022 09:17:43	0.0	0.0	0.0	0.0
056	10/18/2022 09:18:43	0.0	0.0	0.0	0.0
057	10/18/2022 09:19:43	0.0	0.0	0.0	0.0
058	10/18/2022 09:20:43	0.0	0.0	0.0	0.0
059	10/18/2022 09:21:43	0.0	0.0	0.0	0.0
060	10/18/2022 09:22:43	0.0	0.0	0.0	0.0
061	10/18/2022 09:23:43	0.0	0.0	0.0	0.0

062	10/18/2022 09:24:43	0.0	0.0	0.0	0.0
063	10/18/2022 09:25:43	0.0	0.0	0.0	0.0
064	10/18/2022 09:26:43	0.0	0.0	0.0	0.0
065	10/18/2022 09:27:43	0.0	0.0	0.0	0.0
066	10/18/2022 09:28:43	0.0	0.0	0.0	0.0
067	10/18/2022 09:29:43	0.0	0.0	0.0	0.0
068	10/18/2022 09:30:43	0.0	0.0	0.0	0.0
069	10/18/2022 09:31:43	0.0	0.0	0.0	0.0
070	10/18/2022 09:32:43	0.0	0.0	0.0	0.0
071	10/18/2022 09:33:43	0.0	0.0	0.0	0.0
072	10/18/2022 09:34:43	0.0	0.0	0.0	0.0
073	10/18/2022 09:35:43	0.0	0.0	0.0	0.0
074	10/18/2022 09:36:43	0.0	0.0	0.0	0.0
075	10/18/2022 09:37:43	0.0	0.0	0.0	0.0
076	10/18/2022 09:38:43	0.0	0.0	0.0	0.0
077	10/18/2022 09:39:43	0.0	0.0	0.0	0.0
078	10/18/2022 09:40:43	0.0	0.0	0.0	0.0
079	10/18/2022 09:41:43	0.0	0.0	0.0	0.0
080	10/18/2022 09:42:43	0.0	0.0	0.0	0.0
081	10/18/2022 09:43:43	0.0	0.0	0.0	0.0
082	10/18/2022 09:44:43	0.0	0.0	0.0	0.0
083	10/18/2022 09:45:43	0.0	0.0	0.0	0.0
084	10/18/2022 09:46:43	0.0	0.0	0.0	0.0
085	10/18/2022 09:47:43	0.0	0.0	0.0	0.0
086	10/18/2022 09:48:43	0.0	0.0	0.0	0.0
087	10/18/2022 09:49:43	0.0	0.0	0.0	0.0
088	10/18/2022 09:50:43	0.0	0.0	0.0	0.0
089	10/18/2022 09:51:43	0.0	0.0	0.0	0.0
090	10/18/2022 09:52:43	0.0	0.0	0.0	0.0
091	10/18/2022 09:53:43	0.0	0.0	0.0	0.0
092	10/18/2022 09:54:43	0.0	0.0	0.0	0.0
093	10/18/2022 09:55:43	0.0	0.0	0.0	0.0
094	10/18/2022 09:56:43	0.0	0.0	0.0	0.0
095	10/18/2022 09:57:43	0.0	0.0	0.0	0.0
096	10/18/2022 09:58:43	0.0	0.0	0.0	0.0
097	10/18/2022 09:59:43	0.0	0.0	0.0	0.0
098	10/18/2022 10:00:43	0.0	0.0	0.0	0.0
099	10/18/2022 10:01:43	0.0	0.0	0.0	0.0
100	10/18/2022 10:02:43	0.0	0.0	0.0	0.0
101	10/18/2022 10:03:43	0.0	0.0	0.0	0.0
102	10/18/2022 10:04:43	0.0	0.0	0.0	0.0
103	10/18/2022 10:05:43	0.0	0.0	0.0	0.0
104	10/18/2022 10:06:43	0.0	0.0	0.0	0.0
105	10/18/2022 10:07:43	0.0	0.0	0.0	0.0
106	10/18/2022 10:08:43	0.0	0.0	0.0	0.0
107	10/18/2022 10:09:43	0.0	0.0	0.0	0.0
108	10/18/2022 10:10:43	0.0	0.0	0.0	0.0
109	10/18/2022 10:11:43	0.0	0.0	0.0	0.0
110	10/18/2022 10:12:43	0.0	0.0	0.0	0.0
111	10/18/2022 10:13:43	0.0	0.0	0.0	0.0
112	10/18/2022 10:14:43	0.0	0.0	0.0	0.0
113	10/18/2022 10:15:43	0.0	0.0	0.0	0.0
114	10/18/2022 10:16:43	0.0	0.0	0.0	0.0
115	10/18/2022 10:17:43	0.0	0.0	0.0	0.0
116	10/18/2022 10:18:43	0.0	0.0	0.0	0.0
117	10/18/2022 10:19:43	0.0	0.0	0.0	0.0
118	10/18/2022 10:20:43	0.0	0.0	0.0	0.0
119	10/18/2022 10:21:43	0.0	0.0	0.0	0.0
120	10/18/2022 10:22:43	0.0	0.0	0.0	0.0
121	10/18/2022 10:23:43	0.0	0.0	0.0	0.0
122	10/18/2022 10:24:43	0.0	0.0	0.0	0.0
123	10/18/2022 10:25:43	0.0	0.0	0.0	0.0
124	10/18/2022 10:26:43	0.0	0.0	0.0	0.0
125	10/18/2022 10:27:43	0.0	0.0	0.0	0.0
126	10/18/2022 10:28:43	0.0	0.0	0.0	0.0

127	10/18/2022 10:29:43	0.0	0.0	0.0	0.0
128	10/18/2022 10:30:43	0.0	0.0	0.0	0.0
129	10/18/2022 10:31:43	0.0	0.0	0.0	0.0
130	10/18/2022 10:32:43	0.0	0.0	0.0	0.0
131	10/18/2022 10:33:43	0.0	0.0	0.0	0.0
132	10/18/2022 10:34:43	0.0	0.0	0.0	0.0
133	10/18/2022 10:35:43	0.0	0.0	0.0	0.0
134	10/18/2022 10:36:43	0.0	0.0	0.0	0.0
135	10/18/2022 10:37:43	0.0	0.0	0.0	0.0
136	10/18/2022 10:38:43	0.0	0.0	0.0	0.0
137	10/18/2022 10:39:43	0.0	0.0	0.0	0.0
138	10/18/2022 10:40:43	0.0	0.0	0.0	0.0
139	10/18/2022 10:41:43	0.0	0.0	0.0	0.0
140	10/18/2022 10:42:43	0.0	0.0	0.0	0.0
141	10/18/2022 10:43:43	0.0	0.0	0.0	0.0
142	10/18/2022 10:44:43	0.0	0.0	0.0	0.0
143	10/18/2022 10:45:43	0.0	0.0	0.0	0.0
144	10/18/2022 10:46:43	0.0	0.0	0.0	0.0
145	10/18/2022 10:47:43	0.0	0.0	0.0	0.0
146	10/18/2022 10:48:43	0.0	0.0	0.0	0.0
147	10/18/2022 10:49:43	0.0	0.0	0.0	0.0
148	10/18/2022 10:50:43	0.0	0.0	0.0	0.0
149	10/18/2022 10:51:43	0.0	0.0	0.0	0.0
150	10/18/2022 10:52:43	0.0	0.0	0.0	0.0
151	10/18/2022 10:53:43	0.0	0.0	0.0	0.0
152	10/18/2022 10:54:43	0.0	0.0	0.0	0.0
153	10/18/2022 10:55:43	0.0	0.0	0.0	0.0
154	10/18/2022 10:56:43	0.0	0.0	0.0	0.0
155	10/18/2022 10:57:43	0.0	0.0	0.0	0.0
156	10/18/2022 10:58:43	0.0	0.0	0.0	0.0
157	10/18/2022 10:59:43	0.0	0.0	0.0	0.0
158	10/18/2022 11:00:43	0.0	0.0	0.0	0.0
159	10/18/2022 11:01:43	0.0	0.0	0.0	0.0
160	10/18/2022 11:02:43	0.0	0.0	0.0	0.0
161	10/18/2022 11:03:43	0.0	0.0	0.0	0.0
162	10/18/2022 11:04:43	0.0	0.0	0.0	0.0
163	10/18/2022 11:05:43	0.0	0.0	0.0	0.0
164	10/18/2022 11:06:43	0.0	0.0	0.0	0.0
165	10/18/2022 11:07:43	0.0	0.0	0.0	0.0
166	10/18/2022 11:08:43	0.0	0.0	0.0	0.0
167	10/18/2022 11:09:43	0.0	0.0	0.0	0.0
168	10/18/2022 11:10:43	0.0	0.0	0.0	0.0
169	10/18/2022 11:11:43	0.0	0.0	0.0	0.0
170	10/18/2022 11:12:43	0.0	0.0	0.0	0.0
171	10/18/2022 11:13:43	0.0	0.0	0.0	0.0
172	10/18/2022 11:14:43	0.0	0.0	0.0	0.0
173	10/18/2022 11:15:43	0.0	0.0	0.0	0.0
174	10/18/2022 11:16:43	0.0	0.0	0.0	0.0
175	10/18/2022 11:17:43	0.0	0.0	0.0	0.0
176	10/18/2022 11:18:43	0.0	0.0	0.0	0.0
177	10/18/2022 11:19:43	0.0	0.0	0.0	0.0
178	10/18/2022 11:20:43	0.0	0.0	0.0	0.0
179	10/18/2022 11:21:43	0.0	0.0	0.0	0.0
180	10/18/2022 11:22:43	0.0	0.0	0.0	0.0
181	10/18/2022 11:23:43	0.0	0.0	0.0	0.0
182	10/18/2022 11:24:43	0.0	0.0	0.0	0.0
183	10/18/2022 11:25:43	0.0	0.0	0.0	0.0
184	10/18/2022 11:26:43	0.0	0.0	0.0	0.0
185	10/18/2022 11:27:43	0.0	0.0	0.0	0.0
186	10/18/2022 11:28:43	0.0	0.0	0.0	0.0
187	10/18/2022 11:29:43	0.0	0.0	0.0	0.0
188	10/18/2022 11:30:43	0.0	0.0	0.0	0.0
189	10/18/2022 11:31:43	0.0	0.0	0.0	0.0
190	10/18/2022 11:32:43	0.0	0.0	0.0	0.0
191	10/18/2022 11:33:43	0.0	0.0	0.0	0.0

192	10/18/2022 11:34:43	0.0	0.0	0.0	0.0
193	10/18/2022 11:35:43	0.0	0.0	0.0	0.0
194	10/18/2022 11:36:43	0.0	0.0	0.0	0.0
195	10/18/2022 11:37:43	0.0	0.0	0.0	0.0
196	10/18/2022 11:38:43	0.0	0.0	0.0	0.0
197	10/18/2022 11:39:43	0.0	0.0	0.0	0.0
198	10/18/2022 11:40:43	0.0	0.0	0.0	0.0
199	10/18/2022 11:41:43	0.0	0.0	0.0	0.0
200	10/18/2022 11:42:43	0.0	0.0	0.0	0.0
201	10/18/2022 11:43:43	0.0	0.0	0.0	0.0
202	10/18/2022 11:44:43	0.0	0.0	0.0	0.0
203	10/18/2022 11:45:43	0.0	0.0	0.0	0.0
204	10/18/2022 11:46:43	0.0	0.0	0.0	0.0
205	10/18/2022 11:47:43	0.0	0.0	0.0	0.0
206	10/18/2022 11:48:43	0.0	0.0	0.0	0.0
207	10/18/2022 11:49:43	0.0	0.0	0.0	0.0
208	10/18/2022 11:50:43	0.0	0.0	0.0	0.0
209	10/18/2022 11:51:43	0.0	0.0	0.0	0.0
210	10/18/2022 11:52:43	0.0	0.0	0.0	0.0
211	10/18/2022 11:53:43	0.0	0.0	0.0	0.0
212	10/18/2022 11:54:43	0.0	0.0	0.0	0.0
213	10/18/2022 11:55:43	0.0	0.0	0.0	0.0
214	10/18/2022 11:56:43	0.0	0.0	0.0	0.0
215	10/18/2022 11:57:43	0.0	0.0	0.0	0.0
216	10/18/2022 11:58:43	0.0	0.0	0.0	0.0
217	10/18/2022 11:59:43	0.0	0.0	0.0	0.0
218	10/18/2022 12:00:43	0.0	0.0	0.0	0.0
219	10/18/2022 12:01:43	0.0	0.0	0.0	0.0
220	10/18/2022 12:02:43	0.0	0.0	0.0	0.0
221	10/18/2022 12:03:43	0.0	0.0	0.0	0.0
222	10/18/2022 12:04:43	0.0	0.0	0.0	0.0
223	10/18/2022 12:05:43	0.0	0.0	0.0	0.0
224	10/18/2022 12:06:43	0.0	0.0	0.0	0.0
225	10/18/2022 12:07:43	0.0	0.0	0.0	0.0
226	10/18/2022 12:08:43	0.0	0.0	0.0	0.0
227	10/18/2022 12:09:43	0.0	0.0	0.0	0.0
228	10/18/2022 12:10:43	0.0	0.0	0.0	0.0
229	10/18/2022 12:11:43	0.0	0.0	0.0	0.0
230	10/18/2022 12:12:43	0.0	0.0	0.0	0.0
231	10/18/2022 12:13:43	0.0	0.0	0.0	0.0
232	10/18/2022 12:14:43	0.0	0.0	0.0	0.0
233	10/18/2022 12:15:43	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.0	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph

PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)
08:38:24
09:07:24
09:36:24
10:05:24
10:34:24
11:03:24
11:32:24
12:01:24

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	10/18/2022 08:23:43	0.0	---
002	10/18/2022 08:24:43	0.0	---
003	10/18/2022 08:25:43	0.0	---
004	10/18/2022 08:26:43	0.0	---
005	10/18/2022 08:27:43	0.0	---
006	10/18/2022 08:28:43	0.0	---
007	10/18/2022 08:29:43	0.0	---
008	10/18/2022 08:30:43	0.0	---
009	10/18/2022 08:31:43	0.0	---
010	10/18/2022 08:32:43	0.0	---
011	10/18/2022 08:33:43	0.0	---
012	10/18/2022 08:34:43	0.0	---
013	10/18/2022 08:35:43	0.0	---
014	10/18/2022 08:36:43	0.0	---
015	10/18/2022 08:37:43	0.0	0.0
016	10/18/2022 08:38:43	0.0	0.0
017	10/18/2022 08:39:43	0.0	0.0
018	10/18/2022 08:40:43	0.0	0.0
019	10/18/2022 08:41:43	0.0	0.0
020	10/18/2022 08:42:43	0.0	0.0
021	10/18/2022 08:43:43	0.0	0.0
022	10/18/2022 08:44:43	0.0	0.0
023	10/18/2022 08:45:43	0.0	0.0
024	10/18/2022 08:46:43	0.0	0.0
025	10/18/2022 08:47:43	0.0	0.0
026	10/18/2022 08:48:43	0.0	0.0
027	10/18/2022 08:49:43	0.0	0.0
028	10/18/2022 08:50:43	0.0	0.0
029	10/18/2022 08:51:43	0.0	0.0
030	10/18/2022 08:52:43	0.0	0.0
031	10/18/2022 08:53:43	0.0	0.0
032	10/18/2022 08:54:43	0.0	0.0
033	10/18/2022 08:55:43	0.0	0.0
034	10/18/2022 08:56:43	0.0	0.0
035	10/18/2022 08:57:43	0.0	0.0
036	10/18/2022 08:58:43	0.0	0.0
037	10/18/2022 08:59:43	0.0	0.0
038	10/18/2022 09:00:43	0.0	0.0
039	10/18/2022 09:01:43	0.0	0.0
040	10/18/2022 09:02:43	0.0	0.0
041	10/18/2022 09:03:43	0.0	0.0
042	10/18/2022 09:04:43	0.0	0.0
043	10/18/2022 09:05:43	0.0	0.0
044	10/18/2022 09:06:43	0.0	0.0
045	10/18/2022 09:07:43	0.0	0.0
046	10/18/2022 09:08:43	0.0	0.0
047	10/18/2022 09:09:43	0.0	0.0
048	10/18/2022 09:10:43	0.0	0.0
049	10/18/2022 09:11:43	0.0	0.0
050	10/18/2022 09:12:43	0.0	0.0
051	10/18/2022 09:13:43	0.0	0.0
052	10/18/2022 09:14:43	0.0	0.0
053	10/18/2022 09:15:43	0.0	0.0
054	10/18/2022 09:16:43	0.0	0.0
055	10/18/2022 09:17:43	0.0	0.0
056	10/18/2022 09:18:43	0.0	0.0
057	10/18/2022 09:19:43	0.0	0.0
058	10/18/2022 09:20:43	0.0	0.0
059	10/18/2022 09:21:43	0.0	0.0
060	10/18/2022 09:22:43	0.0	0.0
061	10/18/2022 09:23:43	0.0	0.0

062	10/18/2022 09:24:43	0.0	0.0
063	10/18/2022 09:25:43	0.0	0.0
064	10/18/2022 09:26:43	0.0	0.0
065	10/18/2022 09:27:43	0.0	0.0
066	10/18/2022 09:28:43	0.0	0.0
067	10/18/2022 09:29:43	0.0	0.0
068	10/18/2022 09:30:43	0.0	0.0
069	10/18/2022 09:31:43	0.0	0.0
070	10/18/2022 09:32:43	0.0	0.0
071	10/18/2022 09:33:43	0.0	0.0
072	10/18/2022 09:34:43	0.0	0.0
073	10/18/2022 09:35:43	0.0	0.0
074	10/18/2022 09:36:43	0.0	0.0
075	10/18/2022 09:37:43	0.0	0.0
076	10/18/2022 09:38:43	0.0	0.0
077	10/18/2022 09:39:43	0.0	0.0
078	10/18/2022 09:40:43	0.0	0.0
079	10/18/2022 09:41:43	0.0	0.0
080	10/18/2022 09:42:43	0.0	0.0
081	10/18/2022 09:43:43	0.0	0.0
082	10/18/2022 09:44:43	0.0	0.0
083	10/18/2022 09:45:43	0.0	0.0
084	10/18/2022 09:46:43	0.0	0.0
085	10/18/2022 09:47:43	0.0	0.0
086	10/18/2022 09:48:43	0.0	0.0
087	10/18/2022 09:49:43	0.0	0.0
088	10/18/2022 09:50:43	0.0	0.0
089	10/18/2022 09:51:43	0.0	0.0
090	10/18/2022 09:52:43	0.0	0.0
091	10/18/2022 09:53:43	0.0	0.0
092	10/18/2022 09:54:43	0.0	0.0
093	10/18/2022 09:55:43	0.0	0.0
094	10/18/2022 09:56:43	0.0	0.0
095	10/18/2022 09:57:43	0.0	0.0
096	10/18/2022 09:58:43	0.0	0.0
097	10/18/2022 09:59:43	0.0	0.0
098	10/18/2022 10:00:43	0.0	0.0
099	10/18/2022 10:01:43	0.0	0.0
100	10/18/2022 10:02:43	0.0	0.0
101	10/18/2022 10:03:43	0.0	0.0
102	10/18/2022 10:04:43	0.0	0.0
103	10/18/2022 10:05:43	0.0	0.0
104	10/18/2022 10:06:43	0.0	0.0
105	10/18/2022 10:07:43	0.0	0.0
106	10/18/2022 10:08:43	0.0	0.0
107	10/18/2022 10:09:43	0.0	0.0
108	10/18/2022 10:10:43	0.0	0.0
109	10/18/2022 10:11:43	0.0	0.0
110	10/18/2022 10:12:43	0.0	0.0
111	10/18/2022 10:13:43	0.0	0.0
112	10/18/2022 10:14:43	0.0	0.0
113	10/18/2022 10:15:43	0.0	0.0
114	10/18/2022 10:16:43	0.0	0.0
115	10/18/2022 10:17:43	0.0	0.0
116	10/18/2022 10:18:43	0.0	0.0
117	10/18/2022 10:19:43	0.0	0.0
118	10/18/2022 10:20:43	0.0	0.0
119	10/18/2022 10:21:43	0.0	0.0
120	10/18/2022 10:22:43	0.0	0.0
121	10/18/2022 10:23:43	0.0	0.0
122	10/18/2022 10:24:43	0.0	0.0
123	10/18/2022 10:25:43	0.0	0.0
124	10/18/2022 10:26:43	0.0	0.0
125	10/18/2022 10:27:43	0.0	0.0
126	10/18/2022 10:28:43	0.0	0.0

127	10/18/2022 10:29:43	0.0	0.0
128	10/18/2022 10:30:43	0.0	0.0
129	10/18/2022 10:31:43	0.0	0.0
130	10/18/2022 10:32:43	0.0	0.0
131	10/18/2022 10:33:43	0.0	0.0
132	10/18/2022 10:34:43	0.0	0.0
133	10/18/2022 10:35:43	0.0	0.0
134	10/18/2022 10:36:43	0.0	0.0
135	10/18/2022 10:37:43	0.0	0.0
136	10/18/2022 10:38:43	0.0	0.0
137	10/18/2022 10:39:43	0.0	0.0
138	10/18/2022 10:40:43	0.0	0.0
139	10/18/2022 10:41:43	0.0	0.0
140	10/18/2022 10:42:43	0.0	0.0
141	10/18/2022 10:43:43	0.0	0.0
142	10/18/2022 10:44:43	0.0	0.0
143	10/18/2022 10:45:43	0.0	0.0
144	10/18/2022 10:46:43	0.0	0.0
145	10/18/2022 10:47:43	0.0	0.0
146	10/18/2022 10:48:43	0.0	0.0
147	10/18/2022 10:49:43	0.0	0.0
148	10/18/2022 10:50:43	0.0	0.0
149	10/18/2022 10:51:43	0.0	0.0
150	10/18/2022 10:52:43	0.0	0.0
151	10/18/2022 10:53:43	0.0	0.0
152	10/18/2022 10:54:43	0.0	0.0
153	10/18/2022 10:55:43	0.0	0.0
154	10/18/2022 10:56:43	0.0	0.0
155	10/18/2022 10:57:43	0.0	0.0
156	10/18/2022 10:58:43	0.0	0.0
157	10/18/2022 10:59:43	0.0	0.0
158	10/18/2022 11:00:43	0.0	0.0
159	10/18/2022 11:01:43	0.0	0.0
160	10/18/2022 11:02:43	0.0	0.0
161	10/18/2022 11:03:43	0.0	0.0
162	10/18/2022 11:04:43	0.0	0.0
163	10/18/2022 11:05:43	0.0	0.0
164	10/18/2022 11:06:43	0.0	0.0
165	10/18/2022 11:07:43	0.0	0.0
166	10/18/2022 11:08:43	0.0	0.0
167	10/18/2022 11:09:43	0.0	0.0
168	10/18/2022 11:10:43	0.0	0.0
169	10/18/2022 11:11:43	0.0	0.0
170	10/18/2022 11:12:43	0.0	0.0
171	10/18/2022 11:13:43	0.0	0.0
172	10/18/2022 11:14:43	0.0	0.0
173	10/18/2022 11:15:43	0.0	0.0
174	10/18/2022 11:16:43	0.0	0.0
175	10/18/2022 11:17:43	0.0	0.0
176	10/18/2022 11:18:43	0.0	0.0
177	10/18/2022 11:19:43	0.0	0.0
178	10/18/2022 11:20:43	0.0	0.0
179	10/18/2022 11:21:43	0.0	0.0
180	10/18/2022 11:22:43	0.0	0.0
181	10/18/2022 11:23:43	0.0	0.0
182	10/18/2022 11:24:43	0.0	0.0
183	10/18/2022 11:25:43	0.0	0.0
184	10/18/2022 11:26:43	0.0	0.0
185	10/18/2022 11:27:43	0.0	0.0
186	10/18/2022 11:28:43	0.0	0.0
187	10/18/2022 11:29:43	0.0	0.0
188	10/18/2022 11:30:43	0.0	0.0
189	10/18/2022 11:31:43	0.0	0.0
190	10/18/2022 11:32:43	0.0	0.0
191	10/18/2022 11:33:43	0.0	0.0

192	10/18/2022 11:34:43	0.0	0.0
193	10/18/2022 11:35:43	0.0	0.0
194	10/18/2022 11:36:43	0.0	0.0
195	10/18/2022 11:37:43	0.0	0.0
196	10/18/2022 11:38:43	0.0	0.0
197	10/18/2022 11:39:43	0.0	0.0
198	10/18/2022 11:40:43	0.0	0.0
199	10/18/2022 11:41:43	0.0	0.0
200	10/18/2022 11:42:43	0.0	0.0
201	10/18/2022 11:43:43	0.0	0.0
202	10/18/2022 11:44:43	0.0	0.0
203	10/18/2022 11:45:43	0.0	0.0
204	10/18/2022 11:46:43	0.0	0.0
205	10/18/2022 11:47:43	0.0	0.0
206	10/18/2022 11:48:43	0.0	0.0
207	10/18/2022 11:49:43	0.0	0.0
208	10/18/2022 11:50:43	0.0	0.0
209	10/18/2022 11:51:43	0.0	0.0
210	10/18/2022 11:52:43	0.0	0.0
211	10/18/2022 11:53:43	0.0	0.0
212	10/18/2022 11:54:43	0.0	0.0
213	10/18/2022 11:55:43	0.0	0.0
214	10/18/2022 11:56:43	0.0	0.0
215	10/18/2022 11:57:43	0.0	0.0
216	10/18/2022 11:58:43	0.0	0.0
217	10/18/2022 11:59:43	0.0	0.0
218	10/18/2022 12:00:43	0.0	0.0
219	10/18/2022 12:01:43	0.0	0.0
220	10/18/2022 12:02:43	0.0	0.0
221	10/18/2022 12:03:43	0.0	0.0
222	10/18/2022 12:04:43	0.0	0.0
223	10/18/2022 12:05:43	0.0	0.0
224	10/18/2022 12:06:43	0.0	0.0
225	10/18/2022 12:07:43	0.0	0.0
226	10/18/2022 12:08:43	0.0	0.0
227	10/18/2022 12:09:43	0.0	0.0
228	10/18/2022 12:10:43	0.0	0.0
229	10/18/2022 12:11:43	0.0	0.0
230	10/18/2022 12:12:43	0.0	0.0
231	10/18/2022 12:13:43	0.0	0.0
232	10/18/2022 12:14:43	0.0	0.0
233	10/18/2022 12:15:43	0.0	0.0

Datalog

Current Event:22/10/18 13:14

Summary

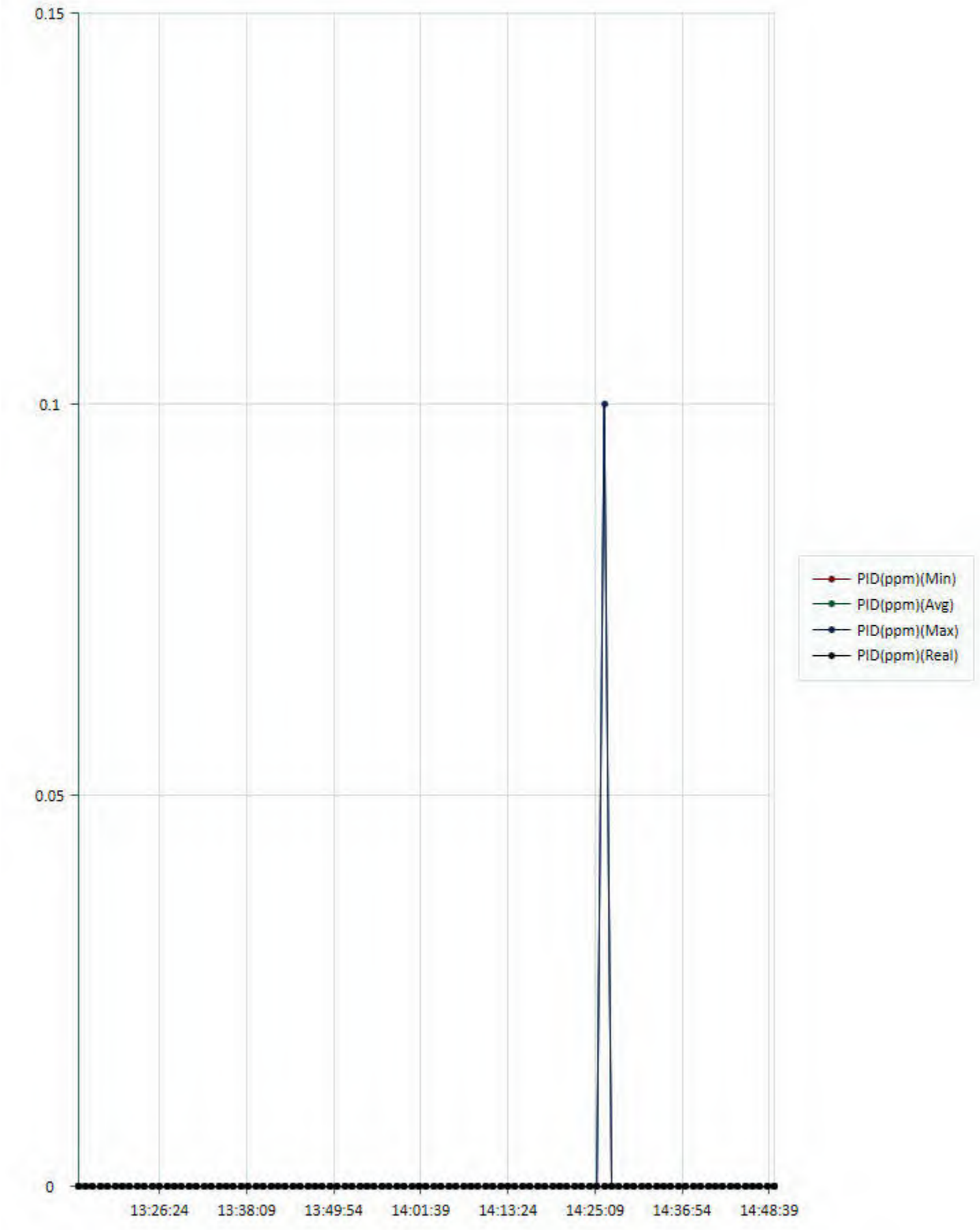
Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-602252
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	10/18/2022 13:14:24
End	10/18/2022 14:49:42
Sample Period(s)	60
Number of Records	95
Sensor	PID(ppm)
Sensor SN	S023030133B5
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	10/7/2022 10:06
Peak	0.0
Min	0.0
Average	0.0

Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	10/18/2022 13:15:24	0.0	0.0	0.0	0.0
002	10/18/2022 13:16:24	0.0	0.0	0.0	0.0
003	10/18/2022 13:17:24	0.0	0.0	0.0	0.0
004	10/18/2022 13:18:24	0.0	0.0	0.0	0.0
005	10/18/2022 13:19:24	0.0	0.0	0.0	0.0
006	10/18/2022 13:20:24	0.0	0.0	0.0	0.0
007	10/18/2022 13:21:24	0.0	0.0	0.0	0.0
008	10/18/2022 13:22:24	0.0	0.0	0.0	0.0
009	10/18/2022 13:23:24	0.0	0.0	0.0	0.0
010	10/18/2022 13:24:24	0.0	0.0	0.0	0.0
011	10/18/2022 13:25:24	0.0	0.0	0.0	0.0
012	10/18/2022 13:26:24	0.0	0.0	0.0	0.0
013	10/18/2022 13:27:24	0.0	0.0	0.0	0.0
014	10/18/2022 13:28:24	0.0	0.0	0.0	0.0
015	10/18/2022 13:29:24	0.0	0.0	0.0	0.0
016	10/18/2022 13:30:24	0.0	0.0	0.0	0.0
017	10/18/2022 13:31:24	0.0	0.0	0.0	0.0
018	10/18/2022 13:32:24	0.0	0.0	0.0	0.0
019	10/18/2022 13:33:24	0.0	0.0	0.0	0.0
020	10/18/2022 13:34:24	0.0	0.0	0.0	0.0
021	10/18/2022 13:35:24	0.0	0.0	0.0	0.0
022	10/18/2022 13:36:24	0.0	0.0	0.0	0.0
023	10/18/2022 13:37:24	0.0	0.0	0.0	0.0
024	10/18/2022 13:38:24	0.0	0.0	0.0	0.0
025	10/18/2022 13:39:24	0.0	0.0	0.0	0.0
026	10/18/2022 13:40:24	0.0	0.0	0.0	0.0
027	10/18/2022 13:41:24	0.0	0.0	0.0	0.0
028	10/18/2022 13:42:24	0.0	0.0	0.0	0.0
029	10/18/2022 13:43:24	0.0	0.0	0.0	0.0
030	10/18/2022 13:44:24	0.0	0.0	0.0	0.0
031	10/18/2022 13:45:24	0.0	0.0	0.0	0.0
032	10/18/2022 13:46:24	0.0	0.0	0.0	0.0
033	10/18/2022 13:47:24	0.0	0.0	0.0	0.0
034	10/18/2022 13:48:24	0.0	0.0	0.0	0.0
035	10/18/2022 13:49:24	0.0	0.0	0.0	0.0
036	10/18/2022 13:50:24	0.0	0.0	0.0	0.0
037	10/18/2022 13:51:24	0.0	0.0	0.0	0.0
038	10/18/2022 13:52:24	0.0	0.0	0.0	0.0
039	10/18/2022 13:53:24	0.0	0.0	0.0	0.0
040	10/18/2022 13:54:24	0.0	0.0	0.0	0.0
041	10/18/2022 13:55:24	0.0	0.0	0.0	0.0
042	10/18/2022 13:56:24	0.0	0.0	0.0	0.0
043	10/18/2022 13:57:24	0.0	0.0	0.0	0.0
044	10/18/2022 13:58:24	0.0	0.0	0.0	0.0
045	10/18/2022 13:59:24	0.0	0.0	0.0	0.0
046	10/18/2022 14:00:24	0.0	0.0	0.0	0.0
047	10/18/2022 14:01:24	0.0	0.0	0.0	0.0
048	10/18/2022 14:02:24	0.0	0.0	0.0	0.0
049	10/18/2022 14:03:24	0.0	0.0	0.0	0.0
050	10/18/2022 14:04:24	0.0	0.0	0.0	0.0
051	10/18/2022 14:05:24	0.0	0.0	0.0	0.0
052	10/18/2022 14:06:24	0.0	0.0	0.0	0.0
053	10/18/2022 14:07:24	0.0	0.0	0.0	0.0
054	10/18/2022 14:08:24	0.0	0.0	0.0	0.0
055	10/18/2022 14:09:24	0.0	0.0	0.0	0.0
056	10/18/2022 14:10:24	0.0	0.0	0.0	0.0
057	10/18/2022 14:11:24	0.0	0.0	0.0	0.0
058	10/18/2022 14:12:24	0.0	0.0	0.0	0.0
059	10/18/2022 14:13:24	0.0	0.0	0.0	0.0
060	10/18/2022 14:14:24	0.0	0.0	0.0	0.0
061	10/18/2022 14:15:24	0.0	0.0	0.0	0.0

062	10/18/2022 14:16:24	0.0	0.0	0.0	0.0
063	10/18/2022 14:17:24	0.0	0.0	0.0	0.0
064	10/18/2022 14:18:24	0.0	0.0	0.0	0.0
065	10/18/2022 14:19:24	0.0	0.0	0.0	0.0
066	10/18/2022 14:20:24	0.0	0.0	0.0	0.0
067	10/18/2022 14:21:24	0.0	0.0	0.0	0.0
068	10/18/2022 14:22:24	0.0	0.0	0.0	0.0
069	10/18/2022 14:23:24	0.0	0.0	0.0	0.0
070	10/18/2022 14:24:24	0.0	0.0	0.0	0.0
071	10/18/2022 14:25:24	0.0	0.0	0.0	0.0
072	10/18/2022 14:26:24	0.0	0.0	0.1	0.0
073	10/18/2022 14:27:24	0.0	0.0	0.0	0.0
074	10/18/2022 14:28:24	0.0	0.0	0.0	0.0
075	10/18/2022 14:29:24	0.0	0.0	0.0	0.0
076	10/18/2022 14:30:24	0.0	0.0	0.0	0.0
077	10/18/2022 14:31:24	0.0	0.0	0.0	0.0
078	10/18/2022 14:32:24	0.0	0.0	0.0	0.0
079	10/18/2022 14:33:24	0.0	0.0	0.0	0.0
080	10/18/2022 14:34:24	0.0	0.0	0.0	0.0
081	10/18/2022 14:35:24	0.0	0.0	0.0	0.0
082	10/18/2022 14:36:24	0.0	0.0	0.0	0.0
083	10/18/2022 14:37:24	0.0	0.0	0.0	0.0
084	10/18/2022 14:38:24	0.0	0.0	0.0	0.0
085	10/18/2022 14:39:24	0.0	0.0	0.0	0.0
086	10/18/2022 14:40:24	0.0	0.0	0.0	0.0
087	10/18/2022 14:41:24	0.0	0.0	0.0	0.0
088	10/18/2022 14:42:24	0.0	0.0	0.0	0.0
089	10/18/2022 14:43:24	0.0	0.0	0.0	0.0
090	10/18/2022 14:44:24	0.0	0.0	0.0	0.0
091	10/18/2022 14:45:24	0.0	0.0	0.0	0.0
092	10/18/2022 14:46:24	0.0	0.0	0.0	0.0
093	10/18/2022 14:47:24	0.0	0.0	0.0	0.0
094	10/18/2022 14:48:24	0.0	0.0	0.0	0.0
095	10/18/2022 14:49:24	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.1	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph


0.15
0.1
0.05
0
13:26:24
13:38:09
13:49:54
14:01:39
14:13:24
14:25:09
14:36:54
14:48:39
PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	10/18/2022 13:15:24	0.0	---
002	10/18/2022 13:16:24	0.0	---
003	10/18/2022 13:17:24	0.0	---
004	10/18/2022 13:18:24	0.0	---
005	10/18/2022 13:19:24	0.0	---
006	10/18/2022 13:20:24	0.0	---
007	10/18/2022 13:21:24	0.0	---
008	10/18/2022 13:22:24	0.0	---
009	10/18/2022 13:23:24	0.0	---
010	10/18/2022 13:24:24	0.0	---
011	10/18/2022 13:25:24	0.0	---
012	10/18/2022 13:26:24	0.0	---
013	10/18/2022 13:27:24	0.0	---
014	10/18/2022 13:28:24	0.0	---
015	10/18/2022 13:29:24	0.0	0.0
016	10/18/2022 13:30:24	0.0	0.0
017	10/18/2022 13:31:24	0.0	0.0
018	10/18/2022 13:32:24	0.0	0.0
019	10/18/2022 13:33:24	0.0	0.0
020	10/18/2022 13:34:24	0.0	0.0
021	10/18/2022 13:35:24	0.0	0.0
022	10/18/2022 13:36:24	0.0	0.0
023	10/18/2022 13:37:24	0.0	0.0
024	10/18/2022 13:38:24	0.0	0.0
025	10/18/2022 13:39:24	0.0	0.0
026	10/18/2022 13:40:24	0.0	0.0
027	10/18/2022 13:41:24	0.0	0.0
028	10/18/2022 13:42:24	0.0	0.0
029	10/18/2022 13:43:24	0.0	0.0
030	10/18/2022 13:44:24	0.0	0.0
031	10/18/2022 13:45:24	0.0	0.0
032	10/18/2022 13:46:24	0.0	0.0
033	10/18/2022 13:47:24	0.0	0.0
034	10/18/2022 13:48:24	0.0	0.0
035	10/18/2022 13:49:24	0.0	0.0
036	10/18/2022 13:50:24	0.0	0.0
037	10/18/2022 13:51:24	0.0	0.0
038	10/18/2022 13:52:24	0.0	0.0
039	10/18/2022 13:53:24	0.0	0.0
040	10/18/2022 13:54:24	0.0	0.0
041	10/18/2022 13:55:24	0.0	0.0
042	10/18/2022 13:56:24	0.0	0.0
043	10/18/2022 13:57:24	0.0	0.0
044	10/18/2022 13:58:24	0.0	0.0
045	10/18/2022 13:59:24	0.0	0.0
046	10/18/2022 14:00:24	0.0	0.0
047	10/18/2022 14:01:24	0.0	0.0
048	10/18/2022 14:02:24	0.0	0.0
049	10/18/2022 14:03:24	0.0	0.0
050	10/18/2022 14:04:24	0.0	0.0
051	10/18/2022 14:05:24	0.0	0.0
052	10/18/2022 14:06:24	0.0	0.0
053	10/18/2022 14:07:24	0.0	0.0
054	10/18/2022 14:08:24	0.0	0.0
055	10/18/2022 14:09:24	0.0	0.0
056	10/18/2022 14:10:24	0.0	0.0
057	10/18/2022 14:11:24	0.0	0.0
058	10/18/2022 14:12:24	0.0	0.0
059	10/18/2022 14:13:24	0.0	0.0
060	10/18/2022 14:14:24	0.0	0.0
061	10/18/2022 14:15:24	0.0	0.0

062	10/18/2022 14:16:24	0.0	0.0
063	10/18/2022 14:17:24	0.0	0.0
064	10/18/2022 14:18:24	0.0	0.0
065	10/18/2022 14:19:24	0.0	0.0
066	10/18/2022 14:20:24	0.0	0.0
067	10/18/2022 14:21:24	0.0	0.0
068	10/18/2022 14:22:24	0.0	0.0
069	10/18/2022 14:23:24	0.0	0.0
070	10/18/2022 14:24:24	0.0	0.0
071	10/18/2022 14:25:24	0.0	0.0
072	10/18/2022 14:26:24	0.0	0.0
073	10/18/2022 14:27:24	0.0	0.0
074	10/18/2022 14:28:24	0.0	0.0
075	10/18/2022 14:29:24	0.0	0.0
076	10/18/2022 14:30:24	0.0	0.0
077	10/18/2022 14:31:24	0.0	0.0
078	10/18/2022 14:32:24	0.0	0.0
079	10/18/2022 14:33:24	0.0	0.0
080	10/18/2022 14:34:24	0.0	0.0
081	10/18/2022 14:35:24	0.0	0.0
082	10/18/2022 14:36:24	0.0	0.0
083	10/18/2022 14:37:24	0.0	0.0
084	10/18/2022 14:38:24	0.0	0.0
085	10/18/2022 14:39:24	0.0	0.0
086	10/18/2022 14:40:24	0.0	0.0
087	10/18/2022 14:41:24	0.0	0.0
088	10/18/2022 14:42:24	0.0	0.0
089	10/18/2022 14:43:24	0.0	0.0
090	10/18/2022 14:44:24	0.0	0.0
091	10/18/2022 14:45:24	0.0	0.0
092	10/18/2022 14:46:24	0.0	0.0
093	10/18/2022 14:47:24	0.0	0.0
094	10/18/2022 14:48:24	0.0	0.0
095	10/18/2022 14:49:24	0.0	0.0

Datalog

Current Event:22/10/18 13:14

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-927732
Unit Firmware Ver	V2.20A
Running Mode	Hygiene Mode
Datalog Mode	Manual
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	10/18/2022 13:14:05
End	10/18/2022 14:53:38
Sample Period(s)	60
Number of Records	99
Sensor	PID(ppm)
Sensor SN	S023030308W4
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	10/7/2022 10:02
Peak	0.0
Min	0.0
Average	0.0

Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	10/18/2022 13:15:05	0.0	0.0	0.0	0.0
002	10/18/2022 13:16:05	0.0	0.0	0.0	0.0
003	10/18/2022 13:17:05	0.0	0.0	0.0	0.0
004	10/18/2022 13:18:05	0.0	0.0	0.0	0.0
005	10/18/2022 13:19:05	0.0	0.0	0.0	0.0
006	10/18/2022 13:20:05	0.0	0.0	0.0	0.0
007	10/18/2022 13:21:05	0.0	0.0	0.0	0.0
008	10/18/2022 13:22:05	0.0	0.0	0.0	0.0
009	10/18/2022 13:23:05	0.0	0.0	0.0	0.0
010	10/18/2022 13:24:05	0.0	0.0	0.0	0.0
011	10/18/2022 13:25:05	0.0	0.0	0.0	0.0
012	10/18/2022 13:26:05	0.0	0.0	0.0	0.0
013	10/18/2022 13:27:05	0.0	0.0	0.0	0.0
014	10/18/2022 13:28:05	0.0	0.0	0.0	0.0
015	10/18/2022 13:29:05	0.0	0.0	0.0	0.0
016	10/18/2022 13:30:05	0.0	0.0	0.0	0.0
017	10/18/2022 13:31:05	0.0	0.0	0.0	0.0
018	10/18/2022 13:32:05	0.0	0.0	0.0	0.0
019	10/18/2022 13:33:05	0.0	0.0	0.0	0.0
020	10/18/2022 13:34:05	0.0	0.0	0.0	0.0
021	10/18/2022 13:35:05	0.0	0.0	0.0	0.0
022	10/18/2022 13:36:05	0.0	0.0	0.0	0.0
023	10/18/2022 13:37:05	0.0	0.0	0.0	0.0
024	10/18/2022 13:38:05	0.0	0.0	0.0	0.0
025	10/18/2022 13:39:05	0.0	0.0	0.0	0.0
026	10/18/2022 13:40:05	0.0	0.0	0.0	0.0
027	10/18/2022 13:41:05	0.0	0.0	0.0	0.0
028	10/18/2022 13:42:05	0.0	0.0	0.0	0.0
029	10/18/2022 13:43:05	0.0	0.0	0.0	0.0
030	10/18/2022 13:44:05	0.0	0.0	0.0	0.0
031	10/18/2022 13:45:05	0.0	0.0	0.0	0.0
032	10/18/2022 13:46:05	0.0	0.0	0.0	0.0
033	10/18/2022 13:47:05	0.0	0.0	0.0	0.0
034	10/18/2022 13:48:05	0.0	0.0	0.0	0.0
035	10/18/2022 13:49:05	0.0	0.0	0.0	0.0
036	10/18/2022 13:50:05	0.0	0.0	0.0	0.0
037	10/18/2022 13:51:05	0.0	0.0	0.0	0.0
038	10/18/2022 13:52:05	0.0	0.0	0.0	0.0
039	10/18/2022 13:53:05	0.0	0.0	0.0	0.0
040	10/18/2022 13:54:05	0.0	0.0	0.0	0.0
041	10/18/2022 13:55:05	0.0	0.0	0.0	0.0
042	10/18/2022 13:56:05	0.0	0.0	0.0	0.0
043	10/18/2022 13:57:05	0.0	0.0	0.0	0.0
044	10/18/2022 13:58:05	0.0	0.0	0.0	0.0
045	10/18/2022 13:59:05	0.0	0.0	0.0	0.0
046	10/18/2022 14:00:05	0.0	0.0	0.0	0.0
047	10/18/2022 14:01:05	0.0	0.0	0.0	0.0
048	10/18/2022 14:02:05	0.0	0.0	0.0	0.0
049	10/18/2022 14:03:05	0.0	0.0	0.0	0.0
050	10/18/2022 14:04:05	0.0	0.0	0.0	0.0
051	10/18/2022 14:05:05	0.0	0.0	0.0	0.0
052	10/18/2022 14:06:05	0.0	0.0	0.0	0.0
053	10/18/2022 14:07:05	0.0	0.0	0.0	0.0
054	10/18/2022 14:08:05	0.0	0.0	0.0	0.0
055	10/18/2022 14:09:05	0.0	0.0	0.0	0.0
056	10/18/2022 14:10:05	0.0	0.0	0.0	0.0
057	10/18/2022 14:11:05	0.0	0.0	0.0	0.0
058	10/18/2022 14:12:05	0.0	0.0	0.0	0.0
059	10/18/2022 14:13:05	0.0	0.0	0.0	0.0
060	10/18/2022 14:14:05	0.0	0.0	0.0	0.0
061	10/18/2022 14:15:05	0.0	0.0	0.0	0.0

062	10/18/2022 14:16:05	0.0	0.0	0.0	0.0
063	10/18/2022 14:17:05	0.0	0.0	0.0	0.0
064	10/18/2022 14:18:05	0.0	0.0	0.0	0.0
065	10/18/2022 14:19:05	0.0	0.0	0.0	0.0
066	10/18/2022 14:20:05	0.0	0.0	0.0	0.0
067	10/18/2022 14:21:05	0.0	0.0	0.0	0.0
068	10/18/2022 14:22:05	0.0	0.0	0.0	0.0
069	10/18/2022 14:23:05	0.0	0.0	0.0	0.0
070	10/18/2022 14:24:05	0.0	0.0	0.0	0.0
071	10/18/2022 14:25:05	0.0	0.0	0.0	0.0
072	10/18/2022 14:26:05	0.0	0.0	0.0	0.0
073	10/18/2022 14:27:05	0.0	0.0	0.0	0.0
074	10/18/2022 14:28:05	0.0	0.0	0.0	0.0
075	10/18/2022 14:29:05	0.0	0.0	0.0	0.0
076	10/18/2022 14:30:05	0.0	0.0	0.0	0.0
077	10/18/2022 14:31:05	0.0	0.0	0.0	0.0
078	10/18/2022 14:32:05	0.0	0.0	0.0	0.0
079	10/18/2022 14:33:05	0.0	0.0	0.0	0.0
080	10/18/2022 14:34:05	0.0	0.0	0.0	0.0
081	10/18/2022 14:35:05	0.0	0.0	0.0	0.0
082	10/18/2022 14:36:05	0.0	0.0	0.0	0.0
083	10/18/2022 14:37:05	0.0	0.0	0.0	0.0
084	10/18/2022 14:38:05	0.0	0.0	0.0	0.0
085	10/18/2022 14:39:05	0.0	0.0	0.0	0.0
086	10/18/2022 14:40:05	0.0	0.0	0.0	0.0
087	10/18/2022 14:41:05	0.0	0.0	0.0	0.0
088	10/18/2022 14:42:05	0.0	0.0	0.0	0.0
089	10/18/2022 14:43:05	0.0	0.0	0.0	0.0
090	10/18/2022 14:44:05	0.0	0.0	0.0	0.0
091	10/18/2022 14:45:05	0.0	0.0	0.0	0.0
092	10/18/2022 14:46:05	0.0	0.0	0.0	0.0
093	10/18/2022 14:47:05	0.0	0.0	0.0	0.0
094	10/18/2022 14:48:05	0.0	0.0	0.0	0.0
095	10/18/2022 14:49:05	0.0	0.0	0.0	0.0
096	10/18/2022 14:50:05	0.0	0.0	0.0	0.0
097	10/18/2022 14:51:05	0.0	0.0	0.0	0.0
098	10/18/2022 14:52:05	0.0	0.0	0.0	0.0
099	10/18/2022 14:53:05	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.0	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph

PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)
13:26:24
13:38:39
13:50:54
14:03:09
14:15:24
14:27:39
14:39:54
14:52:09

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	10/18/2022 13:15:05	0.0	---
002	10/18/2022 13:16:05	0.0	---
003	10/18/2022 13:17:05	0.0	---
004	10/18/2022 13:18:05	0.0	---
005	10/18/2022 13:19:05	0.0	---
006	10/18/2022 13:20:05	0.0	---
007	10/18/2022 13:21:05	0.0	---
008	10/18/2022 13:22:05	0.0	---
009	10/18/2022 13:23:05	0.0	---
010	10/18/2022 13:24:05	0.0	---
011	10/18/2022 13:25:05	0.0	---
012	10/18/2022 13:26:05	0.0	---
013	10/18/2022 13:27:05	0.0	---
014	10/18/2022 13:28:05	0.0	---
015	10/18/2022 13:29:05	0.0	0.0
016	10/18/2022 13:30:05	0.0	0.0
017	10/18/2022 13:31:05	0.0	0.0
018	10/18/2022 13:32:05	0.0	0.0
019	10/18/2022 13:33:05	0.0	0.0
020	10/18/2022 13:34:05	0.0	0.0
021	10/18/2022 13:35:05	0.0	0.0
022	10/18/2022 13:36:05	0.0	0.0
023	10/18/2022 13:37:05	0.0	0.0
024	10/18/2022 13:38:05	0.0	0.0
025	10/18/2022 13:39:05	0.0	0.0
026	10/18/2022 13:40:05	0.0	0.0
027	10/18/2022 13:41:05	0.0	0.0
028	10/18/2022 13:42:05	0.0	0.0
029	10/18/2022 13:43:05	0.0	0.0
030	10/18/2022 13:44:05	0.0	0.0
031	10/18/2022 13:45:05	0.0	0.0
032	10/18/2022 13:46:05	0.0	0.0
033	10/18/2022 13:47:05	0.0	0.0
034	10/18/2022 13:48:05	0.0	0.0
035	10/18/2022 13:49:05	0.0	0.0
036	10/18/2022 13:50:05	0.0	0.0
037	10/18/2022 13:51:05	0.0	0.0
038	10/18/2022 13:52:05	0.0	0.0
039	10/18/2022 13:53:05	0.0	0.0
040	10/18/2022 13:54:05	0.0	0.0
041	10/18/2022 13:55:05	0.0	0.0
042	10/18/2022 13:56:05	0.0	0.0
043	10/18/2022 13:57:05	0.0	0.0
044	10/18/2022 13:58:05	0.0	0.0
045	10/18/2022 13:59:05	0.0	0.0
046	10/18/2022 14:00:05	0.0	0.0
047	10/18/2022 14:01:05	0.0	0.0
048	10/18/2022 14:02:05	0.0	0.0
049	10/18/2022 14:03:05	0.0	0.0
050	10/18/2022 14:04:05	0.0	0.0
051	10/18/2022 14:05:05	0.0	0.0
052	10/18/2022 14:06:05	0.0	0.0
053	10/18/2022 14:07:05	0.0	0.0
054	10/18/2022 14:08:05	0.0	0.0
055	10/18/2022 14:09:05	0.0	0.0
056	10/18/2022 14:10:05	0.0	0.0
057	10/18/2022 14:11:05	0.0	0.0
058	10/18/2022 14:12:05	0.0	0.0
059	10/18/2022 14:13:05	0.0	0.0
060	10/18/2022 14:14:05	0.0	0.0
061	10/18/2022 14:15:05	0.0	0.0

062	10/18/2022 14:16:05	0.0	0.0
063	10/18/2022 14:17:05	0.0	0.0
064	10/18/2022 14:18:05	0.0	0.0
065	10/18/2022 14:19:05	0.0	0.0
066	10/18/2022 14:20:05	0.0	0.0
067	10/18/2022 14:21:05	0.0	0.0
068	10/18/2022 14:22:05	0.0	0.0
069	10/18/2022 14:23:05	0.0	0.0
070	10/18/2022 14:24:05	0.0	0.0
071	10/18/2022 14:25:05	0.0	0.0
072	10/18/2022 14:26:05	0.0	0.0
073	10/18/2022 14:27:05	0.0	0.0
074	10/18/2022 14:28:05	0.0	0.0
075	10/18/2022 14:29:05	0.0	0.0
076	10/18/2022 14:30:05	0.0	0.0
077	10/18/2022 14:31:05	0.0	0.0
078	10/18/2022 14:32:05	0.0	0.0
079	10/18/2022 14:33:05	0.0	0.0
080	10/18/2022 14:34:05	0.0	0.0
081	10/18/2022 14:35:05	0.0	0.0
082	10/18/2022 14:36:05	0.0	0.0
083	10/18/2022 14:37:05	0.0	0.0
084	10/18/2022 14:38:05	0.0	0.0
085	10/18/2022 14:39:05	0.0	0.0
086	10/18/2022 14:40:05	0.0	0.0
087	10/18/2022 14:41:05	0.0	0.0
088	10/18/2022 14:42:05	0.0	0.0
089	10/18/2022 14:43:05	0.0	0.0
090	10/18/2022 14:44:05	0.0	0.0
091	10/18/2022 14:45:05	0.0	0.0
092	10/18/2022 14:46:05	0.0	0.0
093	10/18/2022 14:47:05	0.0	0.0
094	10/18/2022 14:48:05	0.0	0.0
095	10/18/2022 14:49:05	0.0	0.0
096	10/18/2022 14:50:05	0.0	0.0
097	10/18/2022 14:51:05	0.0	0.0
098	10/18/2022 14:52:05	0.0	0.0
099	10/18/2022 14:53:05	0.0	0.0

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530171404
Firmware Version	3.1
Calibration Date	2/21/2022
Test Name	MANUAL_003
Test Start Time	8:16:57 AM
Test Start Date	10/18/2022
Test Length [D:H:M]	0:03:50
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.05
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	46

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.018		
600	0.01		
900	0.007		
1200	0.008		
1500	0.036		
1800	0.009		
2100	0.006		
2400	0.007		
2700	0.012		
3000	0.009		
3300	0.01		
3600	0.009		
3900	0.011		
4200	0.045		
4500	0.006		
4800	0.008		
5100	0.009		
5400	0.008		
5700	0.007		
6000	0.009		
6300	0.014		
6600	0.009		
6900	0.018		
7200	0.015		
7500	0.013		
7800	0.017		
8100	0.05		

8400	0.008
8700	0.009
9000	0.009
9300	0.01
9600	0.01
9900	0.011
10200	0.02
10500	0.014
10800	0.011
11100	0.009
11400	0.01
11700	0.02
12000	0.025
12300	0.015
12600	0.012
12900	0.013
13200	0.015
13500	0.019
13800	0.016

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530171404
Firmware Version	3.1
Calibration Date	2/21/2022
Test Name	MANUAL_004
Test Start Time	1:09:15 PM
Test Start Date	10/18/2022
Test Length [D:H:M]	0:01:30
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.034
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	18

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.033		
600	0.023		
900	0.015		
1200	0.009		
1500	0.024		
1800	0.025		
2100	0.012		
2400	0.011		
2700	0.009		
3000	0.011		
3300	0.012		
3600	0.011		
3900	0.013		
4200	0.015		
4500	0.034		
4800	0.015		
5100	0.02		
5400	0.014		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173314
Firmware Version	3.1
Calibration Date	8/23/2022
Test Name	MANUAL_004
Test Start Time	1:11:23 PM
Test Start Date	10/18/2022
Test Length [D:H:M]	0:01:35
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.026
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	19

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.011		
600	0.008		
900	0.007		
1200	0.009		
1500	0.015		
1800	0.016		
2100	0.014		
2400	0.019		
2700	0.013		
3000	0.015		
3300	0.015		
3600	0.01		
3900	0.02		
4200	0.026		
4500	0.022		
4800	0.026		
5100	0.019		
5400	0.015		
5700	0.022		

MOVE YOUR ENVIRONMENT FORWARD

Community Air Monitoring Program Report

Project Name: 473 President Street

Date: 10/18/22

Weather: 40°s - 50°s, Sunny

Personnel: RL

Time	Upwind		Downwind		Work Zone	
	PID (ppm)	Particulates (mg/m³)	PID (ppm)	Particulates (mg/m³)	PID (ppm)	Particulates (mg/m³)
0800	0.0	0.050	0.0	0.051		
0830	0.0	0.047	0.0	0.048		
0900	0.0	0.030	0.0	0.030		
0930	0.0	0.028	0.0	0.029		
1000	0.0	0.022	0.0	0.025		
1030	0.0	0.018	0.0	0.019		
1100	0.0	0.016	0.0	0.019		

Datalog

Current Event:22/10/19 08:15

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-602252
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	10/19/2022 08:15:29
End	10/19/2022 11:21:45
Sample Period(s)	60
Number of Records	186
Sensor	PID(ppm)
Sensor SN	S023030133B5
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	10/7/2022 10:06
Peak	0.0
Min	0.0
Average	0.0

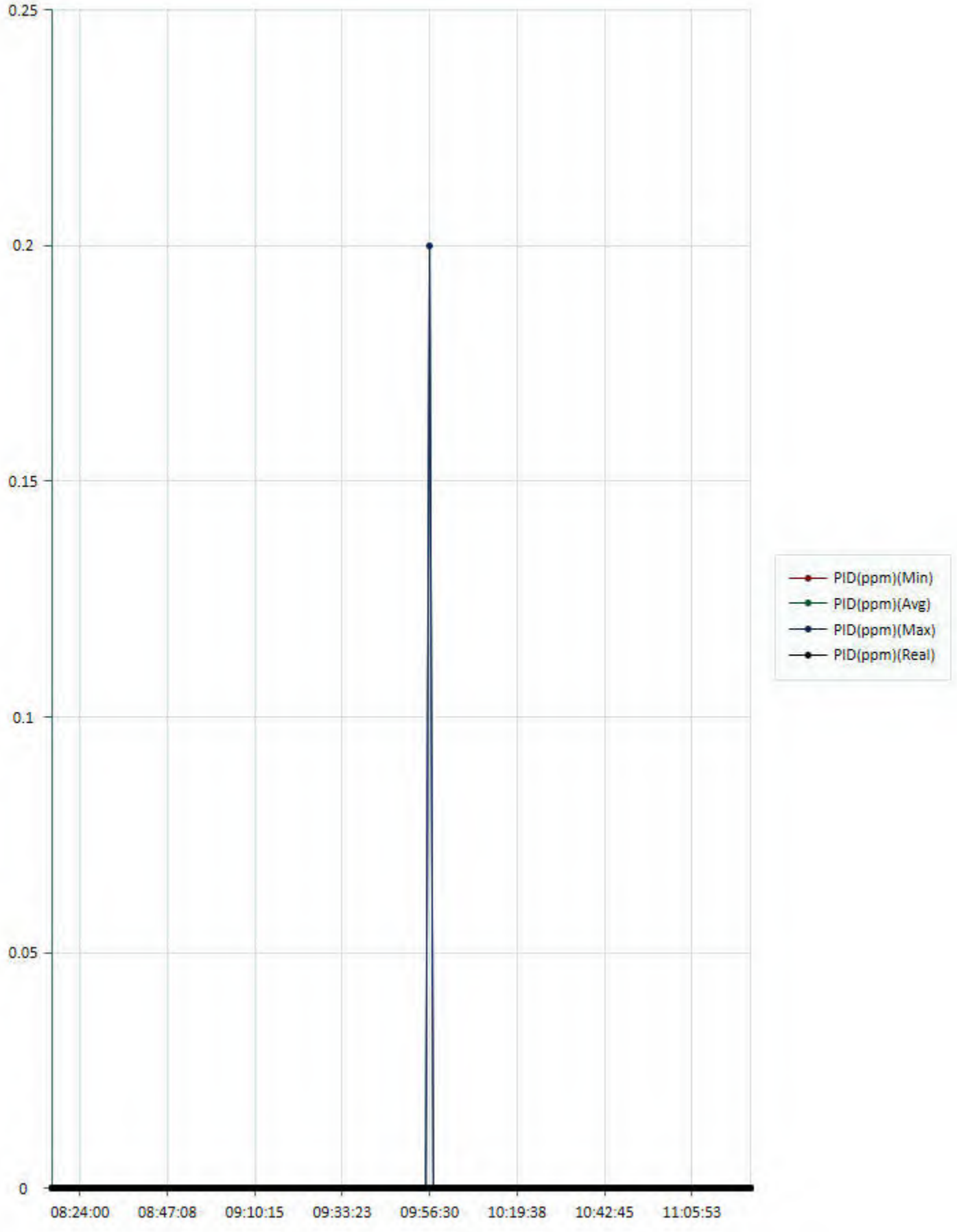
Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	10/19/2022 08:16:29	0.0	0.0	0.0	0.0
002	10/19/2022 08:17:29	0.0	0.0	0.0	0.0
003	10/19/2022 08:18:29	0.0	0.0	0.0	0.0
004	10/19/2022 08:19:29	0.0	0.0	0.0	0.0
005	10/19/2022 08:20:29	0.0	0.0	0.0	0.0
006	10/19/2022 08:21:29	0.0	0.0	0.0	0.0
007	10/19/2022 08:22:29	0.0	0.0	0.0	0.0
008	10/19/2022 08:23:29	0.0	0.0	0.0	0.0
009	10/19/2022 08:24:29	0.0	0.0	0.0	0.0
010	10/19/2022 08:25:29	0.0	0.0	0.0	0.0
011	10/19/2022 08:26:29	0.0	0.0	0.0	0.0
012	10/19/2022 08:27:29	0.0	0.0	0.0	0.0
013	10/19/2022 08:28:29	0.0	0.0	0.0	0.0
014	10/19/2022 08:29:29	0.0	0.0	0.0	0.0
015	10/19/2022 08:30:29	0.0	0.0	0.0	0.0
016	10/19/2022 08:31:29	0.0	0.0	0.0	0.0
017	10/19/2022 08:32:29	0.0	0.0	0.0	0.0
018	10/19/2022 08:33:29	0.0	0.0	0.0	0.0
019	10/19/2022 08:34:29	0.0	0.0	0.0	0.0
020	10/19/2022 08:35:29	0.0	0.0	0.0	0.0
021	10/19/2022 08:36:29	0.0	0.0	0.0	0.0
022	10/19/2022 08:37:29	0.0	0.0	0.0	0.0
023	10/19/2022 08:38:29	0.0	0.0	0.0	0.0
024	10/19/2022 08:39:29	0.0	0.0	0.0	0.0
025	10/19/2022 08:40:29	0.0	0.0	0.0	0.0
026	10/19/2022 08:41:29	0.0	0.0	0.0	0.0
027	10/19/2022 08:42:29	0.0	0.0	0.0	0.0
028	10/19/2022 08:43:29	0.0	0.0	0.0	0.0
029	10/19/2022 08:44:29	0.0	0.0	0.0	0.0
030	10/19/2022 08:45:29	0.0	0.0	0.0	0.0
031	10/19/2022 08:46:29	0.0	0.0	0.0	0.0
032	10/19/2022 08:47:29	0.0	0.0	0.0	0.0
033	10/19/2022 08:48:29	0.0	0.0	0.0	0.0
034	10/19/2022 08:49:29	0.0	0.0	0.0	0.0
035	10/19/2022 08:50:29	0.0	0.0	0.0	0.0
036	10/19/2022 08:51:29	0.0	0.0	0.0	0.0
037	10/19/2022 08:52:29	0.0	0.0	0.0	0.0
038	10/19/2022 08:53:29	0.0	0.0	0.0	0.0
039	10/19/2022 08:54:29	0.0	0.0	0.0	0.0
040	10/19/2022 08:55:29	0.0	0.0	0.0	0.0
041	10/19/2022 08:56:29	0.0	0.0	0.0	0.0
042	10/19/2022 08:57:29	0.0	0.0	0.0	0.0
043	10/19/2022 08:58:29	0.0	0.0	0.0	0.0
044	10/19/2022 08:59:29	0.0	0.0	0.0	0.0
045	10/19/2022 09:00:29	0.0	0.0	0.0	0.0
046	10/19/2022 09:01:29	0.0	0.0	0.0	0.0
047	10/19/2022 09:02:29	0.0	0.0	0.0	0.0
048	10/19/2022 09:03:29	0.0	0.0	0.0	0.0
049	10/19/2022 09:04:29	0.0	0.0	0.0	0.0
050	10/19/2022 09:05:29	0.0	0.0	0.0	0.0
051	10/19/2022 09:06:29	0.0	0.0	0.0	0.0
052	10/19/2022 09:07:29	0.0	0.0	0.0	0.0
053	10/19/2022 09:08:29	0.0	0.0	0.0	0.0
054	10/19/2022 09:09:29	0.0	0.0	0.0	0.0
055	10/19/2022 09:10:29	0.0	0.0	0.0	0.0
056	10/19/2022 09:11:29	0.0	0.0	0.0	0.0
057	10/19/2022 09:12:29	0.0	0.0	0.0	0.0
058	10/19/2022 09:13:29	0.0	0.0	0.0	0.0
059	10/19/2022 09:14:29	0.0	0.0	0.0	0.0
060	10/19/2022 09:15:29	0.0	0.0	0.0	0.0
061	10/19/2022 09:16:29	0.0	0.0	0.0	0.0

062	10/19/2022 09:17:29	0.0	0.0	0.0	0.0
063	10/19/2022 09:18:29	0.0	0.0	0.0	0.0
064	10/19/2022 09:19:29	0.0	0.0	0.0	0.0
065	10/19/2022 09:20:29	0.0	0.0	0.0	0.0
066	10/19/2022 09:21:29	0.0	0.0	0.0	0.0
067	10/19/2022 09:22:29	0.0	0.0	0.0	0.0
068	10/19/2022 09:23:29	0.0	0.0	0.0	0.0
069	10/19/2022 09:24:29	0.0	0.0	0.0	0.0
070	10/19/2022 09:25:29	0.0	0.0	0.0	0.0
071	10/19/2022 09:26:29	0.0	0.0	0.0	0.0
072	10/19/2022 09:27:29	0.0	0.0	0.0	0.0
073	10/19/2022 09:28:29	0.0	0.0	0.0	0.0
074	10/19/2022 09:29:29	0.0	0.0	0.0	0.0
075	10/19/2022 09:30:29	0.0	0.0	0.0	0.0
076	10/19/2022 09:31:29	0.0	0.0	0.0	0.0
077	10/19/2022 09:32:29	0.0	0.0	0.0	0.0
078	10/19/2022 09:33:29	0.0	0.0	0.0	0.0
079	10/19/2022 09:34:29	0.0	0.0	0.0	0.0
080	10/19/2022 09:35:29	0.0	0.0	0.0	0.0
081	10/19/2022 09:36:29	0.0	0.0	0.0	0.0
082	10/19/2022 09:37:29	0.0	0.0	0.0	0.0
083	10/19/2022 09:38:29	0.0	0.0	0.0	0.0
084	10/19/2022 09:39:29	0.0	0.0	0.0	0.0
085	10/19/2022 09:40:29	0.0	0.0	0.0	0.0
086	10/19/2022 09:41:29	0.0	0.0	0.0	0.0
087	10/19/2022 09:42:29	0.0	0.0	0.0	0.0
088	10/19/2022 09:43:29	0.0	0.0	0.0	0.0
089	10/19/2022 09:44:29	0.0	0.0	0.0	0.0
090	10/19/2022 09:45:29	0.0	0.0	0.0	0.0
091	10/19/2022 09:46:29	0.0	0.0	0.0	0.0
092	10/19/2022 09:47:29	0.0	0.0	0.0	0.0
093	10/19/2022 09:48:29	0.0	0.0	0.0	0.0
094	10/19/2022 09:49:29	0.0	0.0	0.0	0.0
095	10/19/2022 09:50:29	0.0	0.0	0.0	0.0
096	10/19/2022 09:51:29	0.0	0.0	0.0	0.0
097	10/19/2022 09:52:29	0.0	0.0	0.0	0.0
098	10/19/2022 09:53:29	0.0	0.0	0.0	0.0
099	10/19/2022 09:54:29	0.0	0.0	0.0	0.0
100	10/19/2022 09:55:29	0.0	0.0	0.0	0.0
101	10/19/2022 09:56:29	0.0	0.0	0.2	0.0
102	10/19/2022 09:57:29	0.0	0.0	0.0	0.0
103	10/19/2022 09:58:29	0.0	0.0	0.0	0.0
104	10/19/2022 09:59:29	0.0	0.0	0.0	0.0
105	10/19/2022 10:00:29	0.0	0.0	0.0	0.0
106	10/19/2022 10:01:29	0.0	0.0	0.0	0.0
107	10/19/2022 10:02:29	0.0	0.0	0.0	0.0
108	10/19/2022 10:03:29	0.0	0.0	0.0	0.0
109	10/19/2022 10:04:29	0.0	0.0	0.0	0.0
110	10/19/2022 10:05:29	0.0	0.0	0.0	0.0
111	10/19/2022 10:06:29	0.0	0.0	0.0	0.0
112	10/19/2022 10:07:29	0.0	0.0	0.0	0.0
113	10/19/2022 10:08:29	0.0	0.0	0.0	0.0
114	10/19/2022 10:09:29	0.0	0.0	0.0	0.0
115	10/19/2022 10:10:29	0.0	0.0	0.0	0.0
116	10/19/2022 10:11:29	0.0	0.0	0.0	0.0
117	10/19/2022 10:12:29	0.0	0.0	0.0	0.0
118	10/19/2022 10:13:29	0.0	0.0	0.0	0.0
119	10/19/2022 10:14:29	0.0	0.0	0.0	0.0
120	10/19/2022 10:15:29	0.0	0.0	0.0	0.0
121	10/19/2022 10:16:29	0.0	0.0	0.0	0.0
122	10/19/2022 10:17:29	0.0	0.0	0.0	0.0
123	10/19/2022 10:18:29	0.0	0.0	0.0	0.0
124	10/19/2022 10:19:29	0.0	0.0	0.0	0.0
125	10/19/2022 10:20:29	0.0	0.0	0.0	0.0
126	10/19/2022 10:21:29	0.0	0.0	0.0	0.0

127	10/19/2022 10:22:29	0.0	0.0	0.0	0.0
128	10/19/2022 10:23:29	0.0	0.0	0.0	0.0
129	10/19/2022 10:24:29	0.0	0.0	0.0	0.0
130	10/19/2022 10:25:29	0.0	0.0	0.0	0.0
131	10/19/2022 10:26:29	0.0	0.0	0.0	0.0
132	10/19/2022 10:27:29	0.0	0.0	0.0	0.0
133	10/19/2022 10:28:29	0.0	0.0	0.0	0.0
134	10/19/2022 10:29:29	0.0	0.0	0.0	0.0
135	10/19/2022 10:30:29	0.0	0.0	0.0	0.0
136	10/19/2022 10:31:29	0.0	0.0	0.0	0.0
137	10/19/2022 10:32:29	0.0	0.0	0.0	0.0
138	10/19/2022 10:33:29	0.0	0.0	0.0	0.0
139	10/19/2022 10:34:29	0.0	0.0	0.0	0.0
140	10/19/2022 10:35:29	0.0	0.0	0.0	0.0
141	10/19/2022 10:36:29	0.0	0.0	0.0	0.0
142	10/19/2022 10:37:29	0.0	0.0	0.0	0.0
143	10/19/2022 10:38:29	0.0	0.0	0.0	0.0
144	10/19/2022 10:39:29	0.0	0.0	0.0	0.0
145	10/19/2022 10:40:29	0.0	0.0	0.0	0.0
146	10/19/2022 10:41:29	0.0	0.0	0.0	0.0
147	10/19/2022 10:42:29	0.0	0.0	0.0	0.0
148	10/19/2022 10:43:29	0.0	0.0	0.0	0.0
149	10/19/2022 10:44:29	0.0	0.0	0.0	0.0
150	10/19/2022 10:45:29	0.0	0.0	0.0	0.0
151	10/19/2022 10:46:29	0.0	0.0	0.0	0.0
152	10/19/2022 10:47:29	0.0	0.0	0.0	0.0
153	10/19/2022 10:48:29	0.0	0.0	0.0	0.0
154	10/19/2022 10:49:29	0.0	0.0	0.0	0.0
155	10/19/2022 10:50:29	0.0	0.0	0.0	0.0
156	10/19/2022 10:51:29	0.0	0.0	0.0	0.0
157	10/19/2022 10:52:29	0.0	0.0	0.0	0.0
158	10/19/2022 10:53:29	0.0	0.0	0.0	0.0
159	10/19/2022 10:54:29	0.0	0.0	0.0	0.0
160	10/19/2022 10:55:29	0.0	0.0	0.0	0.0
161	10/19/2022 10:56:29	0.0	0.0	0.0	0.0
162	10/19/2022 10:57:29	0.0	0.0	0.0	0.0
163	10/19/2022 10:58:29	0.0	0.0	0.0	0.0
164	10/19/2022 10:59:29	0.0	0.0	0.0	0.0
165	10/19/2022 11:00:29	0.0	0.0	0.0	0.0
166	10/19/2022 11:01:29	0.0	0.0	0.0	0.0
167	10/19/2022 11:02:29	0.0	0.0	0.0	0.0
168	10/19/2022 11:03:29	0.0	0.0	0.0	0.0
169	10/19/2022 11:04:29	0.0	0.0	0.0	0.0
170	10/19/2022 11:05:29	0.0	0.0	0.0	0.0
171	10/19/2022 11:06:29	0.0	0.0	0.0	0.0
172	10/19/2022 11:07:29	0.0	0.0	0.0	0.0
173	10/19/2022 11:08:29	0.0	0.0	0.0	0.0
174	10/19/2022 11:09:29	0.0	0.0	0.0	0.0
175	10/19/2022 11:10:29	0.0	0.0	0.0	0.0
176	10/19/2022 11:11:29	0.0	0.0	0.0	0.0
177	10/19/2022 11:12:29	0.0	0.0	0.0	0.0
178	10/19/2022 11:13:29	0.0	0.0	0.0	0.0
179	10/19/2022 11:14:29	0.0	0.0	0.0	0.0
180	10/19/2022 11:15:29	0.0	0.0	0.0	0.0
181	10/19/2022 11:16:29	0.0	0.0	0.0	0.0
182	10/19/2022 11:17:29	0.0	0.0	0.0	0.0
183	10/19/2022 11:18:29	0.0	0.0	0.0	0.0
184	10/19/2022 11:19:29	0.0	0.0	0.0	0.0
185	10/19/2022 11:20:29	0.0	0.0	0.0	0.0
186	10/19/2022 11:21:29	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.2	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph


0.25
0.2
0.15
0.1
0.05
0
08:24:00
08:47:08
09:10:15
09:33:23
09:56:30
10:19:38
10:42:45
11:05:53
PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	10/19/2022 08:16:29	0.0	---
002	10/19/2022 08:17:29	0.0	---
003	10/19/2022 08:18:29	0.0	---
004	10/19/2022 08:19:29	0.0	---
005	10/19/2022 08:20:29	0.0	---
006	10/19/2022 08:21:29	0.0	---
007	10/19/2022 08:22:29	0.0	---
008	10/19/2022 08:23:29	0.0	---
009	10/19/2022 08:24:29	0.0	---
010	10/19/2022 08:25:29	0.0	---
011	10/19/2022 08:26:29	0.0	---
012	10/19/2022 08:27:29	0.0	---
013	10/19/2022 08:28:29	0.0	---
014	10/19/2022 08:29:29	0.0	---
015	10/19/2022 08:30:29	0.0	0.0
016	10/19/2022 08:31:29	0.0	0.0
017	10/19/2022 08:32:29	0.0	0.0
018	10/19/2022 08:33:29	0.0	0.0
019	10/19/2022 08:34:29	0.0	0.0
020	10/19/2022 08:35:29	0.0	0.0
021	10/19/2022 08:36:29	0.0	0.0
022	10/19/2022 08:37:29	0.0	0.0
023	10/19/2022 08:38:29	0.0	0.0
024	10/19/2022 08:39:29	0.0	0.0
025	10/19/2022 08:40:29	0.0	0.0
026	10/19/2022 08:41:29	0.0	0.0
027	10/19/2022 08:42:29	0.0	0.0
028	10/19/2022 08:43:29	0.0	0.0
029	10/19/2022 08:44:29	0.0	0.0
030	10/19/2022 08:45:29	0.0	0.0
031	10/19/2022 08:46:29	0.0	0.0
032	10/19/2022 08:47:29	0.0	0.0
033	10/19/2022 08:48:29	0.0	0.0
034	10/19/2022 08:49:29	0.0	0.0
035	10/19/2022 08:50:29	0.0	0.0
036	10/19/2022 08:51:29	0.0	0.0
037	10/19/2022 08:52:29	0.0	0.0
038	10/19/2022 08:53:29	0.0	0.0
039	10/19/2022 08:54:29	0.0	0.0
040	10/19/2022 08:55:29	0.0	0.0
041	10/19/2022 08:56:29	0.0	0.0
042	10/19/2022 08:57:29	0.0	0.0
043	10/19/2022 08:58:29	0.0	0.0
044	10/19/2022 08:59:29	0.0	0.0
045	10/19/2022 09:00:29	0.0	0.0
046	10/19/2022 09:01:29	0.0	0.0
047	10/19/2022 09:02:29	0.0	0.0
048	10/19/2022 09:03:29	0.0	0.0
049	10/19/2022 09:04:29	0.0	0.0
050	10/19/2022 09:05:29	0.0	0.0
051	10/19/2022 09:06:29	0.0	0.0
052	10/19/2022 09:07:29	0.0	0.0
053	10/19/2022 09:08:29	0.0	0.0
054	10/19/2022 09:09:29	0.0	0.0
055	10/19/2022 09:10:29	0.0	0.0
056	10/19/2022 09:11:29	0.0	0.0
057	10/19/2022 09:12:29	0.0	0.0
058	10/19/2022 09:13:29	0.0	0.0
059	10/19/2022 09:14:29	0.0	0.0
060	10/19/2022 09:15:29	0.0	0.0
061	10/19/2022 09:16:29	0.0	0.0

062	10/19/2022 09:17:29	0.0	0.0
063	10/19/2022 09:18:29	0.0	0.0
064	10/19/2022 09:19:29	0.0	0.0
065	10/19/2022 09:20:29	0.0	0.0
066	10/19/2022 09:21:29	0.0	0.0
067	10/19/2022 09:22:29	0.0	0.0
068	10/19/2022 09:23:29	0.0	0.0
069	10/19/2022 09:24:29	0.0	0.0
070	10/19/2022 09:25:29	0.0	0.0
071	10/19/2022 09:26:29	0.0	0.0
072	10/19/2022 09:27:29	0.0	0.0
073	10/19/2022 09:28:29	0.0	0.0
074	10/19/2022 09:29:29	0.0	0.0
075	10/19/2022 09:30:29	0.0	0.0
076	10/19/2022 09:31:29	0.0	0.0
077	10/19/2022 09:32:29	0.0	0.0
078	10/19/2022 09:33:29	0.0	0.0
079	10/19/2022 09:34:29	0.0	0.0
080	10/19/2022 09:35:29	0.0	0.0
081	10/19/2022 09:36:29	0.0	0.0
082	10/19/2022 09:37:29	0.0	0.0
083	10/19/2022 09:38:29	0.0	0.0
084	10/19/2022 09:39:29	0.0	0.0
085	10/19/2022 09:40:29	0.0	0.0
086	10/19/2022 09:41:29	0.0	0.0
087	10/19/2022 09:42:29	0.0	0.0
088	10/19/2022 09:43:29	0.0	0.0
089	10/19/2022 09:44:29	0.0	0.0
090	10/19/2022 09:45:29	0.0	0.0
091	10/19/2022 09:46:29	0.0	0.0
092	10/19/2022 09:47:29	0.0	0.0
093	10/19/2022 09:48:29	0.0	0.0
094	10/19/2022 09:49:29	0.0	0.0
095	10/19/2022 09:50:29	0.0	0.0
096	10/19/2022 09:51:29	0.0	0.0
097	10/19/2022 09:52:29	0.0	0.0
098	10/19/2022 09:53:29	0.0	0.0
099	10/19/2022 09:54:29	0.0	0.0
100	10/19/2022 09:55:29	0.0	0.0
101	10/19/2022 09:56:29	0.0	0.0
102	10/19/2022 09:57:29	0.0	0.0
103	10/19/2022 09:58:29	0.0	0.0
104	10/19/2022 09:59:29	0.0	0.0
105	10/19/2022 10:00:29	0.0	0.0
106	10/19/2022 10:01:29	0.0	0.0
107	10/19/2022 10:02:29	0.0	0.0
108	10/19/2022 10:03:29	0.0	0.0
109	10/19/2022 10:04:29	0.0	0.0
110	10/19/2022 10:05:29	0.0	0.0
111	10/19/2022 10:06:29	0.0	0.0
112	10/19/2022 10:07:29	0.0	0.0
113	10/19/2022 10:08:29	0.0	0.0
114	10/19/2022 10:09:29	0.0	0.0
115	10/19/2022 10:10:29	0.0	0.0
116	10/19/2022 10:11:29	0.0	0.0
117	10/19/2022 10:12:29	0.0	0.0
118	10/19/2022 10:13:29	0.0	0.0
119	10/19/2022 10:14:29	0.0	0.0
120	10/19/2022 10:15:29	0.0	0.0
121	10/19/2022 10:16:29	0.0	0.0
122	10/19/2022 10:17:29	0.0	0.0
123	10/19/2022 10:18:29	0.0	0.0
124	10/19/2022 10:19:29	0.0	0.0
125	10/19/2022 10:20:29	0.0	0.0
126	10/19/2022 10:21:29	0.0	0.0

127	10/19/2022 10:22:29	0.0	0.0
128	10/19/2022 10:23:29	0.0	0.0
129	10/19/2022 10:24:29	0.0	0.0
130	10/19/2022 10:25:29	0.0	0.0
131	10/19/2022 10:26:29	0.0	0.0
132	10/19/2022 10:27:29	0.0	0.0
133	10/19/2022 10:28:29	0.0	0.0
134	10/19/2022 10:29:29	0.0	0.0
135	10/19/2022 10:30:29	0.0	0.0
136	10/19/2022 10:31:29	0.0	0.0
137	10/19/2022 10:32:29	0.0	0.0
138	10/19/2022 10:33:29	0.0	0.0
139	10/19/2022 10:34:29	0.0	0.0
140	10/19/2022 10:35:29	0.0	0.0
141	10/19/2022 10:36:29	0.0	0.0
142	10/19/2022 10:37:29	0.0	0.0
143	10/19/2022 10:38:29	0.0	0.0
144	10/19/2022 10:39:29	0.0	0.0
145	10/19/2022 10:40:29	0.0	0.0
146	10/19/2022 10:41:29	0.0	0.0
147	10/19/2022 10:42:29	0.0	0.0
148	10/19/2022 10:43:29	0.0	0.0
149	10/19/2022 10:44:29	0.0	0.0
150	10/19/2022 10:45:29	0.0	0.0
151	10/19/2022 10:46:29	0.0	0.0
152	10/19/2022 10:47:29	0.0	0.0
153	10/19/2022 10:48:29	0.0	0.0
154	10/19/2022 10:49:29	0.0	0.0
155	10/19/2022 10:50:29	0.0	0.0
156	10/19/2022 10:51:29	0.0	0.0
157	10/19/2022 10:52:29	0.0	0.0
158	10/19/2022 10:53:29	0.0	0.0
159	10/19/2022 10:54:29	0.0	0.0
160	10/19/2022 10:55:29	0.0	0.0
161	10/19/2022 10:56:29	0.0	0.0
162	10/19/2022 10:57:29	0.0	0.0
163	10/19/2022 10:58:29	0.0	0.0
164	10/19/2022 10:59:29	0.0	0.0
165	10/19/2022 11:00:29	0.0	0.0
166	10/19/2022 11:01:29	0.0	0.0
167	10/19/2022 11:02:29	0.0	0.0
168	10/19/2022 11:03:29	0.0	0.0
169	10/19/2022 11:04:29	0.0	0.0
170	10/19/2022 11:05:29	0.0	0.0
171	10/19/2022 11:06:29	0.0	0.0
172	10/19/2022 11:07:29	0.0	0.0
173	10/19/2022 11:08:29	0.0	0.0
174	10/19/2022 11:09:29	0.0	0.0
175	10/19/2022 11:10:29	0.0	0.0
176	10/19/2022 11:11:29	0.0	0.0
177	10/19/2022 11:12:29	0.0	0.0
178	10/19/2022 11:13:29	0.0	0.0
179	10/19/2022 11:14:29	0.0	0.0
180	10/19/2022 11:15:29	0.0	0.0
181	10/19/2022 11:16:29	0.0	0.0
182	10/19/2022 11:17:29	0.0	0.0
183	10/19/2022 11:18:29	0.0	0.0
184	10/19/2022 11:19:29	0.0	0.0
185	10/19/2022 11:20:29	0.0	0.0
186	10/19/2022 11:21:29	0.0	0.0

Datalog

Current Event:22/10/19 08:15

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-602252
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	10/19/2022 08:15:29
End	10/19/2022 11:21:45
Sample Period(s)	60
Number of Records	186
Sensor	PID(ppm)
Sensor SN	S023030133B5
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	10/7/2022 10:06
Peak	0.0
Min	0.0
Average	0.0

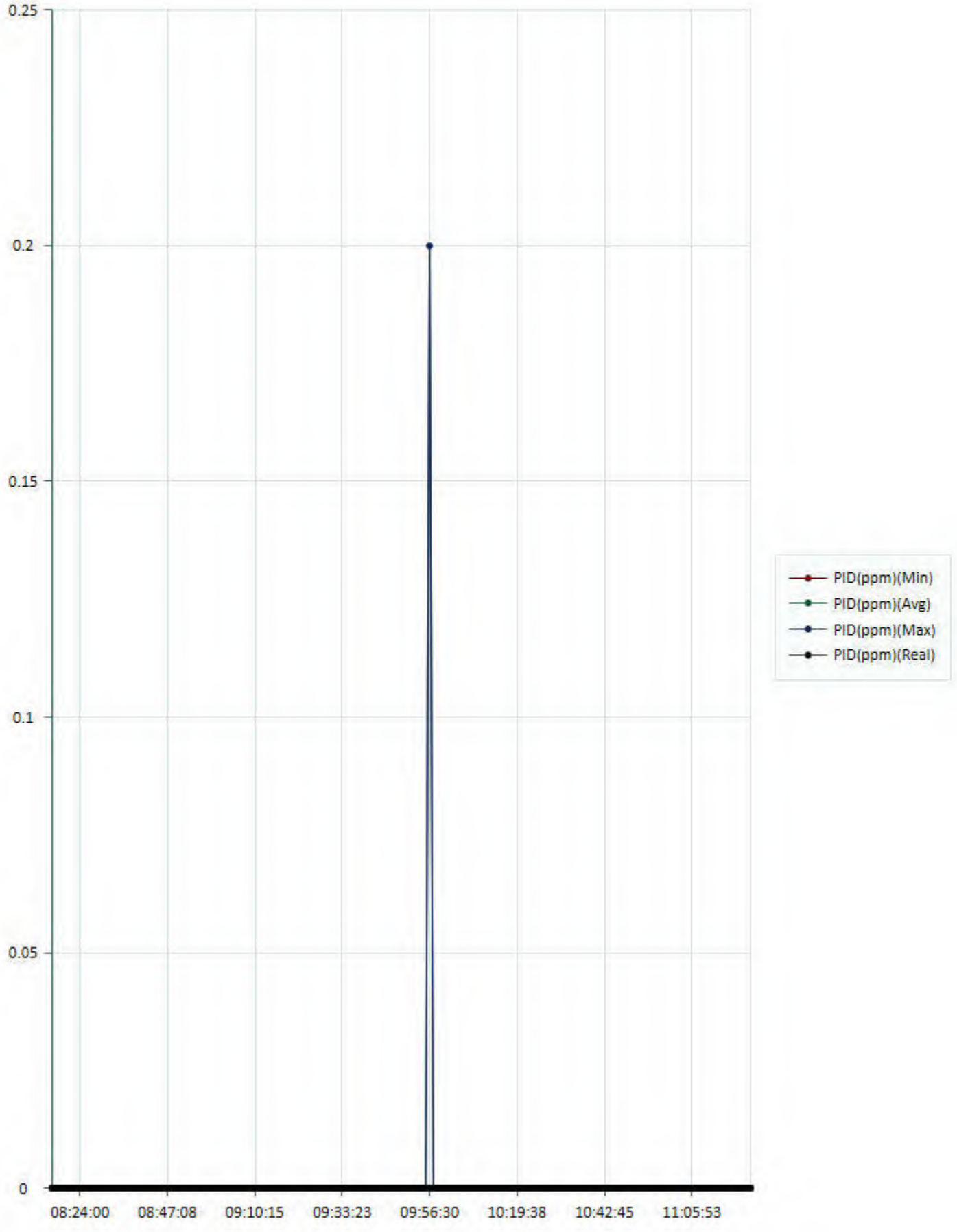
Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	10/19/2022 08:16:29	0.0	0.0	0.0	0.0
002	10/19/2022 08:17:29	0.0	0.0	0.0	0.0
003	10/19/2022 08:18:29	0.0	0.0	0.0	0.0
004	10/19/2022 08:19:29	0.0	0.0	0.0	0.0
005	10/19/2022 08:20:29	0.0	0.0	0.0	0.0
006	10/19/2022 08:21:29	0.0	0.0	0.0	0.0
007	10/19/2022 08:22:29	0.0	0.0	0.0	0.0
008	10/19/2022 08:23:29	0.0	0.0	0.0	0.0
009	10/19/2022 08:24:29	0.0	0.0	0.0	0.0
010	10/19/2022 08:25:29	0.0	0.0	0.0	0.0
011	10/19/2022 08:26:29	0.0	0.0	0.0	0.0
012	10/19/2022 08:27:29	0.0	0.0	0.0	0.0
013	10/19/2022 08:28:29	0.0	0.0	0.0	0.0
014	10/19/2022 08:29:29	0.0	0.0	0.0	0.0
015	10/19/2022 08:30:29	0.0	0.0	0.0	0.0
016	10/19/2022 08:31:29	0.0	0.0	0.0	0.0
017	10/19/2022 08:32:29	0.0	0.0	0.0	0.0
018	10/19/2022 08:33:29	0.0	0.0	0.0	0.0
019	10/19/2022 08:34:29	0.0	0.0	0.0	0.0
020	10/19/2022 08:35:29	0.0	0.0	0.0	0.0
021	10/19/2022 08:36:29	0.0	0.0	0.0	0.0
022	10/19/2022 08:37:29	0.0	0.0	0.0	0.0
023	10/19/2022 08:38:29	0.0	0.0	0.0	0.0
024	10/19/2022 08:39:29	0.0	0.0	0.0	0.0
025	10/19/2022 08:40:29	0.0	0.0	0.0	0.0
026	10/19/2022 08:41:29	0.0	0.0	0.0	0.0
027	10/19/2022 08:42:29	0.0	0.0	0.0	0.0
028	10/19/2022 08:43:29	0.0	0.0	0.0	0.0
029	10/19/2022 08:44:29	0.0	0.0	0.0	0.0
030	10/19/2022 08:45:29	0.0	0.0	0.0	0.0
031	10/19/2022 08:46:29	0.0	0.0	0.0	0.0
032	10/19/2022 08:47:29	0.0	0.0	0.0	0.0
033	10/19/2022 08:48:29	0.0	0.0	0.0	0.0
034	10/19/2022 08:49:29	0.0	0.0	0.0	0.0
035	10/19/2022 08:50:29	0.0	0.0	0.0	0.0
036	10/19/2022 08:51:29	0.0	0.0	0.0	0.0
037	10/19/2022 08:52:29	0.0	0.0	0.0	0.0
038	10/19/2022 08:53:29	0.0	0.0	0.0	0.0
039	10/19/2022 08:54:29	0.0	0.0	0.0	0.0
040	10/19/2022 08:55:29	0.0	0.0	0.0	0.0
041	10/19/2022 08:56:29	0.0	0.0	0.0	0.0
042	10/19/2022 08:57:29	0.0	0.0	0.0	0.0
043	10/19/2022 08:58:29	0.0	0.0	0.0	0.0
044	10/19/2022 08:59:29	0.0	0.0	0.0	0.0
045	10/19/2022 09:00:29	0.0	0.0	0.0	0.0
046	10/19/2022 09:01:29	0.0	0.0	0.0	0.0
047	10/19/2022 09:02:29	0.0	0.0	0.0	0.0
048	10/19/2022 09:03:29	0.0	0.0	0.0	0.0
049	10/19/2022 09:04:29	0.0	0.0	0.0	0.0
050	10/19/2022 09:05:29	0.0	0.0	0.0	0.0
051	10/19/2022 09:06:29	0.0	0.0	0.0	0.0
052	10/19/2022 09:07:29	0.0	0.0	0.0	0.0
053	10/19/2022 09:08:29	0.0	0.0	0.0	0.0
054	10/19/2022 09:09:29	0.0	0.0	0.0	0.0
055	10/19/2022 09:10:29	0.0	0.0	0.0	0.0
056	10/19/2022 09:11:29	0.0	0.0	0.0	0.0
057	10/19/2022 09:12:29	0.0	0.0	0.0	0.0
058	10/19/2022 09:13:29	0.0	0.0	0.0	0.0
059	10/19/2022 09:14:29	0.0	0.0	0.0	0.0
060	10/19/2022 09:15:29	0.0	0.0	0.0	0.0
061	10/19/2022 09:16:29	0.0	0.0	0.0	0.0

062	10/19/2022 09:17:29	0.0	0.0	0.0	0.0
063	10/19/2022 09:18:29	0.0	0.0	0.0	0.0
064	10/19/2022 09:19:29	0.0	0.0	0.0	0.0
065	10/19/2022 09:20:29	0.0	0.0	0.0	0.0
066	10/19/2022 09:21:29	0.0	0.0	0.0	0.0
067	10/19/2022 09:22:29	0.0	0.0	0.0	0.0
068	10/19/2022 09:23:29	0.0	0.0	0.0	0.0
069	10/19/2022 09:24:29	0.0	0.0	0.0	0.0
070	10/19/2022 09:25:29	0.0	0.0	0.0	0.0
071	10/19/2022 09:26:29	0.0	0.0	0.0	0.0
072	10/19/2022 09:27:29	0.0	0.0	0.0	0.0
073	10/19/2022 09:28:29	0.0	0.0	0.0	0.0
074	10/19/2022 09:29:29	0.0	0.0	0.0	0.0
075	10/19/2022 09:30:29	0.0	0.0	0.0	0.0
076	10/19/2022 09:31:29	0.0	0.0	0.0	0.0
077	10/19/2022 09:32:29	0.0	0.0	0.0	0.0
078	10/19/2022 09:33:29	0.0	0.0	0.0	0.0
079	10/19/2022 09:34:29	0.0	0.0	0.0	0.0
080	10/19/2022 09:35:29	0.0	0.0	0.0	0.0
081	10/19/2022 09:36:29	0.0	0.0	0.0	0.0
082	10/19/2022 09:37:29	0.0	0.0	0.0	0.0
083	10/19/2022 09:38:29	0.0	0.0	0.0	0.0
084	10/19/2022 09:39:29	0.0	0.0	0.0	0.0
085	10/19/2022 09:40:29	0.0	0.0	0.0	0.0
086	10/19/2022 09:41:29	0.0	0.0	0.0	0.0
087	10/19/2022 09:42:29	0.0	0.0	0.0	0.0
088	10/19/2022 09:43:29	0.0	0.0	0.0	0.0
089	10/19/2022 09:44:29	0.0	0.0	0.0	0.0
090	10/19/2022 09:45:29	0.0	0.0	0.0	0.0
091	10/19/2022 09:46:29	0.0	0.0	0.0	0.0
092	10/19/2022 09:47:29	0.0	0.0	0.0	0.0
093	10/19/2022 09:48:29	0.0	0.0	0.0	0.0
094	10/19/2022 09:49:29	0.0	0.0	0.0	0.0
095	10/19/2022 09:50:29	0.0	0.0	0.0	0.0
096	10/19/2022 09:51:29	0.0	0.0	0.0	0.0
097	10/19/2022 09:52:29	0.0	0.0	0.0	0.0
098	10/19/2022 09:53:29	0.0	0.0	0.0	0.0
099	10/19/2022 09:54:29	0.0	0.0	0.0	0.0
100	10/19/2022 09:55:29	0.0	0.0	0.0	0.0
101	10/19/2022 09:56:29	0.0	0.0	0.2	0.0
102	10/19/2022 09:57:29	0.0	0.0	0.0	0.0
103	10/19/2022 09:58:29	0.0	0.0	0.0	0.0
104	10/19/2022 09:59:29	0.0	0.0	0.0	0.0
105	10/19/2022 10:00:29	0.0	0.0	0.0	0.0
106	10/19/2022 10:01:29	0.0	0.0	0.0	0.0
107	10/19/2022 10:02:29	0.0	0.0	0.0	0.0
108	10/19/2022 10:03:29	0.0	0.0	0.0	0.0
109	10/19/2022 10:04:29	0.0	0.0	0.0	0.0
110	10/19/2022 10:05:29	0.0	0.0	0.0	0.0
111	10/19/2022 10:06:29	0.0	0.0	0.0	0.0
112	10/19/2022 10:07:29	0.0	0.0	0.0	0.0
113	10/19/2022 10:08:29	0.0	0.0	0.0	0.0
114	10/19/2022 10:09:29	0.0	0.0	0.0	0.0
115	10/19/2022 10:10:29	0.0	0.0	0.0	0.0
116	10/19/2022 10:11:29	0.0	0.0	0.0	0.0
117	10/19/2022 10:12:29	0.0	0.0	0.0	0.0
118	10/19/2022 10:13:29	0.0	0.0	0.0	0.0
119	10/19/2022 10:14:29	0.0	0.0	0.0	0.0
120	10/19/2022 10:15:29	0.0	0.0	0.0	0.0
121	10/19/2022 10:16:29	0.0	0.0	0.0	0.0
122	10/19/2022 10:17:29	0.0	0.0	0.0	0.0
123	10/19/2022 10:18:29	0.0	0.0	0.0	0.0
124	10/19/2022 10:19:29	0.0	0.0	0.0	0.0
125	10/19/2022 10:20:29	0.0	0.0	0.0	0.0
126	10/19/2022 10:21:29	0.0	0.0	0.0	0.0

127	10/19/2022 10:22:29	0.0	0.0	0.0	0.0
128	10/19/2022 10:23:29	0.0	0.0	0.0	0.0
129	10/19/2022 10:24:29	0.0	0.0	0.0	0.0
130	10/19/2022 10:25:29	0.0	0.0	0.0	0.0
131	10/19/2022 10:26:29	0.0	0.0	0.0	0.0
132	10/19/2022 10:27:29	0.0	0.0	0.0	0.0
133	10/19/2022 10:28:29	0.0	0.0	0.0	0.0
134	10/19/2022 10:29:29	0.0	0.0	0.0	0.0
135	10/19/2022 10:30:29	0.0	0.0	0.0	0.0
136	10/19/2022 10:31:29	0.0	0.0	0.0	0.0
137	10/19/2022 10:32:29	0.0	0.0	0.0	0.0
138	10/19/2022 10:33:29	0.0	0.0	0.0	0.0
139	10/19/2022 10:34:29	0.0	0.0	0.0	0.0
140	10/19/2022 10:35:29	0.0	0.0	0.0	0.0
141	10/19/2022 10:36:29	0.0	0.0	0.0	0.0
142	10/19/2022 10:37:29	0.0	0.0	0.0	0.0
143	10/19/2022 10:38:29	0.0	0.0	0.0	0.0
144	10/19/2022 10:39:29	0.0	0.0	0.0	0.0
145	10/19/2022 10:40:29	0.0	0.0	0.0	0.0
146	10/19/2022 10:41:29	0.0	0.0	0.0	0.0
147	10/19/2022 10:42:29	0.0	0.0	0.0	0.0
148	10/19/2022 10:43:29	0.0	0.0	0.0	0.0
149	10/19/2022 10:44:29	0.0	0.0	0.0	0.0
150	10/19/2022 10:45:29	0.0	0.0	0.0	0.0
151	10/19/2022 10:46:29	0.0	0.0	0.0	0.0
152	10/19/2022 10:47:29	0.0	0.0	0.0	0.0
153	10/19/2022 10:48:29	0.0	0.0	0.0	0.0
154	10/19/2022 10:49:29	0.0	0.0	0.0	0.0
155	10/19/2022 10:50:29	0.0	0.0	0.0	0.0
156	10/19/2022 10:51:29	0.0	0.0	0.0	0.0
157	10/19/2022 10:52:29	0.0	0.0	0.0	0.0
158	10/19/2022 10:53:29	0.0	0.0	0.0	0.0
159	10/19/2022 10:54:29	0.0	0.0	0.0	0.0
160	10/19/2022 10:55:29	0.0	0.0	0.0	0.0
161	10/19/2022 10:56:29	0.0	0.0	0.0	0.0
162	10/19/2022 10:57:29	0.0	0.0	0.0	0.0
163	10/19/2022 10:58:29	0.0	0.0	0.0	0.0
164	10/19/2022 10:59:29	0.0	0.0	0.0	0.0
165	10/19/2022 11:00:29	0.0	0.0	0.0	0.0
166	10/19/2022 11:01:29	0.0	0.0	0.0	0.0
167	10/19/2022 11:02:29	0.0	0.0	0.0	0.0
168	10/19/2022 11:03:29	0.0	0.0	0.0	0.0
169	10/19/2022 11:04:29	0.0	0.0	0.0	0.0
170	10/19/2022 11:05:29	0.0	0.0	0.0	0.0
171	10/19/2022 11:06:29	0.0	0.0	0.0	0.0
172	10/19/2022 11:07:29	0.0	0.0	0.0	0.0
173	10/19/2022 11:08:29	0.0	0.0	0.0	0.0
174	10/19/2022 11:09:29	0.0	0.0	0.0	0.0
175	10/19/2022 11:10:29	0.0	0.0	0.0	0.0
176	10/19/2022 11:11:29	0.0	0.0	0.0	0.0
177	10/19/2022 11:12:29	0.0	0.0	0.0	0.0
178	10/19/2022 11:13:29	0.0	0.0	0.0	0.0
179	10/19/2022 11:14:29	0.0	0.0	0.0	0.0
180	10/19/2022 11:15:29	0.0	0.0	0.0	0.0
181	10/19/2022 11:16:29	0.0	0.0	0.0	0.0
182	10/19/2022 11:17:29	0.0	0.0	0.0	0.0
183	10/19/2022 11:18:29	0.0	0.0	0.0	0.0
184	10/19/2022 11:19:29	0.0	0.0	0.0	0.0
185	10/19/2022 11:20:29	0.0	0.0	0.0	0.0
186	10/19/2022 11:21:29	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.2	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph


0.25
0.2
0.15
0.1
0.05
0
08:24:00
08:47:08
09:10:15
09:33:23
09:56:30
10:19:38
10:42:45
11:05:53
PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	10/19/2022 08:16:29	0.0	---
002	10/19/2022 08:17:29	0.0	---
003	10/19/2022 08:18:29	0.0	---
004	10/19/2022 08:19:29	0.0	---
005	10/19/2022 08:20:29	0.0	---
006	10/19/2022 08:21:29	0.0	---
007	10/19/2022 08:22:29	0.0	---
008	10/19/2022 08:23:29	0.0	---
009	10/19/2022 08:24:29	0.0	---
010	10/19/2022 08:25:29	0.0	---
011	10/19/2022 08:26:29	0.0	---
012	10/19/2022 08:27:29	0.0	---
013	10/19/2022 08:28:29	0.0	---
014	10/19/2022 08:29:29	0.0	---
015	10/19/2022 08:30:29	0.0	0.0
016	10/19/2022 08:31:29	0.0	0.0
017	10/19/2022 08:32:29	0.0	0.0
018	10/19/2022 08:33:29	0.0	0.0
019	10/19/2022 08:34:29	0.0	0.0
020	10/19/2022 08:35:29	0.0	0.0
021	10/19/2022 08:36:29	0.0	0.0
022	10/19/2022 08:37:29	0.0	0.0
023	10/19/2022 08:38:29	0.0	0.0
024	10/19/2022 08:39:29	0.0	0.0
025	10/19/2022 08:40:29	0.0	0.0
026	10/19/2022 08:41:29	0.0	0.0
027	10/19/2022 08:42:29	0.0	0.0
028	10/19/2022 08:43:29	0.0	0.0
029	10/19/2022 08:44:29	0.0	0.0
030	10/19/2022 08:45:29	0.0	0.0
031	10/19/2022 08:46:29	0.0	0.0
032	10/19/2022 08:47:29	0.0	0.0
033	10/19/2022 08:48:29	0.0	0.0
034	10/19/2022 08:49:29	0.0	0.0
035	10/19/2022 08:50:29	0.0	0.0
036	10/19/2022 08:51:29	0.0	0.0
037	10/19/2022 08:52:29	0.0	0.0
038	10/19/2022 08:53:29	0.0	0.0
039	10/19/2022 08:54:29	0.0	0.0
040	10/19/2022 08:55:29	0.0	0.0
041	10/19/2022 08:56:29	0.0	0.0
042	10/19/2022 08:57:29	0.0	0.0
043	10/19/2022 08:58:29	0.0	0.0
044	10/19/2022 08:59:29	0.0	0.0
045	10/19/2022 09:00:29	0.0	0.0
046	10/19/2022 09:01:29	0.0	0.0
047	10/19/2022 09:02:29	0.0	0.0
048	10/19/2022 09:03:29	0.0	0.0
049	10/19/2022 09:04:29	0.0	0.0
050	10/19/2022 09:05:29	0.0	0.0
051	10/19/2022 09:06:29	0.0	0.0
052	10/19/2022 09:07:29	0.0	0.0
053	10/19/2022 09:08:29	0.0	0.0
054	10/19/2022 09:09:29	0.0	0.0
055	10/19/2022 09:10:29	0.0	0.0
056	10/19/2022 09:11:29	0.0	0.0
057	10/19/2022 09:12:29	0.0	0.0
058	10/19/2022 09:13:29	0.0	0.0
059	10/19/2022 09:14:29	0.0	0.0
060	10/19/2022 09:15:29	0.0	0.0
061	10/19/2022 09:16:29	0.0	0.0

062	10/19/2022 09:17:29	0.0	0.0
063	10/19/2022 09:18:29	0.0	0.0
064	10/19/2022 09:19:29	0.0	0.0
065	10/19/2022 09:20:29	0.0	0.0
066	10/19/2022 09:21:29	0.0	0.0
067	10/19/2022 09:22:29	0.0	0.0
068	10/19/2022 09:23:29	0.0	0.0
069	10/19/2022 09:24:29	0.0	0.0
070	10/19/2022 09:25:29	0.0	0.0
071	10/19/2022 09:26:29	0.0	0.0
072	10/19/2022 09:27:29	0.0	0.0
073	10/19/2022 09:28:29	0.0	0.0
074	10/19/2022 09:29:29	0.0	0.0
075	10/19/2022 09:30:29	0.0	0.0
076	10/19/2022 09:31:29	0.0	0.0
077	10/19/2022 09:32:29	0.0	0.0
078	10/19/2022 09:33:29	0.0	0.0
079	10/19/2022 09:34:29	0.0	0.0
080	10/19/2022 09:35:29	0.0	0.0
081	10/19/2022 09:36:29	0.0	0.0
082	10/19/2022 09:37:29	0.0	0.0
083	10/19/2022 09:38:29	0.0	0.0
084	10/19/2022 09:39:29	0.0	0.0
085	10/19/2022 09:40:29	0.0	0.0
086	10/19/2022 09:41:29	0.0	0.0
087	10/19/2022 09:42:29	0.0	0.0
088	10/19/2022 09:43:29	0.0	0.0
089	10/19/2022 09:44:29	0.0	0.0
090	10/19/2022 09:45:29	0.0	0.0
091	10/19/2022 09:46:29	0.0	0.0
092	10/19/2022 09:47:29	0.0	0.0
093	10/19/2022 09:48:29	0.0	0.0
094	10/19/2022 09:49:29	0.0	0.0
095	10/19/2022 09:50:29	0.0	0.0
096	10/19/2022 09:51:29	0.0	0.0
097	10/19/2022 09:52:29	0.0	0.0
098	10/19/2022 09:53:29	0.0	0.0
099	10/19/2022 09:54:29	0.0	0.0
100	10/19/2022 09:55:29	0.0	0.0
101	10/19/2022 09:56:29	0.0	0.0
102	10/19/2022 09:57:29	0.0	0.0
103	10/19/2022 09:58:29	0.0	0.0
104	10/19/2022 09:59:29	0.0	0.0
105	10/19/2022 10:00:29	0.0	0.0
106	10/19/2022 10:01:29	0.0	0.0
107	10/19/2022 10:02:29	0.0	0.0
108	10/19/2022 10:03:29	0.0	0.0
109	10/19/2022 10:04:29	0.0	0.0
110	10/19/2022 10:05:29	0.0	0.0
111	10/19/2022 10:06:29	0.0	0.0
112	10/19/2022 10:07:29	0.0	0.0
113	10/19/2022 10:08:29	0.0	0.0
114	10/19/2022 10:09:29	0.0	0.0
115	10/19/2022 10:10:29	0.0	0.0
116	10/19/2022 10:11:29	0.0	0.0
117	10/19/2022 10:12:29	0.0	0.0
118	10/19/2022 10:13:29	0.0	0.0
119	10/19/2022 10:14:29	0.0	0.0
120	10/19/2022 10:15:29	0.0	0.0
121	10/19/2022 10:16:29	0.0	0.0
122	10/19/2022 10:17:29	0.0	0.0
123	10/19/2022 10:18:29	0.0	0.0
124	10/19/2022 10:19:29	0.0	0.0
125	10/19/2022 10:20:29	0.0	0.0
126	10/19/2022 10:21:29	0.0	0.0

127	10/19/2022 10:22:29	0.0	0.0
128	10/19/2022 10:23:29	0.0	0.0
129	10/19/2022 10:24:29	0.0	0.0
130	10/19/2022 10:25:29	0.0	0.0
131	10/19/2022 10:26:29	0.0	0.0
132	10/19/2022 10:27:29	0.0	0.0
133	10/19/2022 10:28:29	0.0	0.0
134	10/19/2022 10:29:29	0.0	0.0
135	10/19/2022 10:30:29	0.0	0.0
136	10/19/2022 10:31:29	0.0	0.0
137	10/19/2022 10:32:29	0.0	0.0
138	10/19/2022 10:33:29	0.0	0.0
139	10/19/2022 10:34:29	0.0	0.0
140	10/19/2022 10:35:29	0.0	0.0
141	10/19/2022 10:36:29	0.0	0.0
142	10/19/2022 10:37:29	0.0	0.0
143	10/19/2022 10:38:29	0.0	0.0
144	10/19/2022 10:39:29	0.0	0.0
145	10/19/2022 10:40:29	0.0	0.0
146	10/19/2022 10:41:29	0.0	0.0
147	10/19/2022 10:42:29	0.0	0.0
148	10/19/2022 10:43:29	0.0	0.0
149	10/19/2022 10:44:29	0.0	0.0
150	10/19/2022 10:45:29	0.0	0.0
151	10/19/2022 10:46:29	0.0	0.0
152	10/19/2022 10:47:29	0.0	0.0
153	10/19/2022 10:48:29	0.0	0.0
154	10/19/2022 10:49:29	0.0	0.0
155	10/19/2022 10:50:29	0.0	0.0
156	10/19/2022 10:51:29	0.0	0.0
157	10/19/2022 10:52:29	0.0	0.0
158	10/19/2022 10:53:29	0.0	0.0
159	10/19/2022 10:54:29	0.0	0.0
160	10/19/2022 10:55:29	0.0	0.0
161	10/19/2022 10:56:29	0.0	0.0
162	10/19/2022 10:57:29	0.0	0.0
163	10/19/2022 10:58:29	0.0	0.0
164	10/19/2022 10:59:29	0.0	0.0
165	10/19/2022 11:00:29	0.0	0.0
166	10/19/2022 11:01:29	0.0	0.0
167	10/19/2022 11:02:29	0.0	0.0
168	10/19/2022 11:03:29	0.0	0.0
169	10/19/2022 11:04:29	0.0	0.0
170	10/19/2022 11:05:29	0.0	0.0
171	10/19/2022 11:06:29	0.0	0.0
172	10/19/2022 11:07:29	0.0	0.0
173	10/19/2022 11:08:29	0.0	0.0
174	10/19/2022 11:09:29	0.0	0.0
175	10/19/2022 11:10:29	0.0	0.0
176	10/19/2022 11:11:29	0.0	0.0
177	10/19/2022 11:12:29	0.0	0.0
178	10/19/2022 11:13:29	0.0	0.0
179	10/19/2022 11:14:29	0.0	0.0
180	10/19/2022 11:15:29	0.0	0.0
181	10/19/2022 11:16:29	0.0	0.0
182	10/19/2022 11:17:29	0.0	0.0
183	10/19/2022 11:18:29	0.0	0.0
184	10/19/2022 11:19:29	0.0	0.0
185	10/19/2022 11:20:29	0.0	0.0
186	10/19/2022 11:21:29	0.0	0.0

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530171404
Firmware Version	3.1
Calibration Date	2/21/2022
Test Name	MANUAL_005
Test Start Time	8:11:24 AM
Test Start Date	10/19/2022
Test Length [D:H:M]	0:03:00
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.027
Mass Minimum [mg/m3]	0.011
Mass Maximum [mg/m3]	0.053
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	36

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.053		
600	0.028		
900	0.029		
1200	0.026		
1500	0.026		
1800	0.035		
2100	0.033		
2400	0.043		
2700	0.042		
3000	0.034		
3300	0.034		
3600	0.033		
3900	0.018		
4200	0.031		
4500	0.028		
4800	0.022		
5100	0.024		
5400	0.029		
5700	0.031		
6000	0.019		
6300	0.032		
6600	0.032		
6900	0.033		
7200	0.034		
7500	0.023		
7800	0.019		
8100	0.025		

8400	0.021
8700	0.014
9000	0.017
9300	0.011
9600	0.021
9900	0.013
10200	0.018
10500	0.019
10800	0.014

Datalog

Current Event:22/10/19 08:15

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-927732
Unit Firmware Ver	V2.20A
Running Mode	Hygiene Mode
Datalog Mode	Manual
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	10/19/2022 08:15:26
End	10/19/2022 11:21:47
Sample Period(s)	60
Number of Records	186
Sensor	PID(ppm)
Sensor SN	S023030308W4
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	10/7/2022 10:02
Peak	0.1
Min	0.0
Average	0.0

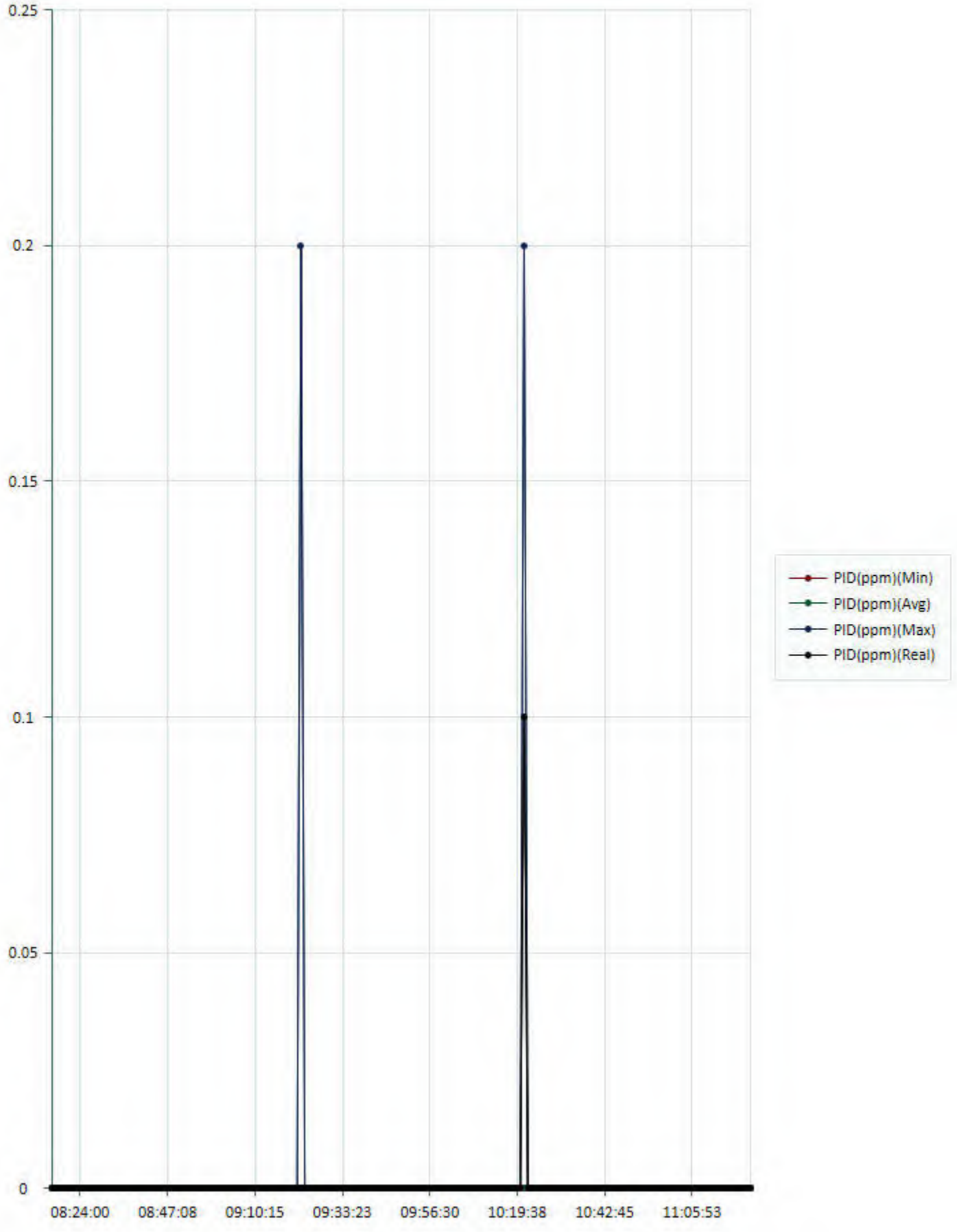
Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	10/19/2022 08:16:26	0.0	0.0	0.0	0.0
002	10/19/2022 08:17:26	0.0	0.0	0.0	0.0
003	10/19/2022 08:18:26	0.0	0.0	0.0	0.0
004	10/19/2022 08:19:26	0.0	0.0	0.0	0.0
005	10/19/2022 08:20:26	0.0	0.0	0.0	0.0
006	10/19/2022 08:21:26	0.0	0.0	0.0	0.0
007	10/19/2022 08:22:26	0.0	0.0	0.0	0.0
008	10/19/2022 08:23:26	0.0	0.0	0.0	0.0
009	10/19/2022 08:24:26	0.0	0.0	0.0	0.0
010	10/19/2022 08:25:26	0.0	0.0	0.0	0.0
011	10/19/2022 08:26:26	0.0	0.0	0.0	0.0
012	10/19/2022 08:27:26	0.0	0.0	0.0	0.0
013	10/19/2022 08:28:26	0.0	0.0	0.0	0.0
014	10/19/2022 08:29:26	0.0	0.0	0.0	0.0
015	10/19/2022 08:30:26	0.0	0.0	0.0	0.0
016	10/19/2022 08:31:26	0.0	0.0	0.0	0.0
017	10/19/2022 08:32:26	0.0	0.0	0.0	0.0
018	10/19/2022 08:33:26	0.0	0.0	0.0	0.0
019	10/19/2022 08:34:26	0.0	0.0	0.0	0.0
020	10/19/2022 08:35:26	0.0	0.0	0.0	0.0
021	10/19/2022 08:36:26	0.0	0.0	0.0	0.0
022	10/19/2022 08:37:26	0.0	0.0	0.0	0.0
023	10/19/2022 08:38:26	0.0	0.0	0.0	0.0
024	10/19/2022 08:39:26	0.0	0.0	0.0	0.0
025	10/19/2022 08:40:26	0.0	0.0	0.0	0.0
026	10/19/2022 08:41:26	0.0	0.0	0.0	0.0
027	10/19/2022 08:42:26	0.0	0.0	0.0	0.0
028	10/19/2022 08:43:26	0.0	0.0	0.0	0.0
029	10/19/2022 08:44:26	0.0	0.0	0.0	0.0
030	10/19/2022 08:45:26	0.0	0.0	0.0	0.0
031	10/19/2022 08:46:26	0.0	0.0	0.0	0.0
032	10/19/2022 08:47:26	0.0	0.0	0.0	0.0
033	10/19/2022 08:48:26	0.0	0.0	0.0	0.0
034	10/19/2022 08:49:26	0.0	0.0	0.0	0.0
035	10/19/2022 08:50:26	0.0	0.0	0.0	0.0
036	10/19/2022 08:51:26	0.0	0.0	0.0	0.0
037	10/19/2022 08:52:26	0.0	0.0	0.0	0.0
038	10/19/2022 08:53:26	0.0	0.0	0.0	0.0
039	10/19/2022 08:54:26	0.0	0.0	0.0	0.0
040	10/19/2022 08:55:26	0.0	0.0	0.0	0.0
041	10/19/2022 08:56:26	0.0	0.0	0.0	0.0
042	10/19/2022 08:57:26	0.0	0.0	0.0	0.0
043	10/19/2022 08:58:26	0.0	0.0	0.0	0.0
044	10/19/2022 08:59:26	0.0	0.0	0.0	0.0
045	10/19/2022 09:00:26	0.0	0.0	0.0	0.0
046	10/19/2022 09:01:26	0.0	0.0	0.0	0.0
047	10/19/2022 09:02:26	0.0	0.0	0.0	0.0
048	10/19/2022 09:03:26	0.0	0.0	0.0	0.0
049	10/19/2022 09:04:26	0.0	0.0	0.0	0.0
050	10/19/2022 09:05:26	0.0	0.0	0.0	0.0
051	10/19/2022 09:06:26	0.0	0.0	0.0	0.0
052	10/19/2022 09:07:26	0.0	0.0	0.0	0.0
053	10/19/2022 09:08:26	0.0	0.0	0.0	0.0
054	10/19/2022 09:09:26	0.0	0.0	0.0	0.0
055	10/19/2022 09:10:26	0.0	0.0	0.0	0.0
056	10/19/2022 09:11:26	0.0	0.0	0.0	0.0
057	10/19/2022 09:12:26	0.0	0.0	0.0	0.0
058	10/19/2022 09:13:26	0.0	0.0	0.0	0.0
059	10/19/2022 09:14:26	0.0	0.0	0.0	0.0
060	10/19/2022 09:15:26	0.0	0.0	0.0	0.0
061	10/19/2022 09:16:26	0.0	0.0	0.0	0.0

062	10/19/2022 09:17:26	0.0	0.0	0.0	0.0
063	10/19/2022 09:18:26	0.0	0.0	0.0	0.0
064	10/19/2022 09:19:26	0.0	0.0	0.0	0.0
065	10/19/2022 09:20:26	0.0	0.0	0.0	0.0
066	10/19/2022 09:21:26	0.0	0.0	0.0	0.0
067	10/19/2022 09:22:26	0.0	0.0	0.2	0.0
068	10/19/2022 09:23:26	0.0	0.0	0.0	0.0
069	10/19/2022 09:24:26	0.0	0.0	0.0	0.0
070	10/19/2022 09:25:26	0.0	0.0	0.0	0.0
071	10/19/2022 09:26:26	0.0	0.0	0.0	0.0
072	10/19/2022 09:27:26	0.0	0.0	0.0	0.0
073	10/19/2022 09:28:26	0.0	0.0	0.0	0.0
074	10/19/2022 09:29:26	0.0	0.0	0.0	0.0
075	10/19/2022 09:30:26	0.0	0.0	0.0	0.0
076	10/19/2022 09:31:26	0.0	0.0	0.0	0.0
077	10/19/2022 09:32:26	0.0	0.0	0.0	0.0
078	10/19/2022 09:33:26	0.0	0.0	0.0	0.0
079	10/19/2022 09:34:26	0.0	0.0	0.0	0.0
080	10/19/2022 09:35:26	0.0	0.0	0.0	0.0
081	10/19/2022 09:36:26	0.0	0.0	0.0	0.0
082	10/19/2022 09:37:26	0.0	0.0	0.0	0.0
083	10/19/2022 09:38:26	0.0	0.0	0.0	0.0
084	10/19/2022 09:39:26	0.0	0.0	0.0	0.0
085	10/19/2022 09:40:26	0.0	0.0	0.0	0.0
086	10/19/2022 09:41:26	0.0	0.0	0.0	0.0
087	10/19/2022 09:42:26	0.0	0.0	0.0	0.0
088	10/19/2022 09:43:26	0.0	0.0	0.0	0.0
089	10/19/2022 09:44:26	0.0	0.0	0.0	0.0
090	10/19/2022 09:45:26	0.0	0.0	0.0	0.0
091	10/19/2022 09:46:26	0.0	0.0	0.0	0.0
092	10/19/2022 09:47:26	0.0	0.0	0.0	0.0
093	10/19/2022 09:48:26	0.0	0.0	0.0	0.0
094	10/19/2022 09:49:26	0.0	0.0	0.0	0.0
095	10/19/2022 09:50:26	0.0	0.0	0.0	0.0
096	10/19/2022 09:51:26	0.0	0.0	0.0	0.0
097	10/19/2022 09:52:26	0.0	0.0	0.0	0.0
098	10/19/2022 09:53:26	0.0	0.0	0.0	0.0
099	10/19/2022 09:54:26	0.0	0.0	0.0	0.0
100	10/19/2022 09:55:26	0.0	0.0	0.0	0.0
101	10/19/2022 09:56:26	0.0	0.0	0.0	0.0
102	10/19/2022 09:57:26	0.0	0.0	0.0	0.0
103	10/19/2022 09:58:26	0.0	0.0	0.0	0.0
104	10/19/2022 09:59:26	0.0	0.0	0.0	0.0
105	10/19/2022 10:00:26	0.0	0.0	0.0	0.0
106	10/19/2022 10:01:26	0.0	0.0	0.0	0.0
107	10/19/2022 10:02:26	0.0	0.0	0.0	0.0
108	10/19/2022 10:03:26	0.0	0.0	0.0	0.0
109	10/19/2022 10:04:26	0.0	0.0	0.0	0.0
110	10/19/2022 10:05:26	0.0	0.0	0.0	0.0
111	10/19/2022 10:06:26	0.0	0.0	0.0	0.0
112	10/19/2022 10:07:26	0.0	0.0	0.0	0.0
113	10/19/2022 10:08:26	0.0	0.0	0.0	0.0
114	10/19/2022 10:09:26	0.0	0.0	0.0	0.0
115	10/19/2022 10:10:26	0.0	0.0	0.0	0.0
116	10/19/2022 10:11:26	0.0	0.0	0.0	0.0
117	10/19/2022 10:12:26	0.0	0.0	0.0	0.0
118	10/19/2022 10:13:26	0.0	0.0	0.0	0.0
119	10/19/2022 10:14:26	0.0	0.0	0.0	0.0
120	10/19/2022 10:15:26	0.0	0.0	0.0	0.0
121	10/19/2022 10:16:26	0.0	0.0	0.0	0.0
122	10/19/2022 10:17:26	0.0	0.0	0.0	0.0
123	10/19/2022 10:18:26	0.0	0.0	0.0	0.0
124	10/19/2022 10:19:26	0.0	0.0	0.0	0.0
125	10/19/2022 10:20:26	0.0	0.0	0.0	0.0
126	10/19/2022 10:21:26	0.0	0.0	0.2	0.1

127	10/19/2022 10:22:26	0.0	0.0	0.0	0.0
128	10/19/2022 10:23:26	0.0	0.0	0.0	0.0
129	10/19/2022 10:24:26	0.0	0.0	0.0	0.0
130	10/19/2022 10:25:26	0.0	0.0	0.0	0.0
131	10/19/2022 10:26:26	0.0	0.0	0.0	0.0
132	10/19/2022 10:27:26	0.0	0.0	0.0	0.0
133	10/19/2022 10:28:26	0.0	0.0	0.0	0.0
134	10/19/2022 10:29:26	0.0	0.0	0.0	0.0
135	10/19/2022 10:30:26	0.0	0.0	0.0	0.0
136	10/19/2022 10:31:26	0.0	0.0	0.0	0.0
137	10/19/2022 10:32:26	0.0	0.0	0.0	0.0
138	10/19/2022 10:33:26	0.0	0.0	0.0	0.0
139	10/19/2022 10:34:26	0.0	0.0	0.0	0.0
140	10/19/2022 10:35:26	0.0	0.0	0.0	0.0
141	10/19/2022 10:36:26	0.0	0.0	0.0	0.0
142	10/19/2022 10:37:26	0.0	0.0	0.0	0.0
143	10/19/2022 10:38:26	0.0	0.0	0.0	0.0
144	10/19/2022 10:39:26	0.0	0.0	0.0	0.0
145	10/19/2022 10:40:26	0.0	0.0	0.0	0.0
146	10/19/2022 10:41:26	0.0	0.0	0.0	0.0
147	10/19/2022 10:42:26	0.0	0.0	0.0	0.0
148	10/19/2022 10:43:26	0.0	0.0	0.0	0.0
149	10/19/2022 10:44:26	0.0	0.0	0.0	0.0
150	10/19/2022 10:45:26	0.0	0.0	0.0	0.0
151	10/19/2022 10:46:26	0.0	0.0	0.0	0.0
152	10/19/2022 10:47:26	0.0	0.0	0.0	0.0
153	10/19/2022 10:48:26	0.0	0.0	0.0	0.0
154	10/19/2022 10:49:26	0.0	0.0	0.0	0.0
155	10/19/2022 10:50:26	0.0	0.0	0.0	0.0
156	10/19/2022 10:51:26	0.0	0.0	0.0	0.0
157	10/19/2022 10:52:26	0.0	0.0	0.0	0.0
158	10/19/2022 10:53:26	0.0	0.0	0.0	0.0
159	10/19/2022 10:54:26	0.0	0.0	0.0	0.0
160	10/19/2022 10:55:26	0.0	0.0	0.0	0.0
161	10/19/2022 10:56:26	0.0	0.0	0.0	0.0
162	10/19/2022 10:57:26	0.0	0.0	0.0	0.0
163	10/19/2022 10:58:26	0.0	0.0	0.0	0.0
164	10/19/2022 10:59:26	0.0	0.0	0.0	0.0
165	10/19/2022 11:00:26	0.0	0.0	0.0	0.0
166	10/19/2022 11:01:26	0.0	0.0	0.0	0.0
167	10/19/2022 11:02:26	0.0	0.0	0.0	0.0
168	10/19/2022 11:03:26	0.0	0.0	0.0	0.0
169	10/19/2022 11:04:26	0.0	0.0	0.0	0.0
170	10/19/2022 11:05:26	0.0	0.0	0.0	0.0
171	10/19/2022 11:06:26	0.0	0.0	0.0	0.0
172	10/19/2022 11:07:26	0.0	0.0	0.0	0.0
173	10/19/2022 11:08:26	0.0	0.0	0.0	0.0
174	10/19/2022 11:09:26	0.0	0.0	0.0	0.0
175	10/19/2022 11:10:26	0.0	0.0	0.0	0.0
176	10/19/2022 11:11:26	0.0	0.0	0.0	0.0
177	10/19/2022 11:12:26	0.0	0.0	0.0	0.0
178	10/19/2022 11:13:26	0.0	0.0	0.0	0.0
179	10/19/2022 11:14:26	0.0	0.0	0.0	0.0
180	10/19/2022 11:15:26	0.0	0.0	0.0	0.0
181	10/19/2022 11:16:26	0.0	0.0	0.0	0.0
182	10/19/2022 11:17:26	0.0	0.0	0.0	0.0
183	10/19/2022 11:18:26	0.0	0.0	0.0	0.0
184	10/19/2022 11:19:26	0.0	0.0	0.0	0.0
185	10/19/2022 11:20:26	0.0	0.0	0.0	0.0
186	10/19/2022 11:21:26	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.2	0.1
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph


0.25
0.2
0.15
0.1
0.05
0
08:24:00
08:47:08
09:10:15
09:33:23
09:56:30
10:19:38
10:42:45
11:05:53
PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	10/19/2022 08:16:26	0.0	---
002	10/19/2022 08:17:26	0.0	---
003	10/19/2022 08:18:26	0.0	---
004	10/19/2022 08:19:26	0.0	---
005	10/19/2022 08:20:26	0.0	---
006	10/19/2022 08:21:26	0.0	---
007	10/19/2022 08:22:26	0.0	---
008	10/19/2022 08:23:26	0.0	---
009	10/19/2022 08:24:26	0.0	---
010	10/19/2022 08:25:26	0.0	---
011	10/19/2022 08:26:26	0.0	---
012	10/19/2022 08:27:26	0.0	---
013	10/19/2022 08:28:26	0.0	---
014	10/19/2022 08:29:26	0.0	---
015	10/19/2022 08:30:26	0.0	0.0
016	10/19/2022 08:31:26	0.0	0.0
017	10/19/2022 08:32:26	0.0	0.0
018	10/19/2022 08:33:26	0.0	0.0
019	10/19/2022 08:34:26	0.0	0.0
020	10/19/2022 08:35:26	0.0	0.0
021	10/19/2022 08:36:26	0.0	0.0
022	10/19/2022 08:37:26	0.0	0.0
023	10/19/2022 08:38:26	0.0	0.0
024	10/19/2022 08:39:26	0.0	0.0
025	10/19/2022 08:40:26	0.0	0.0
026	10/19/2022 08:41:26	0.0	0.0
027	10/19/2022 08:42:26	0.0	0.0
028	10/19/2022 08:43:26	0.0	0.0
029	10/19/2022 08:44:26	0.0	0.0
030	10/19/2022 08:45:26	0.0	0.0
031	10/19/2022 08:46:26	0.0	0.0
032	10/19/2022 08:47:26	0.0	0.0
033	10/19/2022 08:48:26	0.0	0.0
034	10/19/2022 08:49:26	0.0	0.0
035	10/19/2022 08:50:26	0.0	0.0
036	10/19/2022 08:51:26	0.0	0.0
037	10/19/2022 08:52:26	0.0	0.0
038	10/19/2022 08:53:26	0.0	0.0
039	10/19/2022 08:54:26	0.0	0.0
040	10/19/2022 08:55:26	0.0	0.0
041	10/19/2022 08:56:26	0.0	0.0
042	10/19/2022 08:57:26	0.0	0.0
043	10/19/2022 08:58:26	0.0	0.0
044	10/19/2022 08:59:26	0.0	0.0
045	10/19/2022 09:00:26	0.0	0.0
046	10/19/2022 09:01:26	0.0	0.0
047	10/19/2022 09:02:26	0.0	0.0
048	10/19/2022 09:03:26	0.0	0.0
049	10/19/2022 09:04:26	0.0	0.0
050	10/19/2022 09:05:26	0.0	0.0
051	10/19/2022 09:06:26	0.0	0.0
052	10/19/2022 09:07:26	0.0	0.0
053	10/19/2022 09:08:26	0.0	0.0
054	10/19/2022 09:09:26	0.0	0.0
055	10/19/2022 09:10:26	0.0	0.0
056	10/19/2022 09:11:26	0.0	0.0
057	10/19/2022 09:12:26	0.0	0.0
058	10/19/2022 09:13:26	0.0	0.0
059	10/19/2022 09:14:26	0.0	0.0
060	10/19/2022 09:15:26	0.0	0.0
061	10/19/2022 09:16:26	0.0	0.0

062	10/19/2022 09:17:26	0.0	0.0
063	10/19/2022 09:18:26	0.0	0.0
064	10/19/2022 09:19:26	0.0	0.0
065	10/19/2022 09:20:26	0.0	0.0
066	10/19/2022 09:21:26	0.0	0.0
067	10/19/2022 09:22:26	0.0	0.0
068	10/19/2022 09:23:26	0.0	0.0
069	10/19/2022 09:24:26	0.0	0.0
070	10/19/2022 09:25:26	0.0	0.0
071	10/19/2022 09:26:26	0.0	0.0
072	10/19/2022 09:27:26	0.0	0.0
073	10/19/2022 09:28:26	0.0	0.0
074	10/19/2022 09:29:26	0.0	0.0
075	10/19/2022 09:30:26	0.0	0.0
076	10/19/2022 09:31:26	0.0	0.0
077	10/19/2022 09:32:26	0.0	0.0
078	10/19/2022 09:33:26	0.0	0.0
079	10/19/2022 09:34:26	0.0	0.0
080	10/19/2022 09:35:26	0.0	0.0
081	10/19/2022 09:36:26	0.0	0.0
082	10/19/2022 09:37:26	0.0	0.0
083	10/19/2022 09:38:26	0.0	0.0
084	10/19/2022 09:39:26	0.0	0.0
085	10/19/2022 09:40:26	0.0	0.0
086	10/19/2022 09:41:26	0.0	0.0
087	10/19/2022 09:42:26	0.0	0.0
088	10/19/2022 09:43:26	0.0	0.0
089	10/19/2022 09:44:26	0.0	0.0
090	10/19/2022 09:45:26	0.0	0.0
091	10/19/2022 09:46:26	0.0	0.0
092	10/19/2022 09:47:26	0.0	0.0
093	10/19/2022 09:48:26	0.0	0.0
094	10/19/2022 09:49:26	0.0	0.0
095	10/19/2022 09:50:26	0.0	0.0
096	10/19/2022 09:51:26	0.0	0.0
097	10/19/2022 09:52:26	0.0	0.0
098	10/19/2022 09:53:26	0.0	0.0
099	10/19/2022 09:54:26	0.0	0.0
100	10/19/2022 09:55:26	0.0	0.0
101	10/19/2022 09:56:26	0.0	0.0
102	10/19/2022 09:57:26	0.0	0.0
103	10/19/2022 09:58:26	0.0	0.0
104	10/19/2022 09:59:26	0.0	0.0
105	10/19/2022 10:00:26	0.0	0.0
106	10/19/2022 10:01:26	0.0	0.0
107	10/19/2022 10:02:26	0.0	0.0
108	10/19/2022 10:03:26	0.0	0.0
109	10/19/2022 10:04:26	0.0	0.0
110	10/19/2022 10:05:26	0.0	0.0
111	10/19/2022 10:06:26	0.0	0.0
112	10/19/2022 10:07:26	0.0	0.0
113	10/19/2022 10:08:26	0.0	0.0
114	10/19/2022 10:09:26	0.0	0.0
115	10/19/2022 10:10:26	0.0	0.0
116	10/19/2022 10:11:26	0.0	0.0
117	10/19/2022 10:12:26	0.0	0.0
118	10/19/2022 10:13:26	0.0	0.0
119	10/19/2022 10:14:26	0.0	0.0
120	10/19/2022 10:15:26	0.0	0.0
121	10/19/2022 10:16:26	0.0	0.0
122	10/19/2022 10:17:26	0.0	0.0
123	10/19/2022 10:18:26	0.0	0.0
124	10/19/2022 10:19:26	0.0	0.0
125	10/19/2022 10:20:26	0.0	0.0
126	10/19/2022 10:21:26	0.0	0.0

127	10/19/2022 10:22:26	0.0	0.0
128	10/19/2022 10:23:26	0.0	0.0
129	10/19/2022 10:24:26	0.0	0.0
130	10/19/2022 10:25:26	0.0	0.0
131	10/19/2022 10:26:26	0.0	0.0
132	10/19/2022 10:27:26	0.0	0.0
133	10/19/2022 10:28:26	0.0	0.0
134	10/19/2022 10:29:26	0.0	0.0
135	10/19/2022 10:30:26	0.0	0.0
136	10/19/2022 10:31:26	0.0	0.0
137	10/19/2022 10:32:26	0.0	0.0
138	10/19/2022 10:33:26	0.0	0.0
139	10/19/2022 10:34:26	0.0	0.0
140	10/19/2022 10:35:26	0.0	0.0
141	10/19/2022 10:36:26	0.0	0.0
142	10/19/2022 10:37:26	0.0	0.0
143	10/19/2022 10:38:26	0.0	0.0
144	10/19/2022 10:39:26	0.0	0.0
145	10/19/2022 10:40:26	0.0	0.0
146	10/19/2022 10:41:26	0.0	0.0
147	10/19/2022 10:42:26	0.0	0.0
148	10/19/2022 10:43:26	0.0	0.0
149	10/19/2022 10:44:26	0.0	0.0
150	10/19/2022 10:45:26	0.0	0.0
151	10/19/2022 10:46:26	0.0	0.0
152	10/19/2022 10:47:26	0.0	0.0
153	10/19/2022 10:48:26	0.0	0.0
154	10/19/2022 10:49:26	0.0	0.0
155	10/19/2022 10:50:26	0.0	0.0
156	10/19/2022 10:51:26	0.0	0.0
157	10/19/2022 10:52:26	0.0	0.0
158	10/19/2022 10:53:26	0.0	0.0
159	10/19/2022 10:54:26	0.0	0.0
160	10/19/2022 10:55:26	0.0	0.0
161	10/19/2022 10:56:26	0.0	0.0
162	10/19/2022 10:57:26	0.0	0.0
163	10/19/2022 10:58:26	0.0	0.0
164	10/19/2022 10:59:26	0.0	0.0
165	10/19/2022 11:00:26	0.0	0.0
166	10/19/2022 11:01:26	0.0	0.0
167	10/19/2022 11:02:26	0.0	0.0
168	10/19/2022 11:03:26	0.0	0.0
169	10/19/2022 11:04:26	0.0	0.0
170	10/19/2022 11:05:26	0.0	0.0
171	10/19/2022 11:06:26	0.0	0.0
172	10/19/2022 11:07:26	0.0	0.0
173	10/19/2022 11:08:26	0.0	0.0
174	10/19/2022 11:09:26	0.0	0.0
175	10/19/2022 11:10:26	0.0	0.0
176	10/19/2022 11:11:26	0.0	0.0
177	10/19/2022 11:12:26	0.0	0.0
178	10/19/2022 11:13:26	0.0	0.0
179	10/19/2022 11:14:26	0.0	0.0
180	10/19/2022 11:15:26	0.0	0.0
181	10/19/2022 11:16:26	0.0	0.0
182	10/19/2022 11:17:26	0.0	0.0
183	10/19/2022 11:18:26	0.0	0.0
184	10/19/2022 11:19:26	0.0	0.0
185	10/19/2022 11:20:26	0.0	0.0
186	10/19/2022 11:21:26	0.0	0.0

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530173314
Firmware Version	3.1
Calibration Date	8/23/2022
Test Name	MANUAL_005
Test Start Time	8:12:07 AM
Test Start Date	10/19/2022
Test Length [D:H:M]	0:03:05
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.051
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	37

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.036		
600	0.043		
900	0.035		
1200	0.029		
1500	0.041		
1800	0.033		
2100	0.027		
2400	0.025		
2700	0.035		
3000	0.051		
3300	0.039		
3600	0.05		
3900	0.047		
4200	0.019		
4500	0.019		
4800	0.018		
5100	0.018		
5400	0.018		
5700	0.02		
6000	0.016		
6300	0.015		
6600	0.017		
6900	0.03		
7200	0.018		
7500	0.018		
7800	0.017		
8100	0.016		

8400	0.014
8700	0.015
9000	0.017
9300	0.016
9600	0.014
9900	0.013
10200	0.014
10500	0.018
10800	0.016
11100	0.012

HRP
MOVE YOUR ENVIRONMENT FORWARD

Community Air Monitoring Program Report

Project Name: 473 President Street

Date: 1/16/23

Weather: 30's overcast

Personnel: SD

Time	Upwind		Downwind		Work Zone	
	PID (ppm)	Particulates (mg/m^3)	PID (ppm)	Particulates (mg/m^3)	PID (ppm)	Particulates (mg/m^3)
10:40	0.0	0.01	0.0	0.07	0.1	
11:40	0.0	0.014	0.0	0.024	0.0	
12:40	0.0	0.016	0.0	0.022	0.1	

Notes:

HRP
MOVE YOUR ENVIRONMENT FORWARD

Community Air Monitoring Program Report

Project Name: 473 President Street **Date:** 1/17/23

Weather: **Personnel:** SD

Time	Upwind		Downwind		Work Zone	
	PID (ppm)	Particulates (mg/m³)	PID (ppm)	Particulates (mg/m³)	PID (ppm)	Particulates (mg/m³)
8:00	0.0	0.01	0.0	0.01	0.0	
~~9:00~~ 8:30	0.0	0.008	0.0	0.007	0.1	
9:00	0.0	0.007	0.0	0.008	0.0	
9:30	0.0	0.014	0.0	0.01	0.0	

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530094307
Firmware Version	3.1
Calibration Date	2/25/2022
Test Name	MANUAL_001
Test Start Time	10:32:26 AM
Test Start Date	1/16/2023
Test Length [D:H:M]	0:05:19
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.123
Mass TWA [mg/m3]	0.015
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	60

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.036		
600	0.021		
900	0.01		
1200	0.01		
1500	0.01		
1800	0.01		
2100	0.043		
2400	0.01		
2700	0.01		
3000	0.021		
3300	0.013		
3600	0.014		
3900	0.012		
4200	0.019		
4500	0.01		
4800	0.01		
5100	0.01		
5400	0.028		
5700	0.009		
6000	0.01		
6300	0.123		
6600	0.015		
6900	0.06		
7200	0.009		
7500	0.031		
7800	0.031		
8100	0.081		

8400	0.016
8700	0.04
9000	0.066
9300	0.052
9600	0.052
9900	0.018
10200	0.008
10500	0.052
10800	0.007
11100	0.007
11400	0.053
11700	0.042
12000	0.014
12300	0.012
12600	0.017
12900	0.016
13200	0.015
13500	0.011
13800	0.013
14100	0.012
14400	0.012
14700	0.011
15000	0.013
15300	0.012
15600	0.012
15900	0.011
16200	0.012
16500	0.012
16800	0.012
17100	0.012
17400	0.012
17700	0.012
19167	0

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530094307
Firmware Version	3.1
Calibration Date	2/25/2022
Test Name	MANUAL_001
Test Start Time	7:43:15 AM
Test Start Date	1/17/2023
Test Length [D:H:M]	0:03:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.024
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	12

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.024		
1800	0.01		
2700	0.008		
3600	0.007		
4500	0.007		
5400	0.011		
6300	0.014		
7200	0.016		
8100	0.014		
9000	0.011		
9900	0.008		
10800	0.012		

Datalog

Current Event:23/01/16 10:36

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-601964
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	CAMP1000
User ID	USER0000
Begin	01/16/2023 10:36:38
End	01/16/2023 01:00:34
Sample Period(s)	60
Number of Records	143
Sensor	PID(ppm)
Sensor SN	S023030852B3
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	01/12/2023 11:01
Peak	0.0
Min	0.0
Average	0.0

Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	01/16/2023 10:37:38	0.0	0.0	0.0	0.0
002	01/16/2023 10:38:38	0.0	0.0	0.0	0.0
003	01/16/2023 10:39:38	0.0	0.0	0.0	0.0
004	01/16/2023 10:40:38	0.0	0.0	0.0	0.0
005	01/16/2023 10:41:38	0.0	0.0	0.0	0.0
006	01/16/2023 10:42:38	0.0	0.0	0.0	0.0
007	01/16/2023 10:43:38	0.0	0.0	0.0	0.0
008	01/16/2023 10:44:38	0.0	0.0	0.0	0.0
009	01/16/2023 10:45:38	0.0	0.0	0.0	0.0
010	01/16/2023 10:46:38	0.0	0.0	0.0	0.0
011	01/16/2023 10:47:38	0.0	0.0	0.0	0.0
012	01/16/2023 10:48:38	0.0	0.0	0.0	0.0
013	01/16/2023 10:49:38	0.0	0.0	0.0	0.0
014	01/16/2023 10:50:38	0.0	0.0	0.0	0.0
015	01/16/2023 10:51:38	0.0	0.0	0.0	0.0
016	01/16/2023 10:52:38	0.0	0.0	0.0	0.0
017	01/16/2023 10:53:38	0.0	0.0	0.0	0.0
018	01/16/2023 10:54:38	0.0	0.0	0.0	0.0
019	01/16/2023 10:55:38	0.0	0.0	0.0	0.0
020	01/16/2023 10:56:38	0.0	0.0	0.0	0.0
021	01/16/2023 10:57:38	0.0	0.0	0.0	0.0
022	01/16/2023 10:58:38	0.0	0.0	0.0	0.0
023	01/16/2023 10:59:38	0.0	0.0	0.0	0.0
024	01/16/2023 11:00:38	0.0	0.0	0.0	0.0
025	01/16/2023 11:01:38	0.0	0.0	0.0	0.0
026	01/16/2023 11:02:38	0.0	0.0	0.0	0.0
027	01/16/2023 11:03:38	0.0	0.0	0.0	0.0
028	01/16/2023 11:04:38	0.0	0.0	0.0	0.0
029	01/16/2023 11:05:38	0.0	0.0	0.0	0.0
030	01/16/2023 11:06:38	0.0	0.0	0.0	0.0
031	01/16/2023 11:07:38	0.0	0.0	0.0	0.0
032	01/16/2023 11:08:38	0.0	0.0	0.0	0.0
033	01/16/2023 11:09:38	0.0	0.0	0.0	0.0
034	01/16/2023 11:10:38	0.0	0.0	0.0	0.0
035	01/16/2023 11:11:38	0.0	0.0	0.0	0.0
036	01/16/2023 11:12:38	0.0	0.0	0.0	0.0
037	01/16/2023 11:13:38	0.0	0.0	0.0	0.0
038	01/16/2023 11:14:38	0.0	0.0	0.0	0.0
039	01/16/2023 11:15:38	0.0	0.0	0.0	0.0
040	01/16/2023 11:16:38	0.0	0.0	0.0	0.0
041	01/16/2023 11:17:38	0.0	0.0	0.0	0.0
042	01/16/2023 11:18:38	0.0	0.0	0.0	0.0
043	01/16/2023 11:19:38	0.0	0.0	0.0	0.0
044	01/16/2023 11:20:38	0.0	0.0	0.0	0.0
045	01/16/2023 11:38:38	0.0	0.0	0.0	0.0
046	01/16/2023 11:22:38	0.0	0.0	0.0	0.0
047	01/16/2023 11:23:38	0.0	0.0	0.0	0.0
048	01/16/2023 11:24:38	0.0	0.0	0.0	0.0
049	01/16/2023 11:25:38	0.0	0.0	0.0	0.0
050	01/16/2023 11:26:38	0.0	0.0	0.0	0.0
051	01/16/2023 11:27:38	0.0	0.0	0.0	0.0
052	01/16/2023 11:28:38	0.0	0.0	0.0	0.0
053	01/16/2023 11:29:38	0.0	0.0	0.0	0.0
054	01/16/2023 11:30:38	0.0	0.0	0.0	0.0
055	01/16/2023 11:31:38	0.0	0.0	0.0	0.0
056	01/16/2023 11:32:38	0.0	0.0	0.0	0.0
057	01/16/2023 11:33:38	0.0	0.0	0.0	0.0
058	01/16/2023 11:34:38	0.0	0.0	0.0	0.0
059	01/16/2023 11:35:38	0.0	0.0	0.0	0.0
060	01/16/2023 11:36:38	0.0	0.0	0.0	0.0
061	01/16/2023 11:37:38	0.0	0.0	0.0	0.0

062	01/16/2023 11:38:38	0.0	0.0	0.0	0.0
063	01/16/2023 11:39:38	0.0	0.0	0.0	0.0
064	01/16/2023 11:40:38	0.0	0.0	0.0	0.0
065	01/16/2023 11:41:38	0.0	0.0	0.0	0.0
066	01/16/2023 11:42:38	0.0	0.0	0.0	0.0
067	01/16/2023 11:43:38	0.0	0.0	0.0	0.0
068	01/16/2023 11:44:38	0.0	0.0	0.0	0.0
069	01/16/2023 11:45:38	0.0	0.0	0.0	0.0
070	01/16/2023 11:46:38	0.0	0.0	0.0	0.0
071	01/16/2023 11:47:38	0.0	0.0	0.0	0.0
072	01/16/2023 11:48:38	0.0	0.0	0.0	0.0
073	01/16/2023 11:49:38	0.0	0.0	0.0	0.0
074	01/16/2023 11:50:38	0.0	0.0	0.0	0.0
075	01/16/2023 11:51:38	0.0	0.0	0.0	0.0
076	01/16/2023 11:52:38	0.0	0.0	0.0	0.0
077	01/16/2023 11:53:38	0.0	0.0	0.0	0.0
078	01/16/2023 11:54:38	0.0	0.0	0.0	0.0
079	01/16/2023 11:55:38	0.0	0.0	0.0	0.0
080	01/16/2023 11:56:38	0.0	0.0	0.0	0.0
081	01/16/2023 11:57:38	0.0	0.0	0.0	0.0
082	01/16/2023 11:58:38	0.0	0.0	0.0	0.0
083	01/16/2023 11:59:38	0.0	0.0	0.0	0.0
084	01/16/2023 12:00:38	0.0	0.0	0.0	0.0
085	01/16/2023 12:01:38	0.0	0.0	0.0	0.0
086	01/16/2023 12:02:38	0.0	0.0	0.0	0.0
087	01/16/2023 12:03:38	0.0	0.0	0.0	0.0
088	01/16/2023 12:04:38	0.0	0.0	0.0	0.0
089	01/16/2023 12:05:38	0.0	0.0	0.0	0.0
090	01/16/2023 12:06:38	0.0	0.0	0.0	0.0
091	01/16/2023 12:07:38	0.0	0.0	0.0	0.0
092	01/16/2023 12:08:38	0.0	0.0	0.0	0.0
093	01/16/2023 12:09:38	0.0	0.0	0.0	0.0
094	01/16/2023 12:10:38	0.0	0.0	0.0	0.0
095	01/16/2023 12:11:38	0.0	0.0	0.0	0.0
096	01/16/2023 12:12:38	0.0	0.0	0.0	0.0
097	01/16/2023 12:13:38	0.0	0.0	0.0	0.0
098	01/16/2023 12:14:38	0.0	0.0	0.0	0.0
099	01/16/2023 12:15:38	0.0	0.0	0.0	0.0
100	01/16/2023 12:16:38	0.0	0.0	0.0	0.0
101	01/16/2023 12:17:38	0.0	0.0	0.0	0.0
102	01/16/2023 12:18:38	0.0	0.0	0.0	0.0
103	01/16/2023 12:19:38	0.0	0.0	0.0	0.0
104	01/16/2023 12:20:38	0.0	0.0	0.0	0.0
105	01/16/2023 12:38:38	0.0	0.0	0.0	0.0
106	01/16/2023 12:22:38	0.0	0.0	0.0	0.0
107	01/16/2023 12:23:38	0.0	0.0	0.0	0.0
108	01/16/2023 12:24:38	0.0	0.0	0.0	0.0
109	01/16/2023 12:25:38	0.0	0.0	0.0	0.0
110	01/16/2023 12:26:38	0.0	0.0	0.0	0.0
111	01/16/2023 12:27:38	0.0	0.0	0.3	0.0
112	01/16/2023 12:28:38	0.0	0.0	0.0	0.0
113	01/16/2023 12:29:38	0.0	0.0	0.0	0.0
114	01/16/2023 12:30:38	0.0	0.0	0.0	0.0
115	01/16/2023 12:31:38	0.0	0.0	0.0	0.0
116	01/16/2023 12:32:38	0.0	0.0	0.0	0.0
117	01/16/2023 12:33:38	0.0	0.0	0.0	0.0
118	01/16/2023 12:34:38	0.0	0.0	0.1	0.0
119	01/16/2023 12:35:38	0.0	0.0	0.0	0.0
120	01/16/2023 12:36:38	0.0	0.0	0.3	0.0
138	01/16/2023 12:37:38	0.0	0.0	0.0	0.0
122	01/16/2023 12:38:38	0.0	0.0	0.0	0.0
123	01/16/2023 12:39:38	0.0	0.0	0.0	0.0
124	01/16/2023 12:40:38	0.0	0.0	0.0	0.0
125	01/16/2023 12:41:38	0.0	0.0	0.0	0.0
126	01/16/2023 12:42:38	0.0	0.0	0.0	0.0

127	01/16/2023 12:43:38	0.0	0.0	0.0	0.0
128	01/16/2023 12:44:38	0.0	0.0	0.0	0.0
129	01/16/2023 12:45:38	0.0	0.0	0.0	0.0
130	01/16/2023 12:46:38	0.0	0.0	0.0	0.0
131	01/16/2023 12:47:38	0.0	0.0	0.0	0.0
132	01/16/2023 12:48:38	0.0	0.0	0.0	0.0
133	01/16/2023 12:49:38	0.0	0.0	0.0	0.0
134	01/16/2023 12:50:38	0.0	0.0	0.0	0.0
135	01/16/2023 12:51:38	0.0	0.0	0.0	0.0
136	01/16/2023 12:52:38	0.0	0.0	0.0	0.0
137	01/16/2023 12:53:38	0.0	0.0	0.0	0.0
138	01/16/2023 12:54:38	0.0	0.0	0.0	0.0
139	01/16/2023 12:55:38	0.0	0.0	0.0	0.0
140	01/16/2023 12:56:38	0.0	0.0	0.0	0.0
141	01/16/2023 12:57:38	0.0	0.0	0.0	0.0
142	01/16/2023 12:58:38	0.0	0.0	0.0	0.0
143	01/16/2023 12:59:38	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.3	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph

PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)
09:50:24
10:15:32
10:40:39
11:05:47
11:30:54
11:56:02
12:21:09
12:46:17

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	01/16/2023 10:37:38	0.0	---
002	01/16/2023 10:38:38	0.0	---
003	01/16/2023 10:39:38	0.0	---
004	01/16/2023 10:40:38	0.0	---
005	01/16/2023 10:41:38	0.0	---
006	01/16/2023 10:42:38	0.0	---
007	01/16/2023 10:43:38	0.0	---
008	01/16/2023 10:44:38	0.0	---
009	01/16/2023 10:45:38	0.0	---
010	01/16/2023 10:46:38	0.0	---
011	01/16/2023 10:47:38	0.0	---
012	01/16/2023 10:48:38	0.0	---
013	01/16/2023 10:49:38	0.0	---
014	01/16/2023 10:50:38	0.0	---
015	01/16/2023 10:51:38	0.0	0.0
016	01/16/2023 10:52:38	0.0	0.0
017	01/16/2023 10:53:38	0.0	0.0
018	01/16/2023 10:54:38	0.0	0.0
019	01/16/2023 10:55:38	0.0	0.0
020	01/16/2023 10:56:38	0.0	0.0
021	01/16/2023 10:57:38	0.0	0.0
022	01/16/2023 10:58:38	0.0	0.0
023	01/16/2023 10:59:38	0.0	0.0
024	01/16/2023 11:00:38	0.0	0.0
025	01/16/2023 11:01:38	0.0	0.0
026	01/16/2023 11:02:38	0.0	0.0
027	01/16/2023 11:03:38	0.0	0.0
028	01/16/2023 11:04:38	0.0	0.0
029	01/16/2023 11:05:38	0.0	0.0
030	01/16/2023 11:06:38	0.0	0.0
031	01/16/2023 11:07:38	0.0	0.0
032	01/16/2023 11:08:38	0.0	0.0
033	01/16/2023 11:09:38	0.0	0.0
034	01/16/2023 11:10:38	0.0	0.0
035	01/16/2023 11:11:38	0.0	0.0
036	01/16/2023 11:12:38	0.0	0.0
037	01/16/2023 11:13:38	0.0	0.0
038	01/16/2023 11:14:38	0.0	0.0
039	01/16/2023 11:15:38	0.0	0.0
040	01/16/2023 11:16:38	0.0	0.0
041	01/16/2023 11:17:38	0.0	0.0
042	01/16/2023 11:18:38	0.0	0.0
043	01/16/2023 11:19:38	0.0	0.0
044	01/16/2023 11:20:38	0.0	0.0
045	01/16/2023 11:38:38	0.0	0.0
046	01/16/2023 11:22:38	0.0	0.0
047	01/16/2023 11:23:38	0.0	0.0
048	01/16/2023 11:24:38	0.0	0.0
049	01/16/2023 11:25:38	0.0	0.0
050	01/16/2023 11:26:38	0.0	0.0
051	01/16/2023 11:27:38	0.0	0.0
052	01/16/2023 11:28:38	0.0	0.0
053	01/16/2023 11:29:38	0.0	0.0
054	01/16/2023 11:30:38	0.0	0.0
055	01/16/2023 11:31:38	0.0	0.0
056	01/16/2023 11:32:38	0.0	0.0
057	01/16/2023 11:33:38	0.0	0.0
058	01/16/2023 11:34:38	0.0	0.0
059	01/16/2023 11:35:38	0.0	0.0
060	01/16/2023 11:36:38	0.0	0.0
061	01/16/2023 11:37:38	0.0	0.0

062	01/16/2023 11:38:38	0.0	0.0
063	01/16/2023 11:39:38	0.0	0.0
064	01/16/2023 11:40:38	0.0	0.0
065	01/16/2023 11:41:38	0.0	0.0
066	01/16/2023 11:42:38	0.0	0.0
067	01/16/2023 11:43:38	0.0	0.0
068	01/16/2023 11:44:38	0.0	0.0
069	01/16/2023 11:45:38	0.0	0.0
070	01/16/2023 11:46:38	0.0	0.0
071	01/16/2023 11:47:38	0.0	0.0
072	01/16/2023 11:48:38	0.0	0.0
073	01/16/2023 11:49:38	0.0	0.0
074	01/16/2023 11:50:38	0.0	0.0
075	01/16/2023 11:51:38	0.0	0.0
076	01/16/2023 11:52:38	0.0	0.0
077	01/16/2023 11:53:38	0.0	0.0
078	01/16/2023 11:54:38	0.0	0.0
079	01/16/2023 11:55:38	0.0	0.0
080	01/16/2023 11:56:38	0.0	0.0
081	01/16/2023 11:57:38	0.0	0.0
082	01/16/2023 11:58:38	0.0	0.0
083	01/16/2023 11:59:38	0.0	0.0
084	01/16/2023 12:00:38	0.0	0.0
085	01/16/2023 12:01:38	0.0	0.0
086	01/16/2023 12:02:38	0.0	0.0
087	01/16/2023 12:03:38	0.0	0.0
088	01/16/2023 12:04:38	0.0	0.0
089	01/16/2023 12:05:38	0.0	0.0
090	01/16/2023 12:06:38	0.0	0.0
091	01/16/2023 12:07:38	0.0	0.0
092	01/16/2023 12:08:38	0.0	0.0
093	01/16/2023 12:09:38	0.0	0.0
094	01/16/2023 12:10:38	0.0	0.0
095	01/16/2023 12:11:38	0.0	0.0
096	01/16/2023 12:12:38	0.0	0.0
097	01/16/2023 12:13:38	0.0	0.0
098	01/16/2023 12:14:38	0.0	0.0
099	01/16/2023 12:15:38	0.0	0.0
100	01/16/2023 12:16:38	0.0	0.0
101	01/16/2023 12:17:38	0.0	0.0
102	01/16/2023 12:18:38	0.0	0.0
103	01/16/2023 12:19:38	0.0	0.0
104	01/16/2023 12:20:38	0.0	0.0
105	01/16/2023 12:38:38	0.0	0.0
106	01/16/2023 12:22:38	0.0	0.0
107	01/16/2023 12:23:38	0.0	0.0
108	01/16/2023 12:24:38	0.0	0.0
109	01/16/2023 12:25:38	0.0	0.0
110	01/16/2023 12:26:38	0.0	0.0
111	01/16/2023 12:27:38	0.0	0.0
112	01/16/2023 12:28:38	0.0	0.0
113	01/16/2023 12:29:38	0.0	0.0
114	01/16/2023 12:30:38	0.0	0.0
115	01/16/2023 12:31:38	0.0	0.0
116	01/16/2023 12:32:38	0.0	0.0
117	01/16/2023 12:33:38	0.0	0.0
118	01/16/2023 12:34:38	0.0	0.0
119	01/16/2023 12:35:38	0.0	0.0
120	01/16/2023 12:36:38	0.0	0.0
121	01/16/2023 12:37:38	0.0	0.0
122	01/16/2023 12:38:38	0.0	0.0
123	01/16/2023 12:39:38	0.0	0.0
124	01/16/2023 12:40:38	0.0	0.0
125	01/16/2023 12:41:38	0.0	0.0
126	01/16/2023 12:42:38	0.0	0.0

127	01/16/2023 12:43:38	0.0	0.0
128	01/16/2023 12:44:38	0.0	0.0
129	01/16/2023 12:45:38	0.0	0.0
130	01/16/2023 12:46:38	0.0	0.0
131	01/16/2023 12:47:38	0.0	0.0
132	01/16/2023 12:48:38	0.0	0.0
133	01/16/2023 12:49:38	0.0	0.0
134	01/16/2023 12:50:38	0.0	0.0
135	01/16/2023 12:51:38	0.0	0.0
136	01/16/2023 12:52:38	0.0	0.0
137	01/16/2023 12:53:38	0.0	0.0
138	01/16/2023 12:54:38	0.0	0.0
139	01/16/2023 12:55:38	0.0	0.0
140	01/16/2023 12:56:38	0.0	0.0
141	01/16/2023 12:57:38	0.0	0.0
142	01/16/2023 12:58:38	0.0	0.0
143	01/16/2023 12:59:38	0.0	0.0

Datalog

Current Event:23/01/16 13:00

Datalog

Current Event:23/01/17 07:42

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-601964
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	1/17/2023 07:42:53
End	1/17/2023 10:47:59
Sample Period(s)	60
Number of Records	185
Sensor	PID(ppm)
Sensor SN	S023030852B3
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	1/12/2023 11:01
Peak	0.2
Min	0.0
Average	0.1

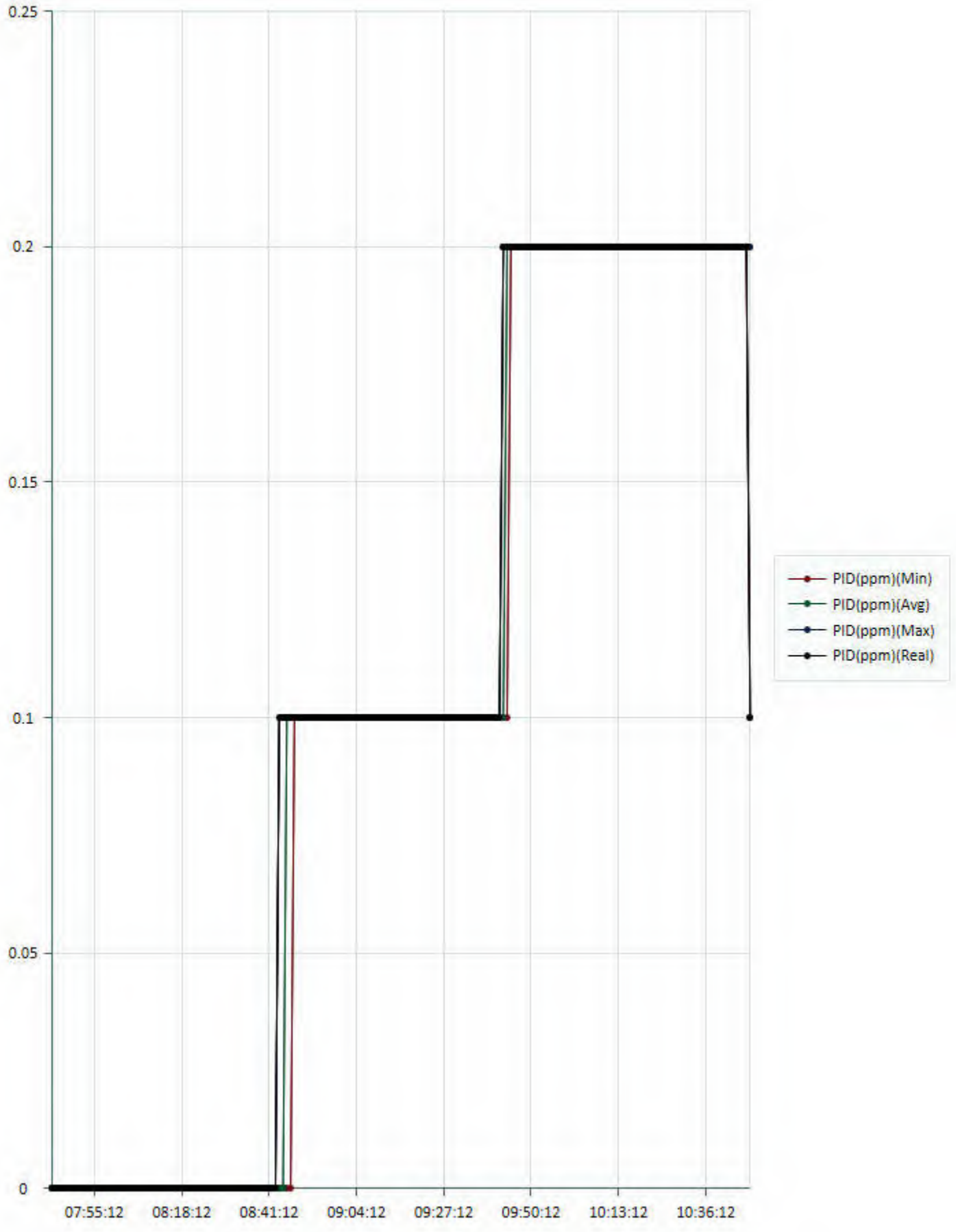
Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	1/17/2023 07:43:53	0.0	0.0	0.0	0.0
002	1/17/2023 07:44:53	0.0	0.0	0.0	0.0
003	1/17/2023 07:45:53	0.0	0.0	0.0	0.0
004	1/17/2023 07:46:53	0.0	0.0	0.0	0.0
005	1/17/2023 07:47:53	0.0	0.0	0.0	0.0
006	1/17/2023 07:48:53	0.0	0.0	0.0	0.0
007	1/17/2023 07:49:53	0.0	0.0	0.0	0.0
008	1/17/2023 07:50:53	0.0	0.0	0.0	0.0
009	1/17/2023 07:51:53	0.0	0.0	0.0	0.0
010	1/17/2023 07:52:53	0.0	0.0	0.0	0.0
011	1/17/2023 07:53:53	0.0	0.0	0.0	0.0
012	1/17/2023 07:54:53	0.0	0.0	0.0	0.0
013	1/17/2023 07:55:53	0.0	0.0	0.0	0.0
014	1/17/2023 07:56:53	0.0	0.0	0.0	0.0
015	1/17/2023 07:57:53	0.0	0.0	0.0	0.0
016	1/17/2023 07:58:53	0.0	0.0	0.0	0.0
017	1/17/2023 07:59:53	0.0	0.0	0.0	0.0
018	1/17/2023 08:00:53	0.0	0.0	0.0	0.0
019	1/17/2023 08:01:53	0.0	0.0	0.0	0.0
020	1/17/2023 08:02:53	0.0	0.0	0.0	0.0
021	1/17/2023 08:03:53	0.0	0.0	0.0	0.0
022	1/17/2023 08:04:53	0.0	0.0	0.0	0.0
023	1/17/2023 08:05:53	0.0	0.0	0.0	0.0
024	1/17/2023 08:06:53	0.0	0.0	0.0	0.0
025	1/17/2023 08:07:53	0.0	0.0	0.0	0.0
026	1/17/2023 08:08:53	0.0	0.0	0.0	0.0
027	1/17/2023 08:09:53	0.0	0.0	0.0	0.0
028	1/17/2023 08:10:53	0.0	0.0	0.0	0.0
029	1/17/2023 08:11:53	0.0	0.0	0.0	0.0
030	1/17/2023 08:12:53	0.0	0.0	0.0	0.0
031	1/17/2023 08:13:53	0.0	0.0	0.0	0.0
032	1/17/2023 08:14:53	0.0	0.0	0.0	0.0
033	1/17/2023 08:15:53	0.0	0.0	0.0	0.0
034	1/17/2023 08:16:53	0.0	0.0	0.0	0.0
035	1/17/2023 08:17:53	0.0	0.0	0.0	0.0
036	1/17/2023 08:18:53	0.0	0.0	0.0	0.0
037	1/17/2023 08:19:53	0.0	0.0	0.0	0.0
038	1/17/2023 08:20:53	0.0	0.0	0.0	0.0
039	1/17/2023 08:21:53	0.0	0.0	0.0	0.0
040	1/17/2023 08:22:53	0.0	0.0	0.0	0.0
041	1/17/2023 08:23:53	0.0	0.0	0.0	0.0
042	1/17/2023 08:24:53	0.0	0.0	0.0	0.0
043	1/17/2023 08:25:53	0.0	0.0	0.0	0.0
044	1/17/2023 08:26:53	0.0	0.0	0.0	0.0
045	1/17/2023 08:27:53	0.0	0.0	0.0	0.0
046	1/17/2023 08:28:53	0.0	0.0	0.0	0.0
047	1/17/2023 08:29:53	0.0	0.0	0.0	0.0
048	1/17/2023 08:30:53	0.0	0.0	0.0	0.0
049	1/17/2023 08:31:53	0.0	0.0	0.0	0.0
050	1/17/2023 08:32:53	0.0	0.0	0.0	0.0
051	1/17/2023 08:33:53	0.0	0.0	0.0	0.0
052	1/17/2023 08:34:53	0.0	0.0	0.0	0.0
053	1/17/2023 08:35:53	0.0	0.0	0.0	0.0
054	1/17/2023 08:36:53	0.0	0.0	0.0	0.0
055	1/17/2023 08:37:53	0.0	0.0	0.0	0.0
056	1/17/2023 08:38:53	0.0	0.0	0.0	0.0
057	1/17/2023 08:39:53	0.0	0.0	0.0	0.0
058	1/17/2023 08:40:53	0.0	0.0	0.0	0.0
059	1/17/2023 08:41:53	0.0	0.0	0.0	0.0
060	1/17/2023 08:42:53	0.0	0.0	0.0	0.0
061	1/17/2023 08:43:53	0.0	0.0	0.1	0.1

062	1/17/2023 08:44:53	0.0	0.0	0.1	0.1
063	1/17/2023 08:45:53	0.0	0.1	0.1	0.1
064	1/17/2023 08:46:53	0.0	0.1	0.1	0.1
065	1/17/2023 08:47:53	0.1	0.1	0.1	0.1
066	1/17/2023 08:48:53	0.1	0.1	0.1	0.1
067	1/17/2023 08:49:53	0.1	0.1	0.1	0.1
068	1/17/2023 08:50:53	0.1	0.1	0.1	0.1
069	1/17/2023 08:51:53	0.1	0.1	0.1	0.1
070	1/17/2023 08:52:53	0.1	0.1	0.1	0.1
071	1/17/2023 08:53:53	0.1	0.1	0.1	0.1
072	1/17/2023 08:54:53	0.1	0.1	0.1	0.1
073	1/17/2023 08:55:53	0.1	0.1	0.1	0.1
074	1/17/2023 08:56:53	0.1	0.1	0.1	0.1
075	1/17/2023 08:57:53	0.1	0.1	0.1	0.1
076	1/17/2023 08:58:53	0.1	0.1	0.1	0.1
077	1/17/2023 08:59:53	0.1	0.1	0.1	0.1
078	1/17/2023 09:00:53	0.1	0.1	0.1	0.1
079	1/17/2023 09:01:53	0.1	0.1	0.1	0.1
080	1/17/2023 09:02:53	0.1	0.1	0.1	0.1
081	1/17/2023 09:03:53	0.1	0.1	0.1	0.1
082	1/17/2023 09:04:53	0.1	0.1	0.1	0.1
083	1/17/2023 09:05:53	0.1	0.1	0.1	0.1
084	1/17/2023 09:06:53	0.1	0.1	0.1	0.1
085	1/17/2023 09:07:53	0.1	0.1	0.1	0.1
086	1/17/2023 09:08:53	0.1	0.1	0.1	0.1
087	1/17/2023 09:09:53	0.1	0.1	0.1	0.1
088	1/17/2023 09:10:53	0.1	0.1	0.1	0.1
089	1/17/2023 09:11:53	0.1	0.1	0.1	0.1
090	1/17/2023 09:12:53	0.1	0.1	0.1	0.1
091	1/17/2023 09:13:53	0.1	0.1	0.1	0.1
092	1/17/2023 09:14:53	0.1	0.1	0.1	0.1
093	1/17/2023 09:15:53	0.1	0.1	0.1	0.1
094	1/17/2023 09:16:53	0.1	0.1	0.1	0.1
095	1/17/2023 09:17:53	0.1	0.1	0.1	0.1
096	1/17/2023 09:18:53	0.1	0.1	0.1	0.1
097	1/17/2023 09:19:53	0.1	0.1	0.1	0.1
098	1/17/2023 09:20:53	0.1	0.1	0.1	0.1
099	1/17/2023 09:21:53	0.1	0.1	0.1	0.1
100	1/17/2023 09:22:53	0.1	0.1	0.1	0.1
101	1/17/2023 09:23:53	0.1	0.1	0.1	0.1
102	1/17/2023 09:24:53	0.1	0.1	0.1	0.1
103	1/17/2023 09:25:53	0.1	0.1	0.1	0.1
104	1/17/2023 09:26:53	0.1	0.1	0.1	0.1
105	1/17/2023 09:27:53	0.1	0.1	0.1	0.1
106	1/17/2023 09:28:53	0.1	0.1	0.1	0.1
107	1/17/2023 09:29:53	0.1	0.1	0.1	0.1
108	1/17/2023 09:30:53	0.1	0.1	0.1	0.1
109	1/17/2023 09:31:53	0.1	0.1	0.1	0.1
110	1/17/2023 09:32:53	0.1	0.1	0.1	0.1
111	1/17/2023 09:33:53	0.1	0.1	0.1	0.1
112	1/17/2023 09:34:53	0.1	0.1	0.1	0.1
113	1/17/2023 09:35:53	0.1	0.1	0.1	0.1
114	1/17/2023 09:36:53	0.1	0.1	0.1	0.1
115	1/17/2023 09:37:53	0.1	0.1	0.1	0.1
116	1/17/2023 09:38:53	0.1	0.1	0.1	0.1
117	1/17/2023 09:39:53	0.1	0.1	0.1	0.1
118	1/17/2023 09:40:53	0.1	0.1	0.1	0.1
119	1/17/2023 09:41:53	0.1	0.1	0.1	0.1
120	1/17/2023 09:42:53	0.1	0.1	0.2	0.2
121	1/17/2023 09:43:53	0.1	0.2	0.2	0.2
122	1/17/2023 09:44:53	0.2	0.2	0.2	0.2
123	1/17/2023 09:45:53	0.2	0.2	0.2	0.2
124	1/17/2023 09:46:53	0.2	0.2	0.2	0.2
125	1/17/2023 09:47:53	0.2	0.2	0.2	0.2
126	1/17/2023 09:48:53	0.2	0.2	0.2	0.2

127	1/17/2023 09:49:53	0.2	0.2	0.2	0.2
128	1/17/2023 09:50:53	0.2	0.2	0.2	0.2
129	1/17/2023 09:51:53	0.2	0.2	0.2	0.2
130	1/17/2023 09:52:53	0.2	0.2	0.2	0.2
131	1/17/2023 09:53:53	0.2	0.2	0.2	0.2
132	1/17/2023 09:54:53	0.2	0.2	0.2	0.2
133	1/17/2023 09:55:53	0.2	0.2	0.2	0.2
134	1/17/2023 09:56:53	0.2	0.2	0.2	0.2
135	1/17/2023 09:57:53	0.2	0.2	0.2	0.2
136	1/17/2023 09:58:53	0.2	0.2	0.2	0.2
137	1/17/2023 09:59:53	0.2	0.2	0.2	0.2
138	1/17/2023 10:00:53	0.2	0.2	0.2	0.2
139	1/17/2023 10:01:53	0.2	0.2	0.2	0.2
140	1/17/2023 10:02:53	0.2	0.2	0.2	0.2
141	1/17/2023 10:03:53	0.2	0.2	0.2	0.2
142	1/17/2023 10:04:53	0.2	0.2	0.2	0.2
143	1/17/2023 10:05:53	0.2	0.2	0.2	0.2
144	1/17/2023 10:06:53	0.2	0.2	0.2	0.2
145	1/17/2023 10:07:53	0.2	0.2	0.2	0.2
146	1/17/2023 10:08:53	0.2	0.2	0.2	0.2
147	1/17/2023 10:09:53	0.2	0.2	0.2	0.2
148	1/17/2023 10:10:53	0.2	0.2	0.2	0.2
149	1/17/2023 10:11:53	0.2	0.2	0.2	0.2
150	1/17/2023 10:12:53	0.2	0.2	0.2	0.2
151	1/17/2023 10:13:53	0.2	0.2	0.2	0.2
152	1/17/2023 10:14:53	0.2	0.2	0.2	0.2
153	1/17/2023 10:15:53	0.2	0.2	0.2	0.2
154	1/17/2023 10:16:53	0.2	0.2	0.2	0.2
155	1/17/2023 10:17:53	0.2	0.2	0.2	0.2
156	1/17/2023 10:18:53	0.2	0.2	0.2	0.2
157	1/17/2023 10:19:53	0.2	0.2	0.2	0.2
158	1/17/2023 10:20:53	0.2	0.2	0.2	0.2
159	1/17/2023 10:21:53	0.2	0.2	0.2	0.2
160	1/17/2023 10:22:53	0.2	0.2	0.2	0.2
161	1/17/2023 10:23:53	0.2	0.2	0.2	0.2
162	1/17/2023 10:24:53	0.2	0.2	0.2	0.2
163	1/17/2023 10:25:53	0.2	0.2	0.2	0.2
164	1/17/2023 10:26:53	0.2	0.2	0.2	0.2
165	1/17/2023 10:27:53	0.2	0.2	0.2	0.2
166	1/17/2023 10:28:53	0.2	0.2	0.2	0.2
167	1/17/2023 10:29:53	0.2	0.2	0.2	0.2
168	1/17/2023 10:30:53	0.2	0.2	0.2	0.2
169	1/17/2023 10:31:53	0.2	0.2	0.2	0.2
170	1/17/2023 10:32:53	0.2	0.2	0.2	0.2
171	1/17/2023 10:33:53	0.2	0.2	0.2	0.2
172	1/17/2023 10:34:53	0.2	0.2	0.2	0.2
173	1/17/2023 10:35:53	0.2	0.2	0.2	0.2
174	1/17/2023 10:36:53	0.2	0.2	0.2	0.2
175	1/17/2023 10:37:53	0.2	0.2	0.2	0.2
176	1/17/2023 10:38:53	0.2	0.2	0.2	0.2
177	1/17/2023 10:39:53	0.2	0.2	0.2	0.2
178	1/17/2023 10:40:53	0.2	0.2	0.2	0.2
179	1/17/2023 10:41:53	0.2	0.2	0.2	0.2
180	1/17/2023 10:42:53	0.2	0.2	0.2	0.2
181	1/17/2023 10:43:53	0.2	0.2	0.2	0.2
182	1/17/2023 10:44:53	0.2	0.2	0.2	0.2
183	1/17/2023 10:45:53	0.2	0.2	0.2	0.2
184	1/17/2023 10:46:53	0.2	0.2	0.2	0.2
185	1/17/2023 10:47:53	0.1	0.2	0.2	0.1
Peak		0.2	0.2	0.2	0.2
Min		0.0	0.0	0.0	0.0
Average		0.1	0.1	0.1	0.1

Graph


0.25
0.2
0.15
0.1
0.05
0
07:55:12
08:18:12
08:41:12
09:04:12
09:27:12
09:50:12
10:13:12
10:36:12
PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	1/17/2023 07:43:53	0.0	---
002	1/17/2023 07:44:53	0.0	---
003	1/17/2023 07:45:53	0.0	---
004	1/17/2023 07:46:53	0.0	---
005	1/17/2023 07:47:53	0.0	---
006	1/17/2023 07:48:53	0.0	---
007	1/17/2023 07:49:53	0.0	---
008	1/17/2023 07:50:53	0.0	---
009	1/17/2023 07:51:53	0.0	---
010	1/17/2023 07:52:53	0.0	---
011	1/17/2023 07:53:53	0.0	---
012	1/17/2023 07:54:53	0.0	---
013	1/17/2023 07:55:53	0.0	---
014	1/17/2023 07:56:53	0.0	---
015	1/17/2023 07:57:53	0.0	0.0
016	1/17/2023 07:58:53	0.0	0.0
017	1/17/2023 07:59:53	0.0	0.0
018	1/17/2023 08:00:53	0.0	0.0
019	1/17/2023 08:01:53	0.0	0.0
020	1/17/2023 08:02:53	0.0	0.0
021	1/17/2023 08:03:53	0.0	0.0
022	1/17/2023 08:04:53	0.0	0.0
023	1/17/2023 08:05:53	0.0	0.0
024	1/17/2023 08:06:53	0.0	0.0
025	1/17/2023 08:07:53	0.0	0.0
026	1/17/2023 08:08:53	0.0	0.0
027	1/17/2023 08:09:53	0.0	0.0
028	1/17/2023 08:10:53	0.0	0.0
029	1/17/2023 08:11:53	0.0	0.0
030	1/17/2023 08:12:53	0.0	0.0
031	1/17/2023 08:13:53	0.0	0.0
032	1/17/2023 08:14:53	0.0	0.0
033	1/17/2023 08:15:53	0.0	0.0
034	1/17/2023 08:16:53	0.0	0.0
035	1/17/2023 08:17:53	0.0	0.0
036	1/17/2023 08:18:53	0.0	0.0
037	1/17/2023 08:19:53	0.0	0.0
038	1/17/2023 08:20:53	0.0	0.0
039	1/17/2023 08:21:53	0.0	0.0
040	1/17/2023 08:22:53	0.0	0.0
041	1/17/2023 08:23:53	0.0	0.0
042	1/17/2023 08:24:53	0.0	0.0
043	1/17/2023 08:25:53	0.0	0.0
044	1/17/2023 08:26:53	0.0	0.0
045	1/17/2023 08:27:53	0.0	0.0
046	1/17/2023 08:28:53	0.0	0.0
047	1/17/2023 08:29:53	0.0	0.0
048	1/17/2023 08:30:53	0.0	0.0
049	1/17/2023 08:31:53	0.0	0.0
050	1/17/2023 08:32:53	0.0	0.0
051	1/17/2023 08:33:53	0.0	0.0
052	1/17/2023 08:34:53	0.0	0.0
053	1/17/2023 08:35:53	0.0	0.0
054	1/17/2023 08:36:53	0.0	0.0
055	1/17/2023 08:37:53	0.0	0.0
056	1/17/2023 08:38:53	0.0	0.0
057	1/17/2023 08:39:53	0.0	0.0
058	1/17/2023 08:40:53	0.0	0.0
059	1/17/2023 08:41:53	0.0	0.0
060	1/17/2023 08:42:53	0.0	0.0
061	1/17/2023 08:43:53	0.0	0.0

062	1/17/2023 08:44:53	0.0	0.0
063	1/17/2023 08:45:53	0.0	0.0
064	1/17/2023 08:46:53	0.0	0.0
065	1/17/2023 08:47:53	0.0	0.0
066	1/17/2023 08:48:53	0.0	0.0
067	1/17/2023 08:49:53	0.0	0.0
068	1/17/2023 08:50:53	0.0	0.1
069	1/17/2023 08:51:53	0.0	0.1
070	1/17/2023 08:52:53	0.0	0.1
071	1/17/2023 08:53:53	0.0	0.1
072	1/17/2023 08:54:53	0.0	0.1
073	1/17/2023 08:55:53	0.0	0.1
074	1/17/2023 08:56:53	0.0	0.1
075	1/17/2023 08:57:53	0.0	0.1
076	1/17/2023 08:58:53	0.0	0.1
077	1/17/2023 08:59:53	0.0	0.1
078	1/17/2023 09:00:53	0.0	0.1
079	1/17/2023 09:01:53	0.0	0.1
080	1/17/2023 09:02:53	0.0	0.1
081	1/17/2023 09:03:53	0.0	0.1
082	1/17/2023 09:04:53	0.0	0.1
083	1/17/2023 09:05:53	0.0	0.1
084	1/17/2023 09:06:53	0.0	0.1
085	1/17/2023 09:07:53	0.0	0.1
086	1/17/2023 09:08:53	0.0	0.1
087	1/17/2023 09:09:53	0.0	0.1
088	1/17/2023 09:10:53	0.0	0.1
089	1/17/2023 09:11:53	0.0	0.1
090	1/17/2023 09:12:53	0.0	0.1
091	1/17/2023 09:13:53	0.0	0.1
092	1/17/2023 09:14:53	0.0	0.1
093	1/17/2023 09:15:53	0.0	0.1
094	1/17/2023 09:16:53	0.0	0.1
095	1/17/2023 09:17:53	0.0	0.1
096	1/17/2023 09:18:53	0.0	0.1
097	1/17/2023 09:19:53	0.0	0.1
098	1/17/2023 09:20:53	0.0	0.1
099	1/17/2023 09:21:53	0.0	0.1
100	1/17/2023 09:22:53	0.0	0.1
101	1/17/2023 09:23:53	0.0	0.1
102	1/17/2023 09:24:53	0.0	0.1
103	1/17/2023 09:25:53	0.0	0.1
104	1/17/2023 09:26:53	0.0	0.1
105	1/17/2023 09:27:53	0.0	0.1
106	1/17/2023 09:28:53	0.0	0.1
107	1/17/2023 09:29:53	0.0	0.1
108	1/17/2023 09:30:53	0.0	0.1
109	1/17/2023 09:31:53	0.0	0.1
110	1/17/2023 09:32:53	0.0	0.1
111	1/17/2023 09:33:53	0.0	0.1
112	1/17/2023 09:34:53	0.0	0.1
113	1/17/2023 09:35:53	0.0	0.1
114	1/17/2023 09:36:53	0.0	0.1
115	1/17/2023 09:37:53	0.0	0.1
116	1/17/2023 09:38:53	0.0	0.1
117	1/17/2023 09:39:53	0.0	0.1
118	1/17/2023 09:40:53	0.0	0.1
119	1/17/2023 09:41:53	0.0	0.1
120	1/17/2023 09:42:53	0.0	0.1
121	1/17/2023 09:43:53	0.0	0.1
122	1/17/2023 09:44:53	0.0	0.1
123	1/17/2023 09:45:53	0.0	0.1
124	1/17/2023 09:46:53	0.0	0.1
125	1/17/2023 09:47:53	0.0	0.1
126	1/17/2023 09:48:53	0.0	0.2

127	1/17/2023 09:49:53	0.0	0.2
128	1/17/2023 09:50:53	0.0	0.2
129	1/17/2023 09:51:53	0.0	0.2
130	1/17/2023 09:52:53	0.0	0.2
131	1/17/2023 09:53:53	0.0	0.2
132	1/17/2023 09:54:53	0.0	0.2
133	1/17/2023 09:55:53	0.0	0.2
134	1/17/2023 09:56:53	0.0	0.2
135	1/17/2023 09:57:53	0.0	0.2
136	1/17/2023 09:58:53	0.0	0.2
137	1/17/2023 09:59:53	0.0	0.2
138	1/17/2023 10:00:53	0.0	0.2
139	1/17/2023 10:01:53	0.0	0.2
140	1/17/2023 10:02:53	0.0	0.2
141	1/17/2023 10:03:53	0.0	0.2
142	1/17/2023 10:04:53	0.0	0.2
143	1/17/2023 10:05:53	0.0	0.2
144	1/17/2023 10:06:53	0.0	0.2
145	1/17/2023 10:07:53	0.0	0.2
146	1/17/2023 10:08:53	0.0	0.2
147	1/17/2023 10:09:53	0.0	0.2
148	1/17/2023 10:10:53	0.0	0.2
149	1/17/2023 10:11:53	0.0	0.2
150	1/17/2023 10:12:53	0.0	0.2
151	1/17/2023 10:13:53	0.0	0.2
152	1/17/2023 10:14:53	0.0	0.2
153	1/17/2023 10:15:53	0.0	0.2
154	1/17/2023 10:16:53	0.0	0.2
155	1/17/2023 10:17:53	0.0	0.2
156	1/17/2023 10:18:53	0.0	0.2
157	1/17/2023 10:19:53	0.0	0.2
158	1/17/2023 10:20:53	0.0	0.2
159	1/17/2023 10:21:53	0.0	0.2
160	1/17/2023 10:22:53	0.0	0.2
161	1/17/2023 10:23:53	0.0	0.2
162	1/17/2023 10:24:53	0.0	0.2
163	1/17/2023 10:25:53	0.0	0.2
164	1/17/2023 10:26:53	0.0	0.2
165	1/17/2023 10:27:53	0.0	0.2
166	1/17/2023 10:28:53	0.0	0.2
167	1/17/2023 10:29:53	0.0	0.2
168	1/17/2023 10:30:53	0.0	0.2
169	1/17/2023 10:31:53	0.0	0.2
170	1/17/2023 10:32:53	0.0	0.2
171	1/17/2023 10:33:53	0.0	0.2
172	1/17/2023 10:34:53	0.0	0.2
173	1/17/2023 10:35:53	0.0	0.2
174	1/17/2023 10:36:53	0.0	0.2
175	1/17/2023 10:37:53	0.0	0.2
176	1/17/2023 10:38:53	0.0	0.2
177	1/17/2023 10:39:53	0.0	0.2
178	1/17/2023 10:40:53	0.0	0.2
179	1/17/2023 10:41:53	0.0	0.2
180	1/17/2023 10:42:53	0.0	0.2
181	1/17/2023 10:43:53	0.0	0.2
182	1/17/2023 10:44:53	0.0	0.2
183	1/17/2023 10:45:53	0.0	0.2
184	1/17/2023 10:46:53	0.0	0.2
185	1/17/2023 10:47:53	0.0	0.2

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141304
Firmware Version	3.1
Calibration Date	2/23/2022
Test Name	MANUAL_001
Test Start Time	10:34:11 AM
Test Start Date	1/16/2023
Test Length [D:H:M]	0:05:45
Test Interval [M:S]	5:00
Mass Average [mg/m3]	0.028
Mass Minimum [mg/m3]	0.02
Mass Maximum [mg/m3]	0.07
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	69

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
300	0.054		
600	0.044		
900	0.051		
1200	0.041		
1500	0.046		
1800	0.049		
2100	0.07		
2400	0.047		
2700	0.042		
3000	0.047		
3300	0.04		
3600	0.025		
3900	0.027		
4200	0.025		
4500	0.03		
4800	0.025		
5100	0.029		
5400	0.03		
5700	0.032		
6000	0.032		
6300	0.036		
6600	0.027		
6900	0.024		
7200	0.022		
7500	0.022		
7800	0.023		
8100	0.021		

8400	0.024
8700	0.021
9000	0.022
9300	0.022
9600	0.027
9900	0.021
10200	0.021
10500	0.021
10800	0.021
11100	0.021
11400	0.022
11700	0.022
12000	0.021
12300	0.022
12600	0.027
12900	0.029
13200	0.037
13500	0.022
13800	0.021
14100	0.023
14400	0.022
14700	0.021
15000	0.021
15300	0.021
15600	0.021
15900	0.021
16200	0.021
16500	0.021
16800	0.021
17100	0.021
17400	0.028
17700	0.021
18000	0.022
18300	0.022
18600	0.031
18900	0.02
19200	0.02
19500	0.021
19800	0.023
20100	0.022
20400	0.021
20700	0.02

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141304
Firmware Version	3.1
Calibration Date	2/23/2022
Test Name	MANUAL_001
Test Start Time	7:46:35 AM
Test Start Date	1/17/2023
Test Length [D:H:M]	0:02:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.01
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	11

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.01		
1800	0.007		
2700	0.007		
3600	0.007		
4500	0.007		
5400	0.008		
6300	0.008		
7200	0.01		
8100	0.01		
9000	0.006		
9900	0.004		

Datalog

Current Event:23/01/16 10:36

Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-910551
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	01/16/2023 10:36:21
End	01/16/2023 13:05:16
Sample Period(s)	60
Number of Records	148
Sensor	PID(ppm)
Sensor SN	S023030074C1
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	01/12/2023 11:12
Peak	0.0
Min	0.0
Average	0.0

Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	01/16/2023 10:37:21	0.0	0.0	0.0	0.0
002	01/16/2023 10:38:21	0.0	0.0	0.0	0.0
003	01/16/2023 10:39:21	0.0	0.0	0.0	0.0
004	01/16/2023 10:40:21	0.0	0.0	0.0	0.0
005	01/16/2023 10:41:21	0.0	0.0	0.0	0.0
006	01/16/2023 10:42:21	0.0	0.0	0.0	0.0
007	01/16/2023 10:43:21	0.0	0.0	0.0	0.0
008	01/16/2023 10:44:21	0.0	0.0	0.0	0.0
009	01/16/2023 10:45:21	0.0	0.0	0.0	0.0
010	01/16/2023 10:46:21	0.0	0.0	0.0	0.0
011	01/16/2023 10:47:21	0.0	0.0	0.0	0.0
012	01/16/2023 10:48:21	0.0	0.0	0.0	0.0
013	01/16/2023 10:49:21	0.0	0.0	0.0	0.0
014	01/16/2023 10:50:21	0.0	0.0	0.0	0.0
015	01/16/2023 10:51:21	0.0	0.0	0.0	0.0
016	01/16/2023 10:52:21	0.0	0.0	0.0	0.0
017	01/16/2023 10:53:21	0.0	0.0	0.0	0.0
018	01/16/2023 10:54:21	0.0	0.0	0.0	0.0
019	01/16/2023 10:55:21	0.0	0.0	0.0	0.0
020	01/16/2023 10:56:21	0.0	0.0	0.0	0.0
021	01/16/2023 10:57:21	0.0	0.0	0.0	0.0
022	01/16/2023 10:58:21	0.0	0.0	0.0	0.0
023	01/16/2023 10:59:21	0.0	0.0	0.0	0.0
024	01/16/2023 11:00:21	0.0	0.0	0.0	0.0
025	01/16/2023 11:01:21	0.0	0.0	0.0	0.0
026	01/16/2023 11:02:21	0.0	0.0	0.0	0.0
027	01/16/2023 11:03:21	0.0	0.0	0.0	0.0
028	01/16/2023 11:04:21	0.0	0.0	0.0	0.0
029	01/16/2023 11:05:21	0.0	0.0	0.0	0.0
030	01/16/2023 11:06:21	0.0	0.0	0.0	0.0
031	01/16/2023 11:07:21	0.0	0.0	0.0	0.0
032	01/16/2023 11:08:21	0.0	0.0	0.0	0.0
033	01/16/2023 11:09:21	0.0	0.0	0.0	0.0
034	01/16/2023 11:10:21	0.0	0.0	0.0	0.0
035	01/16/2023 11:11:21	0.0	0.0	0.0	0.0
036	01/16/2023 11:12:21	0.0	0.0	0.0	0.0
037	01/16/2023 11:13:21	0.0	0.0	0.0	0.0
038	01/16/2023 11:14:21	0.0	0.0	0.0	0.0
039	01/16/2023 11:15:21	0.0	0.0	0.0	0.0
040	01/16/2023 11:16:21	0.0	0.0	0.0	0.0
041	01/16/2023 11:17:21	0.0	0.0	0.0	0.0
042	01/16/2023 11:18:21	0.0	0.0	0.0	0.0
043	01/16/2023 11:19:21	0.0	0.0	0.0	0.0
044	01/16/2023 11:20:21	0.0	0.0	0.0	0.0
045	01/16/2023 11:21:21	0.0	0.0	0.0	0.0
046	01/16/2023 11:22:21	0.0	0.0	0.0	0.0
047	01/16/2023 11:23:21	0.0	0.0	0.0	0.0
048	01/16/2023 11:24:21	0.0	0.0	0.0	0.0
049	01/16/2023 11:25:21	0.0	0.0	0.0	0.0
050	01/16/2023 11:26:21	0.0	0.0	0.0	0.0
051	01/16/2023 11:27:21	0.0	0.0	0.0	0.0
052	01/16/2023 11:28:21	0.0	0.0	0.0	0.0
053	01/16/2023 11:29:21	0.0	0.0	0.0	0.0
054	01/16/2023 11:30:21	0.0	0.0	0.0	0.0
055	01/16/2023 11:31:21	0.0	0.0	0.0	0.0
056	01/16/2023 11:32:21	0.0	0.0	0.0	0.0
057	01/16/2023 11:33:21	0.0	0.0	0.0	0.0
058	01/16/2023 11:34:21	0.0	0.0	0.0	0.0
059	01/16/2023 11:35:21	0.0	0.0	0.0	0.0
060	01/16/2023 11:36:21	0.0	0.0	0.0	0.0
061	01/16/2023 11:37:21	0.0	0.0	0.0	0.0

062	01/16/2023 11:38:21	0.0	0.0	0.0	0.0
063	01/16/2023 11:39:21	0.0	0.0	0.0	0.0
064	01/16/2023 11:40:21	0.0	0.0	0.0	0.0
065	01/16/2023 11:41:21	0.0	0.0	0.0	0.0
066	01/16/2023 11:42:21	0.0	0.0	0.0	0.0
067	01/16/2023 11:43:21	0.0	0.0	0.0	0.0
068	01/16/2023 11:44:21	0.0	0.0	0.0	0.0
069	01/16/2023 11:45:21	0.0	0.0	0.0	0.0
070	01/16/2023 11:46:21	0.0	0.0	0.0	0.0
071	01/16/2023 11:47:21	0.0	0.0	0.0	0.0
072	01/16/2023 11:48:21	0.0	0.0	0.0	0.0
073	01/16/2023 11:49:21	0.0	0.0	0.0	0.0
074	01/16/2023 11:50:21	0.0	0.0	0.0	0.0
075	01/16/2023 11:51:21	0.0	0.0	0.0	0.0
076	01/16/2023 11:52:21	0.0	0.0	0.0	0.0
077	01/16/2023 11:53:21	0.0	0.0	0.0	0.0
078	01/16/2023 11:54:21	0.0	0.0	0.0	0.0
079	01/16/2023 11:55:21	0.0	0.0	0.0	0.0
080	01/16/2023 11:56:21	0.0	0.0	0.0	0.0
081	01/16/2023 11:57:21	0.0	0.0	0.0	0.0
082	01/16/2023 11:58:21	0.0	0.0	0.0	0.0
083	01/16/2023 11:59:21	0.0	0.0	0.0	0.0
084	01/16/2023 12:00:21	0.0	0.0	0.0	0.0
085	01/16/2023 12:01:21	0.0	0.0	0.0	0.0
086	01/16/2023 12:02:21	0.0	0.0	0.0	0.0
087	01/16/2023 12:03:21	0.0	0.0	0.0	0.0
088	01/16/2023 12:04:21	0.0	0.0	0.0	0.0
089	01/16/2023 12:05:21	0.0	0.0	0.0	0.0
090	01/16/2023 12:06:21	0.0	0.0	0.0	0.0
091	01/16/2023 12:07:21	0.0	0.0	0.0	0.0
092	01/16/2023 12:08:21	0.0	0.0	0.0	0.0
093	01/16/2023 12:09:21	0.0	0.0	0.0	0.0
094	01/16/2023 12:10:21	0.0	0.0	0.0	0.0
095	01/16/2023 12:11:21	0.0	0.0	0.0	0.0
096	01/16/2023 12:12:21	0.0	0.0	0.0	0.0
097	01/16/2023 12:13:21	0.0	0.0	0.0	0.0
098	01/16/2023 12:14:21	0.0	0.0	0.0	0.0
099	01/16/2023 12:15:21	0.0	0.0	0.0	0.0
100	01/16/2023 12:16:21	0.0	0.0	0.0	0.0
101	01/16/2023 12:17:21	0.0	0.0	0.0	0.0
102	01/16/2023 12:18:21	0.0	0.0	0.0	0.0
103	01/16/2023 12:19:21	0.0	0.0	0.0	0.0
104	01/16/2023 12:20:21	0.0	0.0	0.0	0.0
105	01/16/2023 12:21:21	0.0	0.0	0.0	0.0
106	01/16/2023 12:22:21	0.0	0.0	0.0	0.0
107	01/16/2023 12:23:21	0.0	0.0	0.0	0.0
108	01/16/2023 12:24:21	0.0	0.0	0.0	0.0
109	01/16/2023 12:25:21	0.0	0.0	0.0	0.0
110	01/16/2023 12:26:21	0.0	0.0	0.0	0.0
111	01/16/2023 12:27:21	0.0	0.0	0.0	0.0
112	01/16/2023 12:28:21	0.0	0.0	0.0	0.0
113	01/16/2023 12:29:21	0.0	0.0	0.0	0.0
114	01/16/2023 12:30:21	0.0	0.0	0.0	0.0
115	01/16/2023 12:31:21	0.0	0.0	0.0	0.0
116	01/16/2023 12:32:21	0.0	0.0	0.0	0.0
117	01/16/2023 12:33:21	0.0	0.0	0.0	0.0
118	01/16/2023 12:34:21	0.0	0.0	0.0	0.0
119	01/16/2023 12:35:21	0.0	0.0	0.0	0.0
120	01/16/2023 12:36:21	0.0	0.0	0.0	0.0
121	01/16/2023 12:37:21	0.0	0.0	0.0	0.0
122	01/16/2023 12:38:21	0.0	0.0	0.0	0.0
123	01/16/2023 12:39:21	0.0	0.0	0.0	0.0
124	01/16/2023 12:40:21	0.0	0.0	0.0	0.0
125	01/16/2023 12:41:21	0.0	0.0	0.0	0.0
126	01/16/2023 12:42:21	0.0	0.0	0.0	0.0

127	01/16/2023 12:43:21	0.0	0.0	0.0	0.0
128	01/16/2023 12:44:21	0.0	0.0	0.0	0.0
129	01/16/2023 12:45:21	0.0	0.0	0.0	0.0
130	01/16/2023 12:46:21	0.0	0.0	0.0	0.0
131	01/16/2023 12:47:21	0.0	0.0	0.0	0.0
132	01/16/2023 12:48:21	0.0	0.0	0.0	0.0
133	01/16/2023 12:49:21	0.0	0.0	0.0	0.0
134	01/16/2023 12:50:21	0.0	0.0	0.0	0.0
135	01/16/2023 12:51:21	0.0	0.0	0.0	0.0
136	01/16/2023 12:52:21	0.0	0.0	0.0	0.0
137	01/16/2023 12:53:21	0.0	0.0	0.0	0.0
138	01/16/2023 12:54:21	0.0	0.0	0.0	0.0
139	01/16/2023 12:55:21	0.0	0.0	0.0	0.0
140	01/16/2023 12:56:21	0.0	0.0	0.0	0.0
141	01/16/2023 12:57:21	0.0	0.0	0.0	0.0
142	01/16/2023 12:58:21	0.0	0.0	0.0	0.0
143	01/16/2023 12:59:21	0.0	0.0	0.0	0.0
144	01/16/2023 13:00:21	0.0	0.0	0.0	0.0
145	01/16/2023 13:01:21	0.0	0.0	0.0	0.0
146	01/16/2023 13:02:21	0.0	0.0	0.0	0.0
147	01/16/2023 13:03:21	0.0	0.0	0.0	0.0
148	01/16/2023 13:04:21	0.0	0.0	0.0	0.0
Peak		0.0	0.0	0.0	0.0
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph

PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)
09:50:24
10:15:32
10:40:39
11:05:47
11:30:54
11:56:02
12:21:09
12:46:17

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	01/16/2023 10:37:21	0.0	---
002	01/16/2023 10:38:21	0.0	---
003	01/16/2023 10:39:21	0.0	---
004	01/16/2023 10:40:21	0.0	---
005	01/16/2023 10:41:21	0.0	---
006	01/16/2023 10:42:21	0.0	---
007	01/16/2023 10:43:21	0.0	---
008	01/16/2023 10:44:21	0.0	---
009	01/16/2023 10:45:21	0.0	---
010	01/16/2023 10:46:21	0.0	---
011	01/16/2023 10:47:21	0.0	---
012	01/16/2023 10:48:21	0.0	---
013	01/16/2023 10:49:21	0.0	---
014	01/16/2023 10:50:21	0.0	---
015	01/16/2023 10:51:21	0.0	0.0
016	01/16/2023 10:52:21	0.0	0.0
017	01/16/2023 10:53:21	0.0	0.0
018	01/16/2023 10:54:21	0.0	0.0
019	01/16/2023 10:55:21	0.0	0.0
020	01/16/2023 10:56:21	0.0	0.0
021	01/16/2023 10:57:21	0.0	0.0
022	01/16/2023 10:58:21	0.0	0.0
023	01/16/2023 10:59:21	0.0	0.0
024	01/16/2023 11:00:21	0.0	0.0
025	01/16/2023 11:01:21	0.0	0.0
026	01/16/2023 11:02:21	0.0	0.0
027	01/16/2023 11:03:21	0.0	0.0
028	01/16/2023 11:04:21	0.0	0.0
029	01/16/2023 11:05:21	0.0	0.0
030	01/16/2023 11:06:21	0.0	0.0
031	01/16/2023 11:07:21	0.0	0.0
032	01/16/2023 11:08:21	0.0	0.0
033	01/16/2023 11:09:21	0.0	0.0
034	01/16/2023 11:10:21	0.0	0.0
035	01/16/2023 11:11:21	0.0	0.0
036	01/16/2023 11:12:21	0.0	0.0
037	01/16/2023 11:13:21	0.0	0.0
038	01/16/2023 11:14:21	0.0	0.0
039	01/16/2023 11:15:21	0.0	0.0
040	01/16/2023 11:16:21	0.0	0.0
041	01/16/2023 11:17:21	0.0	0.0
042	01/16/2023 11:18:21	0.0	0.0
043	01/16/2023 11:19:21	0.0	0.0
044	01/16/2023 11:20:21	0.0	0.0
045	01/16/2023 11:21:21	0.0	0.0
046	01/16/2023 11:22:21	0.0	0.0
047	01/16/2023 11:23:21	0.0	0.0
048	01/16/2023 11:24:21	0.0	0.0
049	01/16/2023 11:25:21	0.0	0.0
050	01/16/2023 11:26:21	0.0	0.0
051	01/16/2023 11:27:21	0.0	0.0
052	01/16/2023 11:28:21	0.0	0.0
053	01/16/2023 11:29:21	0.0	0.0
054	01/16/2023 11:30:21	0.0	0.0
055	01/16/2023 11:31:21	0.0	0.0
056	01/16/2023 11:32:21	0.0	0.0
057	01/16/2023 11:33:21	0.0	0.0
058	01/16/2023 11:34:21	0.0	0.0
059	01/16/2023 11:35:21	0.0	0.0
060	01/16/2023 11:36:21	0.0	0.0
061	01/16/2023 11:37:21	0.0	0.0

062	01/16/2023 11:38:21	0.0	0.0
063	01/16/2023 11:39:21	0.0	0.0
064	01/16/2023 11:40:21	0.0	0.0
065	01/16/2023 11:41:21	0.0	0.0
066	01/16/2023 11:42:21	0.0	0.0
067	01/16/2023 11:43:21	0.0	0.0
068	01/16/2023 11:44:21	0.0	0.0
069	01/16/2023 11:45:21	0.0	0.0
070	01/16/2023 11:46:21	0.0	0.0
071	01/16/2023 11:47:21	0.0	0.0
072	01/16/2023 11:48:21	0.0	0.0
073	01/16/2023 11:49:21	0.0	0.0
074	01/16/2023 11:50:21	0.0	0.0
075	01/16/2023 11:51:21	0.0	0.0
076	01/16/2023 11:52:21	0.0	0.0
077	01/16/2023 11:53:21	0.0	0.0
078	01/16/2023 11:54:21	0.0	0.0
079	01/16/2023 11:55:21	0.0	0.0
080	01/16/2023 11:56:21	0.0	0.0
081	01/16/2023 11:57:21	0.0	0.0
082	01/16/2023 11:58:21	0.0	0.0
083	01/16/2023 11:59:21	0.0	0.0
084	01/16/2023 12:00:21	0.0	0.0
085	01/16/2023 12:01:21	0.0	0.0
086	01/16/2023 12:02:21	0.0	0.0
087	01/16/2023 12:03:21	0.0	0.0
088	01/16/2023 12:04:21	0.0	0.0
089	01/16/2023 12:05:21	0.0	0.0
090	01/16/2023 12:06:21	0.0	0.0
091	01/16/2023 12:07:21	0.0	0.0
092	01/16/2023 12:08:21	0.0	0.0
093	01/16/2023 12:09:21	0.0	0.0
094	01/16/2023 12:10:21	0.0	0.0
095	01/16/2023 12:11:21	0.0	0.0
096	01/16/2023 12:12:21	0.0	0.0
097	01/16/2023 12:13:21	0.0	0.0
098	01/16/2023 12:14:21	0.0	0.0
099	01/16/2023 12:15:21	0.0	0.0
100	01/16/2023 12:16:21	0.0	0.0
101	01/16/2023 12:17:21	0.0	0.0
102	01/16/2023 12:18:21	0.0	0.0
103	01/16/2023 12:19:21	0.0	0.0
104	01/16/2023 12:20:21	0.0	0.0
105	01/16/2023 12:21:21	0.0	0.0
106	01/16/2023 12:22:21	0.0	0.0
107	01/16/2023 12:23:21	0.0	0.0
108	01/16/2023 12:24:21	0.0	0.0
109	01/16/2023 12:25:21	0.0	0.0
110	01/16/2023 12:26:21	0.0	0.0
111	01/16/2023 12:27:21	0.0	0.0
112	01/16/2023 12:28:21	0.0	0.0
113	01/16/2023 12:29:21	0.0	0.0
114	01/16/2023 12:30:21	0.0	0.0
115	01/16/2023 12:31:21	0.0	0.0
116	01/16/2023 12:32:21	0.0	0.0
117	01/16/2023 12:33:21	0.0	0.0
118	01/16/2023 12:34:21	0.0	0.0
119	01/16/2023 12:35:21	0.0	0.0
120	01/16/2023 12:36:21	0.0	0.0
121	01/16/2023 12:37:21	0.0	0.0
122	01/16/2023 12:38:21	0.0	0.0
123	01/16/2023 12:39:21	0.0	0.0
124	01/16/2023 12:40:21	0.0	0.0
125	01/16/2023 12:41:21	0.0	0.0
126	01/16/2023 12:42:21	0.0	0.0

127	01/16/2023 12:43:21	0.0	0.0
128	01/16/2023 12:44:21	0.0	0.0
129	01/16/2023 12:45:21	0.0	0.0
130	01/16/2023 12:46:21	0.0	0.0
131	01/16/2023 12:47:21	0.0	0.0
132	01/16/2023 12:48:21	0.0	0.0
133	01/16/2023 12:49:21	0.0	0.0
134	01/16/2023 12:50:21	0.0	0.0
135	01/16/2023 12:51:21	0.0	0.0
136	01/16/2023 12:52:21	0.0	0.0
137	01/16/2023 12:53:21	0.0	0.0
138	01/16/2023 12:54:21	0.0	0.0
139	01/16/2023 12:55:21	0.0	0.0
140	01/16/2023 12:56:21	0.0	0.0
141	01/16/2023 12:57:21	0.0	0.0
142	01/16/2023 12:58:21	0.0	0.0
143	01/16/2023 12:59:21	0.0	0.0
144	01/16/2023 13:00:21	0.0	0.0
145	01/16/2023 13:01:21	0.0	0.0
146	01/16/2023 13:02:21	0.0	0.0
147	01/16/2023 13:03:21	0.0	0.0
148	01/16/2023 13:04:21	0.0	0.0

Datalog

Current Event:23/01/16 13:04

Datalog

Current Event:23/01/17 07:47

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-910551
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	1/17/2023 07:47:37
End	1/17/2023 10:49:03
Sample Period(s)	60
Number of Records	181
Sensor	PID(ppm)
Sensor SN	S023030074C1
Measure Type	Min; Avg; Max; Real
Span	100.0
Span 2	1000.0
Low Alarm	50.0
High Alarm	100.0
Over Alarm	15000.0
STEL Alarm	25.0
TWA Alarm	10.0
Measurement Gas	Isobutylene
Calibration Time	1/12/2023 11:12
Peak	0.1
Min	0.0
Average	0.0

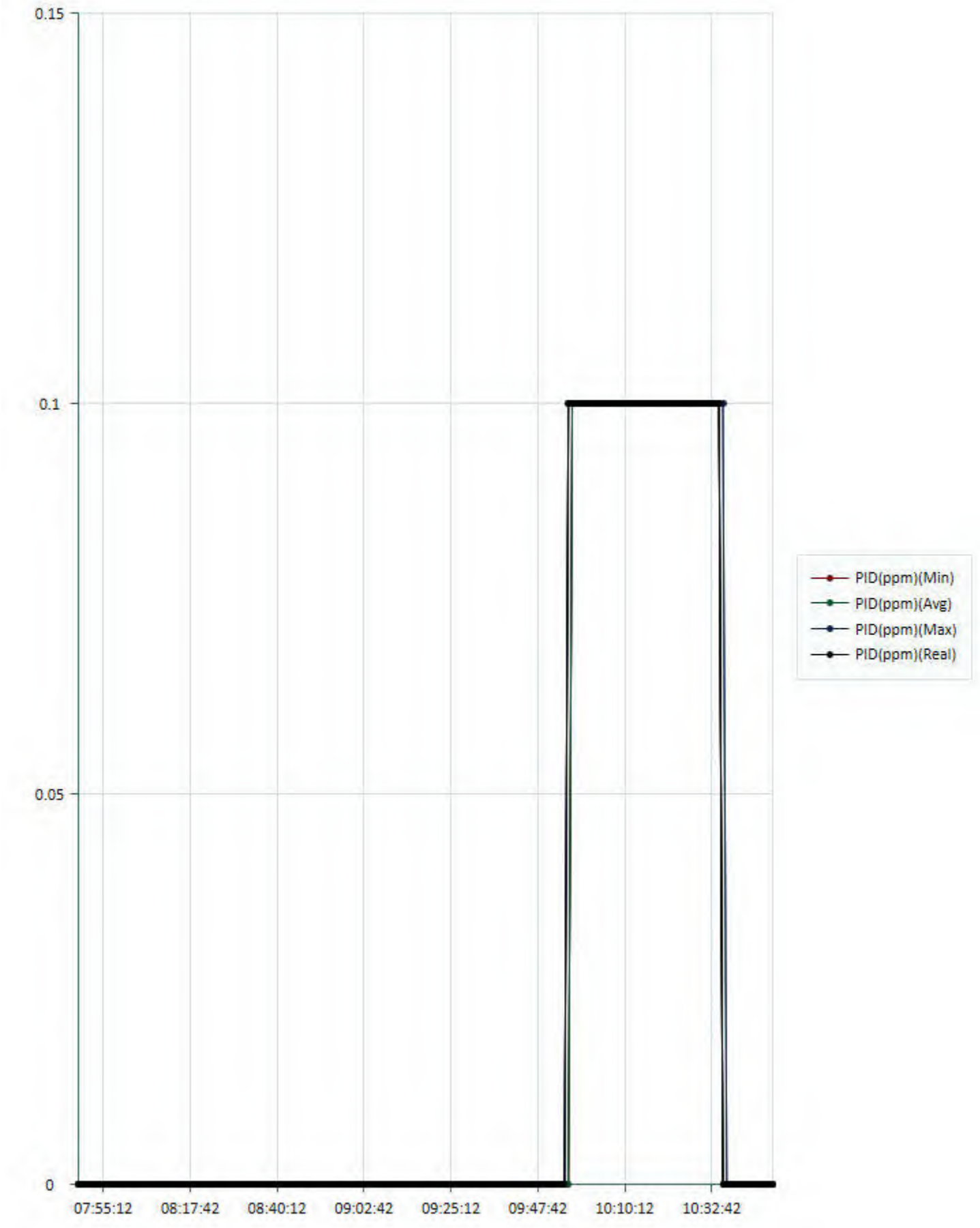
Sheet

Index	Date/Time	PID(ppm) (Min)	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	1/17/2023 07:48:37	0.0	0.0	0.0	0.0
002	1/17/2023 07:49:37	0.0	0.0	0.0	0.0
003	1/17/2023 07:50:37	0.0	0.0	0.0	0.0
004	1/17/2023 07:51:37	0.0	0.0	0.0	0.0
005	1/17/2023 07:52:37	0.0	0.0	0.0	0.0
006	1/17/2023 07:53:37	0.0	0.0	0.0	0.0
007	1/17/2023 07:54:37	0.0	0.0	0.0	0.0
008	1/17/2023 07:55:37	0.0	0.0	0.0	0.0
009	1/17/2023 07:56:37	0.0	0.0	0.0	0.0
010	1/17/2023 07:57:37	0.0	0.0	0.0	0.0
011	1/17/2023 07:58:37	0.0	0.0	0.0	0.0
012	1/17/2023 07:59:37	0.0	0.0	0.0	0.0
013	1/17/2023 08:00:37	0.0	0.0	0.0	0.0
014	1/17/2023 08:01:37	0.0	0.0	0.0	0.0
015	1/17/2023 08:02:37	0.0	0.0	0.0	0.0
016	1/17/2023 08:03:37	0.0	0.0	0.0	0.0
017	1/17/2023 08:04:37	0.0	0.0	0.0	0.0
018	1/17/2023 08:05:37	0.0	0.0	0.0	0.0
019	1/17/2023 08:06:37	0.0	0.0	0.0	0.0
020	1/17/2023 08:07:37	0.0	0.0	0.0	0.0
021	1/17/2023 08:08:37	0.0	0.0	0.0	0.0
022	1/17/2023 08:09:37	0.0	0.0	0.0	0.0
023	1/17/2023 08:10:37	0.0	0.0	0.0	0.0
024	1/17/2023 08:11:37	0.0	0.0	0.0	0.0
025	1/17/2023 08:12:37	0.0	0.0	0.0	0.0
026	1/17/2023 08:13:37	0.0	0.0	0.0	0.0
027	1/17/2023 08:14:37	0.0	0.0	0.0	0.0
028	1/17/2023 08:15:37	0.0	0.0	0.0	0.0
029	1/17/2023 08:16:37	0.0	0.0	0.0	0.0
030	1/17/2023 08:17:37	0.0	0.0	0.0	0.0
031	1/17/2023 08:18:37	0.0	0.0	0.0	0.0
032	1/17/2023 08:19:37	0.0	0.0	0.0	0.0
033	1/17/2023 08:20:37	0.0	0.0	0.0	0.0
034	1/17/2023 08:21:37	0.0	0.0	0.0	0.0
035	1/17/2023 08:22:37	0.0	0.0	0.0	0.0
036	1/17/2023 08:23:37	0.0	0.0	0.0	0.0
037	1/17/2023 08:24:37	0.0	0.0	0.0	0.0
038	1/17/2023 08:25:37	0.0	0.0	0.0	0.0
039	1/17/2023 08:26:37	0.0	0.0	0.0	0.0
040	1/17/2023 08:27:37	0.0	0.0	0.0	0.0
041	1/17/2023 08:28:37	0.0	0.0	0.0	0.0
042	1/17/2023 08:29:37	0.0	0.0	0.0	0.0
043	1/17/2023 08:30:37	0.0	0.0	0.0	0.0
044	1/17/2023 08:31:37	0.0	0.0	0.0	0.0
045	1/17/2023 08:32:37	0.0	0.0	0.0	0.0
046	1/17/2023 08:33:37	0.0	0.0	0.0	0.0
047	1/17/2023 08:34:37	0.0	0.0	0.0	0.0
048	1/17/2023 08:35:37	0.0	0.0	0.0	0.0
049	1/17/2023 08:36:37	0.0	0.0	0.0	0.0
050	1/17/2023 08:37:37	0.0	0.0	0.0	0.0
051	1/17/2023 08:38:37	0.0	0.0	0.0	0.0
052	1/17/2023 08:39:37	0.0	0.0	0.0	0.0
053	1/17/2023 08:40:37	0.0	0.0	0.0	0.0
054	1/17/2023 08:41:37	0.0	0.0	0.0	0.0
055	1/17/2023 08:42:37	0.0	0.0	0.0	0.0
056	1/17/2023 08:43:37	0.0	0.0	0.0	0.0
057	1/17/2023 08:44:37	0.0	0.0	0.0	0.0
058	1/17/2023 08:45:37	0.0	0.0	0.0	0.0
059	1/17/2023 08:46:37	0.0	0.0	0.0	0.0
060	1/17/2023 08:47:37	0.0	0.0	0.0	0.0
061	1/17/2023 08:48:37	0.0	0.0	0.0	0.0

062	1/17/2023 08:49:37	0.0	0.0	0.0	0.0
063	1/17/2023 08:50:37	0.0	0.0	0.0	0.0
064	1/17/2023 08:51:37	0.0	0.0	0.0	0.0
065	1/17/2023 08:52:37	0.0	0.0	0.0	0.0
066	1/17/2023 08:53:37	0.0	0.0	0.0	0.0
067	1/17/2023 08:54:37	0.0	0.0	0.0	0.0
068	1/17/2023 08:55:37	0.0	0.0	0.0	0.0
069	1/17/2023 08:56:37	0.0	0.0	0.0	0.0
070	1/17/2023 08:57:37	0.0	0.0	0.0	0.0
071	1/17/2023 08:58:37	0.0	0.0	0.0	0.0
072	1/17/2023 08:59:37	0.0	0.0	0.0	0.0
073	1/17/2023 09:00:37	0.0	0.0	0.0	0.0
074	1/17/2023 09:01:37	0.0	0.0	0.0	0.0
075	1/17/2023 09:02:37	0.0	0.0	0.0	0.0
076	1/17/2023 09:03:37	0.0	0.0	0.0	0.0
077	1/17/2023 09:04:37	0.0	0.0	0.0	0.0
078	1/17/2023 09:05:37	0.0	0.0	0.0	0.0
079	1/17/2023 09:06:37	0.0	0.0	0.0	0.0
080	1/17/2023 09:07:37	0.0	0.0	0.0	0.0
081	1/17/2023 09:08:37	0.0	0.0	0.0	0.0
082	1/17/2023 09:09:37	0.0	0.0	0.0	0.0
083	1/17/2023 09:10:37	0.0	0.0	0.0	0.0
084	1/17/2023 09:11:37	0.0	0.0	0.0	0.0
085	1/17/2023 09:12:37	0.0	0.0	0.0	0.0
086	1/17/2023 09:13:37	0.0	0.0	0.0	0.0
087	1/17/2023 09:14:37	0.0	0.0	0.0	0.0
088	1/17/2023 09:15:37	0.0	0.0	0.0	0.0
089	1/17/2023 09:16:37	0.0	0.0	0.0	0.0
090	1/17/2023 09:17:37	0.0	0.0	0.0	0.0
091	1/17/2023 09:18:37	0.0	0.0	0.0	0.0
092	1/17/2023 09:19:37	0.0	0.0	0.0	0.0
093	1/17/2023 09:20:37	0.0	0.0	0.0	0.0
094	1/17/2023 09:21:37	0.0	0.0	0.0	0.0
095	1/17/2023 09:22:37	0.0	0.0	0.0	0.0
096	1/17/2023 09:23:37	0.0	0.0	0.0	0.0
097	1/17/2023 09:24:37	0.0	0.0	0.0	0.0
098	1/17/2023 09:25:37	0.0	0.0	0.0	0.0
099	1/17/2023 09:26:37	0.0	0.0	0.0	0.0
100	1/17/2023 09:27:37	0.0	0.0	0.0	0.0
101	1/17/2023 09:28:37	0.0	0.0	0.0	0.0
102	1/17/2023 09:29:37	0.0	0.0	0.0	0.0
103	1/17/2023 09:30:37	0.0	0.0	0.0	0.0
104	1/17/2023 09:31:37	0.0	0.0	0.0	0.0
105	1/17/2023 09:32:37	0.0	0.0	0.0	0.0
106	1/17/2023 09:33:37	0.0	0.0	0.0	0.0
107	1/17/2023 09:34:37	0.0	0.0	0.0	0.0
108	1/17/2023 09:35:37	0.0	0.0	0.0	0.0
109	1/17/2023 09:36:37	0.0	0.0	0.0	0.0
110	1/17/2023 09:37:37	0.0	0.0	0.0	0.0
111	1/17/2023 09:38:37	0.0	0.0	0.0	0.0
112	1/17/2023 09:39:37	0.0	0.0	0.0	0.0
113	1/17/2023 09:40:37	0.0	0.0	0.0	0.0
114	1/17/2023 09:41:37	0.0	0.0	0.0	0.0
115	1/17/2023 09:42:37	0.0	0.0	0.0	0.0
116	1/17/2023 09:43:37	0.0	0.0	0.0	0.0
117	1/17/2023 09:44:37	0.0	0.0	0.0	0.0
118	1/17/2023 09:45:37	0.0	0.0	0.0	0.0
119	1/17/2023 09:46:37	0.0	0.0	0.0	0.0
120	1/17/2023 09:47:37	0.0	0.0	0.0	0.0
121	1/17/2023 09:48:37	0.0	0.0	0.0	0.0
122	1/17/2023 09:49:37	0.0	0.0	0.0	0.0
123	1/17/2023 09:50:37	0.0	0.0	0.0	0.0
124	1/17/2023 09:51:37	0.0	0.0	0.0	0.0
125	1/17/2023 09:52:37	0.0	0.0	0.0	0.0
126	1/17/2023 09:53:37	0.0	0.0	0.0	0.0

127	1/17/2023 09:54:37	0.0	0.0	0.0	0.0
128	1/17/2023 09:55:37	0.0	0.0	0.1	0.1
129	1/17/2023 09:56:37	0.1	0.1	0.1	0.1
130	1/17/2023 09:57:37	0.1	0.1	0.1	0.1
131	1/17/2023 09:58:37	0.1	0.1	0.1	0.1
132	1/17/2023 09:59:37	0.1	0.1	0.1	0.1
133	1/17/2023 10:00:37	0.1	0.1	0.1	0.1
134	1/17/2023 10:01:37	0.1	0.1	0.1	0.1
135	1/17/2023 10:02:37	0.1	0.1	0.1	0.1
136	1/17/2023 10:03:37	0.1	0.1	0.1	0.1
137	1/17/2023 10:04:37	0.1	0.1	0.1	0.1
138	1/17/2023 10:05:37	0.1	0.1	0.1	0.1
139	1/17/2023 10:06:37	0.1	0.1	0.1	0.1
140	1/17/2023 10:07:37	0.1	0.1	0.1	0.1
141	1/17/2023 10:08:37	0.1	0.1	0.1	0.1
142	1/17/2023 10:09:37	0.1	0.1	0.1	0.1
143	1/17/2023 10:10:37	0.1	0.1	0.1	0.1
144	1/17/2023 10:11:37	0.1	0.1	0.1	0.1
145	1/17/2023 10:12:37	0.1	0.1	0.1	0.1
146	1/17/2023 10:13:37	0.1	0.1	0.1	0.1
147	1/17/2023 10:14:37	0.1	0.1	0.1	0.1
148	1/17/2023 10:15:37	0.1	0.1	0.1	0.1
149	1/17/2023 10:16:37	0.1	0.1	0.1	0.1
150	1/17/2023 10:17:37	0.1	0.1	0.1	0.1
151	1/17/2023 10:18:37	0.1	0.1	0.1	0.1
152	1/17/2023 10:19:37	0.1	0.1	0.1	0.1
153	1/17/2023 10:20:37	0.1	0.1	0.1	0.1
154	1/17/2023 10:21:37	0.1	0.1	0.1	0.1
155	1/17/2023 10:22:37	0.1	0.1	0.1	0.1
156	1/17/2023 10:23:37	0.1	0.1	0.1	0.1
157	1/17/2023 10:24:37	0.1	0.1	0.1	0.1
158	1/17/2023 10:25:37	0.1	0.1	0.1	0.1
159	1/17/2023 10:26:37	0.1	0.1	0.1	0.1
160	1/17/2023 10:27:37	0.1	0.1	0.1	0.1
161	1/17/2023 10:28:37	0.1	0.1	0.1	0.1
162	1/17/2023 10:29:37	0.1	0.1	0.1	0.1
163	1/17/2023 10:30:37	0.1	0.1	0.1	0.1
164	1/17/2023 10:31:37	0.1	0.1	0.1	0.1
165	1/17/2023 10:32:37	0.1	0.1	0.1	0.1
166	1/17/2023 10:33:37	0.1	0.1	0.1	0.1
167	1/17/2023 10:34:37	0.1	0.1	0.1	0.1
168	1/17/2023 10:35:37	0.0	0.0	0.1	0.0
169	1/17/2023 10:36:37	0.0	0.0	0.0	0.0
170	1/17/2023 10:37:37	0.0	0.0	0.0	0.0
171	1/17/2023 10:38:37	0.0	0.0	0.0	0.0
172	1/17/2023 10:39:37	0.0	0.0	0.0	0.0
173	1/17/2023 10:40:37	0.0	0.0	0.0	0.0
174	1/17/2023 10:41:37	0.0	0.0	0.0	0.0
175	1/17/2023 10:42:37	0.0	0.0	0.0	0.0
176	1/17/2023 10:43:37	0.0	0.0	0.0	0.0
177	1/17/2023 10:44:37	0.0	0.0	0.0	0.0
178	1/17/2023 10:45:37	0.0	0.0	0.0	0.0
179	1/17/2023 10:46:37	0.0	0.0	0.0	0.0
180	1/17/2023 10:47:37	0.0	0.0	0.0	0.0
181	1/17/2023 10:48:37	0.0	0.0	0.0	0.0
Peak		0.1	0.1	0.1	0.1
Min		0.0	0.0	0.0	0.0
Average		0.0	0.0	0.0	0.0

Graph


0.15
0.1
0.05
0
07:55:12
08:17:42
08:40:12
09:02:42
09:25:12
09:47:42
10:10:12
10:32:42
PID(ppm)(Min)
PID(ppm)(Avg)
PID(ppm)(Max)
PID(ppm)(Real)

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	1/17/2023 07:48:37	0.0	---
002	1/17/2023 07:49:37	0.0	---
003	1/17/2023 07:50:37	0.0	---
004	1/17/2023 07:51:37	0.0	---
005	1/17/2023 07:52:37	0.0	---
006	1/17/2023 07:53:37	0.0	---
007	1/17/2023 07:54:37	0.0	---
008	1/17/2023 07:55:37	0.0	---
009	1/17/2023 07:56:37	0.0	---
010	1/17/2023 07:57:37	0.0	---
011	1/17/2023 07:58:37	0.0	---
012	1/17/2023 07:59:37	0.0	---
013	1/17/2023 08:00:37	0.0	---
014	1/17/2023 08:01:37	0.0	---
015	1/17/2023 08:02:37	0.0	0.0
016	1/17/2023 08:03:37	0.0	0.0
017	1/17/2023 08:04:37	0.0	0.0
018	1/17/2023 08:05:37	0.0	0.0
019	1/17/2023 08:06:37	0.0	0.0
020	1/17/2023 08:07:37	0.0	0.0
021	1/17/2023 08:08:37	0.0	0.0
022	1/17/2023 08:09:37	0.0	0.0
023	1/17/2023 08:10:37	0.0	0.0
024	1/17/2023 08:11:37	0.0	0.0
025	1/17/2023 08:12:37	0.0	0.0
026	1/17/2023 08:13:37	0.0	0.0
027	1/17/2023 08:14:37	0.0	0.0
028	1/17/2023 08:15:37	0.0	0.0
029	1/17/2023 08:16:37	0.0	0.0
030	1/17/2023 08:17:37	0.0	0.0
031	1/17/2023 08:18:37	0.0	0.0
032	1/17/2023 08:19:37	0.0	0.0
033	1/17/2023 08:20:37	0.0	0.0
034	1/17/2023 08:21:37	0.0	0.0
035	1/17/2023 08:22:37	0.0	0.0
036	1/17/2023 08:23:37	0.0	0.0
037	1/17/2023 08:24:37	0.0	0.0
038	1/17/2023 08:25:37	0.0	0.0
039	1/17/2023 08:26:37	0.0	0.0
040	1/17/2023 08:27:37	0.0	0.0
041	1/17/2023 08:28:37	0.0	0.0
042	1/17/2023 08:29:37	0.0	0.0
043	1/17/2023 08:30:37	0.0	0.0
044	1/17/2023 08:31:37	0.0	0.0
045	1/17/2023 08:32:37	0.0	0.0
046	1/17/2023 08:33:37	0.0	0.0
047	1/17/2023 08:34:37	0.0	0.0
048	1/17/2023 08:35:37	0.0	0.0
049	1/17/2023 08:36:37	0.0	0.0
050	1/17/2023 08:37:37	0.0	0.0
051	1/17/2023 08:38:37	0.0	0.0
052	1/17/2023 08:39:37	0.0	0.0
053	1/17/2023 08:40:37	0.0	0.0
054	1/17/2023 08:41:37	0.0	0.0
055	1/17/2023 08:42:37	0.0	0.0
056	1/17/2023 08:43:37	0.0	0.0
057	1/17/2023 08:44:37	0.0	0.0
058	1/17/2023 08:45:37	0.0	0.0
059	1/17/2023 08:46:37	0.0	0.0
060	1/17/2023 08:47:37	0.0	0.0
061	1/17/2023 08:48:37	0.0	0.0

062	1/17/2023 08:49:37	0.0	0.0
063	1/17/2023 08:50:37	0.0	0.0
064	1/17/2023 08:51:37	0.0	0.0
065	1/17/2023 08:52:37	0.0	0.0
066	1/17/2023 08:53:37	0.0	0.0
067	1/17/2023 08:54:37	0.0	0.0
068	1/17/2023 08:55:37	0.0	0.0
069	1/17/2023 08:56:37	0.0	0.0
070	1/17/2023 08:57:37	0.0	0.0
071	1/17/2023 08:58:37	0.0	0.0
072	1/17/2023 08:59:37	0.0	0.0
073	1/17/2023 09:00:37	0.0	0.0
074	1/17/2023 09:01:37	0.0	0.0
075	1/17/2023 09:02:37	0.0	0.0
076	1/17/2023 09:03:37	0.0	0.0
077	1/17/2023 09:04:37	0.0	0.0
078	1/17/2023 09:05:37	0.0	0.0
079	1/17/2023 09:06:37	0.0	0.0
080	1/17/2023 09:07:37	0.0	0.0
081	1/17/2023 09:08:37	0.0	0.0
082	1/17/2023 09:09:37	0.0	0.0
083	1/17/2023 09:10:37	0.0	0.0
084	1/17/2023 09:11:37	0.0	0.0
085	1/17/2023 09:12:37	0.0	0.0
086	1/17/2023 09:13:37	0.0	0.0
087	1/17/2023 09:14:37	0.0	0.0
088	1/17/2023 09:15:37	0.0	0.0
089	1/17/2023 09:16:37	0.0	0.0
090	1/17/2023 09:17:37	0.0	0.0
091	1/17/2023 09:18:37	0.0	0.0
092	1/17/2023 09:19:37	0.0	0.0
093	1/17/2023 09:20:37	0.0	0.0
094	1/17/2023 09:21:37	0.0	0.0
095	1/17/2023 09:22:37	0.0	0.0
096	1/17/2023 09:23:37	0.0	0.0
097	1/17/2023 09:24:37	0.0	0.0
098	1/17/2023 09:25:37	0.0	0.0
099	1/17/2023 09:26:37	0.0	0.0
100	1/17/2023 09:27:37	0.0	0.0
101	1/17/2023 09:28:37	0.0	0.0
102	1/17/2023 09:29:37	0.0	0.0
103	1/17/2023 09:30:37	0.0	0.0
104	1/17/2023 09:31:37	0.0	0.0
105	1/17/2023 09:32:37	0.0	0.0
106	1/17/2023 09:33:37	0.0	0.0
107	1/17/2023 09:34:37	0.0	0.0
108	1/17/2023 09:35:37	0.0	0.0
109	1/17/2023 09:36:37	0.0	0.0
110	1/17/2023 09:37:37	0.0	0.0
111	1/17/2023 09:38:37	0.0	0.0
112	1/17/2023 09:39:37	0.0	0.0
113	1/17/2023 09:40:37	0.0	0.0
114	1/17/2023 09:41:37	0.0	0.0
115	1/17/2023 09:42:37	0.0	0.0
116	1/17/2023 09:43:37	0.0	0.0
117	1/17/2023 09:44:37	0.0	0.0
118	1/17/2023 09:45:37	0.0	0.0
119	1/17/2023 09:46:37	0.0	0.0
120	1/17/2023 09:47:37	0.0	0.0
121	1/17/2023 09:48:37	0.0	0.0
122	1/17/2023 09:49:37	0.0	0.0
123	1/17/2023 09:50:37	0.0	0.0
124	1/17/2023 09:51:37	0.0	0.0
125	1/17/2023 09:52:37	0.0	0.0
126	1/17/2023 09:53:37	0.0	0.0

127	1/17/2023 09:54:37	0.0	0.0
128	1/17/2023 09:55:37	0.0	0.0
129	1/17/2023 09:56:37	0.0	0.0
130	1/17/2023 09:57:37	0.0	0.0
131	1/17/2023 09:58:37	0.0	0.0
132	1/17/2023 09:59:37	0.0	0.0
133	1/17/2023 10:00:37	0.0	0.0
134	1/17/2023 10:01:37	0.0	0.0
135	1/17/2023 10:02:37	0.0	0.1
136	1/17/2023 10:03:37	0.0	0.1
137	1/17/2023 10:04:37	0.0	0.1
138	1/17/2023 10:05:37	0.0	0.1
139	1/17/2023 10:06:37	0.0	0.1
140	1/17/2023 10:07:37	0.0	0.1
141	1/17/2023 10:08:37	0.0	0.1
142	1/17/2023 10:09:37	0.0	0.1
143	1/17/2023 10:10:37	0.0	0.1
144	1/17/2023 10:11:37	0.0	0.1
145	1/17/2023 10:12:37	0.0	0.1
146	1/17/2023 10:13:37	0.0	0.1
147	1/17/2023 10:14:37	0.0	0.1
148	1/17/2023 10:15:37	0.0	0.1
149	1/17/2023 10:16:37	0.0	0.1
150	1/17/2023 10:17:37	0.0	0.1
151	1/17/2023 10:18:37	0.0	0.1
152	1/17/2023 10:19:37	0.0	0.1
153	1/17/2023 10:20:37	0.0	0.1
154	1/17/2023 10:21:37	0.0	0.1
155	1/17/2023 10:22:37	0.0	0.1
156	1/17/2023 10:23:37	0.0	0.1
157	1/17/2023 10:24:37	0.0	0.1
158	1/17/2023 10:25:37	0.0	0.1
159	1/17/2023 10:26:37	0.0	0.1
160	1/17/2023 10:27:37	0.0	0.1
161	1/17/2023 10:28:37	0.0	0.1
162	1/17/2023 10:29:37	0.0	0.1
163	1/17/2023 10:30:37	0.0	0.1
164	1/17/2023 10:31:37	0.0	0.1
165	1/17/2023 10:32:37	0.0	0.1
166	1/17/2023 10:33:37	0.0	0.1
167	1/17/2023 10:34:37	0.0	0.1
168	1/17/2023 10:35:37	0.0	0.1
169	1/17/2023 10:36:37	0.0	0.1
170	1/17/2023 10:37:37	0.0	0.1
171	1/17/2023 10:38:37	0.0	0.1
172	1/17/2023 10:39:37	0.0	0.1
173	1/17/2023 10:40:37	0.0	0.1
174	1/17/2023 10:41:37	0.0	0.1
175	1/17/2023 10:42:37	0.0	0.1
176	1/17/2023 10:43:37	0.0	0.0
177	1/17/2023 10:44:37	0.0	0.0
178	1/17/2023 10:45:37	0.0	0.0
179	1/17/2023 10:46:37	0.0	0.0
180	1/17/2023 10:47:37	0.0	0.0
181	1/17/2023 10:48:37	0.0	0.0

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530121605
Firmware Version	3.1
Calibration Date	1/22/2024
Test Name	MANUAL_001
Test Start Time	9:49:50 AM
Test Start Date	4/10/2024
Test Length [D:H:M]	0:01:09
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.021
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	69

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.034		
120	0.028		
180	0.024		
240	0.024		
300	0.026		
360	0.029		
420	0.026		
480	0.025		
540	0.025		
600	0.023		
660	0.03		
720	0.043		
780	0.033		
840	0.029		
900	0.027		
960	0.025		
1020	0.025		
1080	0.029		
1140	0.025		
1200	0.024		
1260	0.025		
1320	0.025		
1380	0.023		
1440	0.024		

1500	0.023
1560	0.024
1620	0.022
1680	0.022
1740	0.021
1800	0.024
1860	0.021
1920	0.022
1980	0.022
2040	0.023
2100	0.023
2160	0.022
2220	0.024
2280	0.022
2340	0.023
2400	0.025
2460	0.023
2520	0.022
2580	0.022
2640	0.021
2700	0.021
2760	0.023
2820	0.022
2880	0.023
2940	0.024
3000	0.023
3060	0.022
3120	0.024
3180	0.024
3240	0.025
3300	0.025
3360	0.023
3420	0.023
3480	0.021
3540	0.021
3600	0.021
3660	0.023
3720	0.023
3780	0.021
3840	0.022
3900	0.021
3960	0.022
4020	0.022
4080	0.022

4140	0.023

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530121605
Firmware Version	3.1
Calibration Date	1/22/2024
Test Name	MANUAL_002
Test Start Time	11:28:33 AM
Test Start Date	4/10/2024
Test Length [D:H:M]	0:02:29
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.029
Mass Minimum [mg/m3]	0.024
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	149

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.043		
120	0.025		
180	0.026		
240	0.03		
300	0.027		
360	0.026		
420	0.025		
480	0.025		
540	0.025		
600	0.025		
660	0.027		
720	0.026		
780	0.027		
840	0.024		
900	0.025		
960	0.031		
1020	0.025		
1080	0.025		
1140	0.026		
1200	0.025		
1260	0.025		
1320	0.027		
1380	0.027		
1440	0.026		

1500	0.025
1560	0.027
1620	0.027
1680	0.027
1740	0.028
1800	0.029
1860	0.027
1920	0.027
1980	0.027
2040	0.026
2100	0.026
2160	0.026
2220	0.027
2280	0.026
2340	0.029
2400	0.026
2460	0.025
2520	0.026
2580	0.028
2640	0.027
2700	0.027
2760	0.027
2820	0.027
2880	0.026
2940	0.026
3000	0.027
3060	0.028
3120	0.027
3180	0.029
3240	0.029
3300	0.026
3360	0.026
3420	0.026
3480	0.027
3540	0.025
3600	0.025
3660	0.025
3720	0.025
3780	0.026
3840	0.027
3900	0.027
3960	0.031
4020	0.026
4080	0.027

4140	0.027
4200	0.025
4260	0.027
4320	0.025
4380	0.026
4440	0.026
4500	0.026
4560	0.029
4620	0.027
4680	0.026
4740	0.027
4800	0.027
4860	0.028
4920	0.028
4980	0.028
5040	0.031
5100	0.035
5160	0.03
5220	0.027
5280	0.027
5340	0.027
5400	0.028
5460	0.028
5520	0.029
5580	0.028
5640	0.029
5700	0.029
5760	0.031
5820	0.03
5880	0.029
5940	0.03
6000	0.031
6060	0.029
6120	0.029
6180	0.029
6240	0.03
6300	0.029
6360	0.03
6420	0.033
6480	0.029
6540	0.028
6600	0.029
6660	0.03
6720	0.029

6780	0.03
6840	0.03
6900	0.03
6960	0.03
7020	0.031
7080	0.03
7140	0.031
7200	0.031
7260	0.03
7320	0.03
7380	0.03
7440	0.032
7500	0.031
7560	0.031
7620	0.033
7680	0.033
7740	0.032
7800	0.031
7860	0.03
7920	0.031
7980	0.03
8040	0.031
8100	0.032
8160	0.033
8220	0.032
8280	0.032
8340	0.033
8400	0.031
8460	0.031
8520	0.032
8580	0.032
8640	0.039
8700	0.035
8760	0.035
8820	0.034
8880	0.033
8940	0.034

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530121605
Firmware Version	3.1
Calibration Date	1/22/2024
Test Name	MANUAL_003
Test Start Time	11:23:27 AM
Test Start Date	4/11/2024
Test Length [D:H:M]	0:00:11
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.047
Mass Minimum [mg/m3]	0.044
Mass Maximum [mg/m3]	0.05
Mass TWA [mg/m3]	0
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	11

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.05		
120	0.048		
180	0.049		
240	0.047		
300	0.046		
360	0.045		
420	0.047		
480	0.046		
540	0.047		
600	0.046		
660	0.044		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530121605
Firmware Version	3.1
Calibration Date	1/22/2024
Test Name	MANUAL_004
Test Start Time	11:36:31 AM
Test Start Date	4/11/2024
Test Length [D:H:M]	0:03:03
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.025
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.057
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	183

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.057		
120	0.05		
180	0.047		
240	0.044		
300	0.045		
360	0.043		
420	0.04		
480	0.039		
540	0.039		
600	0.041		
660	0.038		
720	0.039		
780	0.044		
840	0.043		
900	0.039		
960	0.035		
1020	0.034		
1080	0.035		
1140	0.038		
1200	0.037		
1260	0.036		
1320	0.035		
1380	0.037		
1440	0.039		

1500	0.036
1560	0.034
1620	0.034
1680	0.034
1740	0.034
1800	0.038
1860	0.036
1920	0.033
1980	0.034
2040	0.034
2100	0.034
2160	0.034
2220	0.034
2280	0.034
2340	0.037
2400	0.034
2460	0.03
2520	0.03
2580	0.03
2640	0.03
2700	0.031
2760	0.032
2820	0.034
2880	0.032
2940	0.032
3000	0.032
3060	0.031
3120	0.03
3180	0.03
3240	0.032
3300	0.03
3360	0.029
3420	0.029
3480	0.03
3540	0.032
3600	0.031
3660	0.029
3720	0.025
3780	0.025
3840	0.027
3900	0.026
3960	0.025
4020	0.027
4080	0.028

4140	0.028
4200	0.028
4260	0.027
4320	0.026
4380	0.025
4440	0.024
4500	0.023
4560	0.023
4620	0.022
4680	0.022
4740	0.022
4800	0.025
4860	0.023
4920	0.024
4980	0.022
5040	0.022
5100	0.023
5160	0.022
5220	0.021
5280	0.022
5340	0.026
5400	0.023
5460	0.024
5520	0.024
5580	0.023
5640	0.023
5700	0.023
5760	0.026
5820	0.023
5880	0.023
5940	0.022
6000	0.024
6060	0.023
6120	0.023
6180	0.021
6240	0.02
6300	0.019
6360	0.019
6420	0.019
6480	0.019
6540	0.018
6600	0.016
6660	0.017
6720	0.018

6780	0.023
6840	0.022
6900	0.019
6960	0.017
7020	0.017
7080	0.019
7140	0.019
7200	0.02
7260	0.02
7320	0.017
7380	0.018
7440	0.021
7500	0.02
7560	0.019
7620	0.022
7680	0.021
7740	0.021
7800	0.021
7860	0.021
7920	0.021
7980	0.02
8040	0.018
8100	0.017
8160	0.02
8220	0.018
8280	0.017
8340	0.018
8400	0.021
8460	0.018
8520	0.017
8580	0.016
8640	0.016
8700	0.016
8760	0.017
8820	0.016
8880	0.016
8940	0.016
9000	0.017
9060	0.017
9120	0.018
9180	0.018
9240	0.017
9300	0.017
9360	0.018

9420	0.017
9480	0.018
9540	0.018
9600	0.018
9660	0.018
9720	0.018
9780	0.017
9840	0.017
9900	0.017
9960	0.016
10020	0.017
10080	0.017
10140	0.027
10200	0.016
10260	0.016
10320	0.015
10380	0.015
10440	0.015
10500	0.015
10560	0.015
10620	0.016
10680	0.017
10740	0.017
10800	0.016
10860	0.015
10920	0.015
10980	0.014

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530121605
Firmware Version	3.1
Calibration Date	1/22/2024
Test Name	MANUAL_005
Test Start Time	8:44:56 AM
Test Start Date	4/15/2024
Test Length [D:H:M]	0:03:52
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.063
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	232

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.027		
120	0.028		
180	0.027		
240	0.024		
300	0.024		
360	0.024		
420	0.026		
480	0.024		
540	0.021		
600	0.02		
660	0.019		
720	0.019		
780	0.019		
840	0.019		
900	0.019		
960	0.02		
1020	0.019		
1080	0.02		
1140	0.02		
1200	0.019		
1260	0.019		
1320	0.019		
1380	0.021		
1440	0.024		

1500	0.022
1560	0.023
1620	0.021
1680	0.02
1740	0.024
1800	0.025
1860	0.024
1920	0.023
1980	0.017
2040	0.018
2100	0.019
2160	0.02
2220	0.02
2280	0.022
2340	0.021
2400	0.017
2460	0.019
2520	0.016
2580	0.016
2640	0.015
2700	0.016
2760	0.017
2820	0.016
2880	0.015
2940	0.015
3000	0.014
3060	0.014
3120	0.015
3180	0.013
3240	0.012
3300	0.014
3360	0.014
3420	0.014
3480	0.013
3540	0.013
3600	0.013
3660	0.013
3720	0.013
3780	0.012
3840	0.014
3900	0.012
3960	0.012
4020	0.012
4080	0.019

4140	0.017
4200	0.016
4260	0.014
4320	0.012
4380	0.013
4440	0.013
4500	0.014
4560	0.016
4620	0.014
4680	0.013
4740	0.013
4800	0.012
4860	0.015
4920	0.014
4980	0.012
5040	0.012
5100	0.012
5160	0.015
5220	0.013
5280	0.013
5340	0.011
5400	0.012
5460	0.011
5520	0.014
5580	0.013
5640	0.012
5700	0.012
5760	0.012
5820	0.015
5880	0.014
5940	0.011
6000	0.015
6060	0.012
6120	0.014
6180	0.012
6240	0.012
6300	0.02
6360	0.014
6420	0.013
6480	0.013
6540	0.015
6600	0.013
6660	0.014
6720	0.012

6780	0.014
6840	0.012
6900	0.014
6960	0.014
7020	0.012
7080	0.012
7140	0.013
7200	0.01
7260	0.01
7320	0.011
7380	0.011
7440	0.01
7500	0.01
7560	0.011
7620	0.011
7680	0.011
7740	0.012
7800	0.018
7860	0.063
7920	0.02
7980	0.012
8040	0.01
8100	0.009
8160	0.009
8220	0.011
8280	0.012
8340	0.012
8400	0.011
8460	0.01
8520	0.009
8580	0.01
8640	0.009
8700	0.008
8760	0.009
8820	0.009
8880	0.009
8940	0.01
9000	0.009
9060	0.01
9120	0.011
9180	0.009
9240	0.009
9300	0.009
9360	0.01

9420	0.01
9480	0.009
9540	0.008
9600	0.008
9660	0.008
9720	0.009
9780	0.01
9840	0.01
9900	0.008
9960	0.007
10020	0.008
10080	0.009
10140	0.01
10200	0.013
10260	0.01
10320	0.011
10380	0.008
10440	0.008
10500	0.008
10560	0.01
10620	0.008
10680	0.009
10740	0.009
10800	0.01
10860	0.012
10920	0.012
10980	0.009
11040	0.011
11100	0.009
11160	0.011
11220	0.011
11280	0.011
11340	0.011
11400	0.01
11460	0.009
11520	0.009
11580	0.009
11640	0.012
11700	0.009
11760	0.011
11820	0.009
11880	0.008
11940	0.01
12000	0.01

12060	0.01
12120	0.013
12180	0.01
12240	0.009
12300	0.009
12360	0.011
12420	0.01
12480	0.009
12540	0.01
12600	0.009
12660	0.009
12720	0.008
12780	0.008
12840	0.01
12900	0.011
12960	0.016
13020	0.015
13080	0.019
13140	0.015
13200	0.014
13260	0.012
13320	0.01
13380	0.009
13440	0.01
13500	0.012
13560	0.011
13620	0.011
13680	0.011
13740	0.01
13800	0.011
13860	0.011
13920	0.014

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530121605
Firmware Version	3.1
Calibration Date	1/22/2024
Test Name	MANUAL_006
Test Start Time	1:21:56 PM
Test Start Date	4/15/2024
Test Length [D:H:M]	0:01:05
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.02
Mass TWA [mg/m3]	0.002
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	65

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.014		
120	0.011		
180	0.01		
240	0.01		
300	0.015		
360	0.013		
420	0.011		
480	0.011		
540	0.011		
600	0.015		
660	0.011		
720	0.01		
780	0.01		
840	0.011		
900	0.009		
960	0.009		
1020	0.011		
1080	0.015		
1140	0.012		
1200	0.013		
1260	0.009		
1320	0.009		
1380	0.011		
1440	0.018		

1500	0.013
1560	0.012
1620	0.01
1680	0.009
1740	0.012
1800	0.011
1860	0.013
1920	0.01
1980	0.01
2040	0.01
2100	0.011
2160	0.01
2220	0.01
2280	0.01
2340	0.01
2400	0.011
2460	0.01
2520	0.012
2580	0.011
2640	0.011
2700	0.011
2760	0.017
2820	0.02
2880	0.014
2940	0.015
3000	0.015
3060	0.011
3120	0.012
3180	0.012
3240	0.012
3300	0.014
3360	0.013
3420	0.013
3480	0.014
3540	0.017
3600	0.012
3660	0.012
3720	0.013
3780	0.011
3840	0.012
3900	0.012

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530121605
Firmware Version	3.1
Calibration Date	1/22/2024
Test Name	MANUAL_007
Test Start Time	8:39:34 AM
Test Start Date	4/16/2024
Test Length [D:H:M]	0:02:52
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.098
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	172

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.098		
120	0.007		
180	0.026		
240	0.027		
300	0.02		
360	0.032		
420	0.053		
480	0.022		
540	0.014		
600	0.008		
660	0.007		
720	0.007		
780	0.007		
840	0.007		
900	0.007		
960	0.008		
1020	0.007		
1080	0.006		
1140	0.006		
1200	0.007		
1260	0.009		
1320	0.008		
1380	0.007		
1440	0.008		

1500	0.008
1560	0.007
1620	0.008
1680	0.008
1740	0.007
1800	0.006
1860	0.007
1920	0.006
1980	0.006
2040	0.006
2100	0.006
2160	0.006
2220	0.008
2280	0.008
2340	0.007
2400	0.006
2460	0.006
2520	0.006
2580	0.007
2640	0.007
2700	0.009
2760	0.007
2820	0.006
2880	0.009
2940	0.008
3000	0.01
3060	0.007
3120	0.007
3180	0.007
3240	0.008
3300	0.008
3360	0.007
3420	0.007
3480	0.006
3540	0.006
3600	0.007
3660	0.007
3720	0.006
3780	0.009
3840	0.007
3900	0.012
3960	0.012
4020	0.008
4080	0.007

4140	0.007
4200	0.007
4260	0.006
4320	0.009
4380	0.01
4440	0.01
4500	0.006
4560	0.006
4620	0.007
4680	0.006
4740	0.007
4800	0.009
4860	0.005
4920	0.006
4980	0.007
5040	0.008
5100	0.007
5160	0.008
5220	0.006
5280	0.005
5340	0.007
5400	0.012
5460	0.009
5520	0.007
5580	0.008
5640	0.006
5700	0.008
5760	0.006
5820	0.01
5880	0.01
5940	0.007
6000	0.006
6060	0.007
6120	0.012
6180	0.009
6240	0.007
6300	0.015
6360	0.011
6420	0.009
6480	0.008
6540	0.008
6600	0.017
6660	0.033
6720	0.009

6780	0.006
6840	0.007
6900	0.008
6960	0.014
7020	0.019
7080	0.011
7140	0.016
7200	0.011
7260	0.008
7320	0.006
7380	0.007
7440	0.015
7500	0.012
7560	0.015
7620	0.009
7680	0.015
7740	0.011
7800	0.015
7860	0.01
7920	0.007
7980	0.007
8040	0.008
8100	0.008
8160	0.018
8220	0.007
8280	0.039
8340	0.009
8400	0.006
8460	0.009
8520	0.008
8580	0.012
8640	0.012
8700	0.012
8760	0.009
8820	0.019
8880	0.019
8940	0.008
9000	0.006
9060	0.012
9120	0.009
9180	0.015
9240	0.025
9300	0.012
9360	0.012

9420	0.009
9480	0.013
9540	0.006
9600	0.006
9660	0.007
9720	0.007
9780	0.01
9840	0.01
9900	0.022
9960	0.016
10020	0.014
10080	0.007
10140	0.008
10200	0.015
10260	0.01
10320	0.006

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24/04/10 07:41

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-603302
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	4/10/2024 7:41
End	4/10/2024 7:42
Sample Period(s)	60
Number of Records	1

Sensor	PID(ppm)
Sensor SN	S023030096CA
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	2000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	4/3/2024 10:09
Peak	0
Min	0
Average	0

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Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	4/10/2024 7:42	0	0	0
Peak		0	0	0

Min	0	0	0
Average	0	0	0

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TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	4/10/2024 7:42	0	---

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24/04/10 07:42

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-603302
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	4/10/2024 7:42
End	4/10/2024 7:43
Sample Period(s)	60
Number of Records	0

Sensor	PID(ppm)
Sensor SN	S023030096CA
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	2000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	4/3/2024 10:09

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Datalog

0 record.

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24/04/10 09:49

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-603302
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	4/10/2024 9:49
End	4/10/2024 11:05
Sample Period(s)	60
Number of Records	76

Sensor	PID(ppm)
Sensor SN	S023030096CA
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	2000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	4/3/2024 10:09
Peak	0
Min	0
Average	0

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Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	4/10/2024 9:50	0	0	0
2	4/10/2024 9:51	0	0	0
3	4/10/2024 9:52	0	0	0
4	4/10/2024 9:53	0	0	0
5	4/10/2024 9:54	0	0	0
6	4/10/2024 9:55	0	0	0
7	4/10/2024 9:56	0	0	0
8	4/10/2024 9:57	0	0	0
9	4/10/2024 9:58	0	0	0
10	4/10/2024 9:59	0	0	0
11	4/10/2024 10:00	0	0	0
12	4/10/2024 10:01	0	0	0
13	4/10/2024 10:02	0	0	0
14	4/10/2024 10:03	0	0	0
15	4/10/2024 10:04	0	0	0
16	4/10/2024 10:05	0	0	0
17	4/10/2024 10:06	0	0	0
18	4/10/2024 10:07	0	0	0
19	4/10/2024 10:08	0	0	0
20	4/10/2024 10:09	0	0	0
21	4/10/2024 10:10	0	0	0
22	4/10/2024 10:11	0	0	0
23	4/10/2024 10:12	0	0	0
24	4/10/2024 10:13	0	0	0
25	4/10/2024 10:14	0	0	0
26	4/10/2024 10:15	0	0	0
27	4/10/2024 10:16	0	0	0
28	4/10/2024 10:17	0	0	0
29	4/10/2024 10:18	0	0	0
30	4/10/2024 10:19	0	0	0
31	4/10/2024 10:20	0	0	0
32	4/10/2024 10:21	0	0	0
33	4/10/2024 10:22	0	0	0
34	4/10/2024 10:23	0	0	0
35	4/10/2024 10:24	0	0	0
36	4/10/2024 10:25	0	0	0
37	4/10/2024 10:26	0	0	0
38	4/10/2024 10:27	0	0	0
39	4/10/2024 10:28	0	0	0
40	4/10/2024 10:29	0	0	0
41	4/10/2024 10:30	0	0	0
42	4/10/2024 10:31	0	0	0

43	4/10/2024 10:32	0	0	0
44	4/10/2024 10:33	0	0	0
45	4/10/2024 10:34	0	0	0
46	4/10/2024 10:35	0	0	0
47	4/10/2024 10:36	0	0	0
48	4/10/2024 10:37	0	0	0
49	4/10/2024 10:38	0	0	0
50	4/10/2024 10:39	0	0	0
51	4/10/2024 10:40	0	0	0
52	4/10/2024 10:41	0	0	0
53	4/10/2024 10:42	0	0	0
54	4/10/2024 10:43	0	0	0
55	4/10/2024 10:44	0	0	0
56	4/10/2024 10:45	0	0	0
57	4/10/2024 10:46	0	0	0
58	4/10/2024 10:47	0	0	0
59	4/10/2024 10:48	0	0	0
60	4/10/2024 10:49	0	0	0
61	4/10/2024 10:50	0	0	0
62	4/10/2024 10:51	0	0	0
63	4/10/2024 10:52	0	0	0
64	4/10/2024 10:53	0	0	0
65	4/10/2024 10:54	0	0	0
66	4/10/2024 10:55	0	0	0
67	4/10/2024 10:56	0	0	0
68	4/10/2024 10:57	0	0	0
69	4/10/2024 10:58	0	0	0
70	4/10/2024 10:59	0	0	0
71	4/10/2024 11:00	0	0	0
72	4/10/2024 11:01	0	0	0
73	4/10/2024 11:02	0	0	0
74	4/10/2024 11:03	0	0	0
75	4/10/2024 11:04	0	0	0
76	4/10/2024 11:05	0	0	0
Peak		0	0	0
Min		0	0	0
Average		0	0	0

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TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	4/10/2024 9:50	0	---
2	4/10/2024 9:51	0	---

3	4/10/2024 9:52	0	---
4	4/10/2024 9:53	0	---
5	4/10/2024 9:54	0	---
6	4/10/2024 9:55	0	---
7	4/10/2024 9:56	0	---
8	4/10/2024 9:57	0	---
9	4/10/2024 9:58	0	---
10	4/10/2024 9:59	0	---
11	4/10/2024 10:00	0	---
12	4/10/2024 10:01	0	---
13	4/10/2024 10:02	0	---
14	4/10/2024 10:03	0	---
15	4/10/2024 10:04	0	0
16	4/10/2024 10:05	0	0
17	4/10/2024 10:06	0	0
18	4/10/2024 10:07	0	0
19	4/10/2024 10:08	0	0
20	4/10/2024 10:09	0	0
21	4/10/2024 10:10	0	0
22	4/10/2024 10:11	0	0
23	4/10/2024 10:12	0	0
24	4/10/2024 10:13	0	0
25	4/10/2024 10:14	0	0
26	4/10/2024 10:15	0	0
27	4/10/2024 10:16	0	0
28	4/10/2024 10:17	0	0
29	4/10/2024 10:18	0	0
30	4/10/2024 10:19	0	0
31	4/10/2024 10:20	0	0
32	4/10/2024 10:21	0	0
33	4/10/2024 10:22	0	0
34	4/10/2024 10:23	0	0
35	4/10/2024 10:24	0	0
36	4/10/2024 10:25	0	0
37	4/10/2024 10:26	0	0
38	4/10/2024 10:27	0	0
39	4/10/2024 10:28	0	0
40	4/10/2024 10:29	0	0
41	4/10/2024 10:30	0	0
42	4/10/2024 10:31	0	0
43	4/10/2024 10:32	0	0
44	4/10/2024 10:33	0	0
45	4/10/2024 10:34	0	0
46	4/10/2024 10:35	0	0

47	4/10/2024 10:36	0	0
48	4/10/2024 10:37	0	0
49	4/10/2024 10:38	0	0
50	4/10/2024 10:39	0	0
51	4/10/2024 10:40	0	0
52	4/10/2024 10:41	0	0
53	4/10/2024 10:42	0	0
54	4/10/2024 10:43	0	0
55	4/10/2024 10:44	0	0
56	4/10/2024 10:45	0	0
57	4/10/2024 10:46	0	0
58	4/10/2024 10:47	0	0
59	4/10/2024 10:48	0	0
60	4/10/2024 10:49	0	0
61	4/10/2024 10:50	0	0
62	4/10/2024 10:51	0	0
63	4/10/2024 10:52	0	0
64	4/10/2024 10:53	0	0
65	4/10/2024 10:54	0	0
66	4/10/2024 10:55	0	0
67	4/10/2024 10:56	0	0
68	4/10/2024 10:57	0	0
69	4/10/2024 10:58	0	0
70	4/10/2024 10:59	0	0
71	4/10/2024 11:00	0	0
72	4/10/2024 11:01	0	0
73	4/10/2024 11:02	0	0
74	4/10/2024 11:03	0	0
75	4/10/2024 11:04	0	0
76	4/10/2024 11:05	0	0

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24/04/10 11:33

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-603302
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	4/10/2024 11:33
End	4/10/2024 14:04
Sample Period(s)	60
Number of Records	151

Sensor	PID(ppm)	
Sensor SN	S023030096CA	
Measure Type	Avg; Max; Real	
Span		100
Span 2		1000
Low Alarm		50
High Alarm		100
Over Alarm		2000
STEL Alarm		25
TWA Alarm		10
Measurement Gas	Isobutylene	
Calibration Time		4/3/2024 10:09
Peak		0
Min		0
Average		0

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Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	4/10/2024 11:34	0	0	0
2	4/10/2024 11:35	0	0	0
3	4/10/2024 11:36	0	0	0
4	4/10/2024 11:37	0	0	0
5	4/10/2024 11:38	0	0	0
6	4/10/2024 11:39	0	0	0
7	4/10/2024 11:40	0	0	0
8	4/10/2024 11:41	0	0	0
9	4/10/2024 11:42	0	0	0
10	4/10/2024 11:43	0	0	0
11	4/10/2024 11:44	0	0	0
12	4/10/2024 11:45	0	0	0
13	4/10/2024 11:46	0	0	0
14	4/10/2024 11:47	0	0	0
15	4/10/2024 11:48	0	0	0
16	4/10/2024 11:49	0	0	0

17	4/10/2024 11:50	0	0	0
18	4/10/2024 11:51	0	0	0
19	4/10/2024 11:52	0	0	0
20	4/10/2024 11:53	0	0	0
21	4/10/2024 11:54	0	0	0
22	4/10/2024 11:55	0	0	0
23	4/10/2024 11:56	0	0	0
24	4/10/2024 11:57	0	0	0
25	4/10/2024 11:58	0	0	0
26	4/10/2024 11:59	0	0	0
27	4/10/2024 12:00	0	0	0
28	4/10/2024 12:01	0	0	0
29	4/10/2024 12:02	0	0	0
30	4/10/2024 12:03	0	0	0
31	4/10/2024 12:04	0	0	0
32	4/10/2024 12:05	0	0	0
33	4/10/2024 12:06	0	0	0
34	4/10/2024 12:07	0	0	0
35	4/10/2024 12:08	0	0	0
36	4/10/2024 12:09	0	0	0
37	4/10/2024 12:10	0	0	0
38	4/10/2024 12:11	0	0	0
39	4/10/2024 12:12	0	0	0
40	4/10/2024 12:13	0	0	0
41	4/10/2024 12:14	0	0	0
42	4/10/2024 12:15	0	0	0
43	4/10/2024 12:16	0	0	0
44	4/10/2024 12:17	0	0	0
45	4/10/2024 12:18	0	0	0
46	4/10/2024 12:19	0	0	0
47	4/10/2024 12:20	0	0	0
48	4/10/2024 12:21	0	0	0
49	4/10/2024 12:22	0	0	0
50	4/10/2024 12:23	0	0	0
51	4/10/2024 12:24	0	0	0
52	4/10/2024 12:25	0	0	0
53	4/10/2024 12:26	0	0	0
54	4/10/2024 12:27	0	0	0
55	4/10/2024 12:28	0	0	0
56	4/10/2024 12:29	0	0	0
57	4/10/2024 12:30	0	0	0
58	4/10/2024 12:31	0	0	0
59	4/10/2024 12:32	0	0	0
60	4/10/2024 12:33	0	0	0

61	4/10/2024 12:34	0	0	0
62	4/10/2024 12:35	0	0	0
63	4/10/2024 12:36	0	0	0
64	4/10/2024 12:37	0	0	0
65	4/10/2024 12:38	0	0	0
66	4/10/2024 12:39	0	0	0
67	4/10/2024 12:40	0	0	0
68	4/10/2024 12:41	0	0	0
69	4/10/2024 12:42	0	0	0
70	4/10/2024 12:43	0	0	0
71	4/10/2024 12:44	0	0	0
72	4/10/2024 12:45	0	0	0
73	4/10/2024 12:46	0	0	0
74	4/10/2024 12:47	0	0	0
75	4/10/2024 12:48	0	0	0
76	4/10/2024 12:49	0	0	0
77	4/10/2024 12:50	0	0	0
78	4/10/2024 12:51	0	0	0
79	4/10/2024 12:52	0	0	0
80	4/10/2024 12:53	0	0	0
81	4/10/2024 12:54	0	0	0
82	4/10/2024 12:55	0	0	0
83	4/10/2024 12:56	0	0	0
84	4/10/2024 12:57	0	0	0
85	4/10/2024 12:58	0	0	0
86	4/10/2024 12:59	0	0	0
87	4/10/2024 13:00	0	0	0
88	4/10/2024 13:01	0	0	0
89	4/10/2024 13:02	0	0	0
90	4/10/2024 13:03	0	0	0
91	4/10/2024 13:04	0	0	0
92	4/10/2024 13:05	0	0	0
93	4/10/2024 13:06	0	0	0
94	4/10/2024 13:07	0	0	0
95	4/10/2024 13:08	0	0	0
96	4/10/2024 13:09	0	0	0
97	4/10/2024 13:10	0	0	0
98	4/10/2024 13:11	0	0	0
99	4/10/2024 13:12	0	0	0
100	4/10/2024 13:13	0	0	0
101	4/10/2024 13:14	0	0	0
102	4/10/2024 13:15	0	0	0
103	4/10/2024 13:16	0	0	0
104	4/10/2024 13:17	0	0	0

105	4/10/2024 13:18	0	0	0
106	4/10/2024 13:19	0	0	0
107	4/10/2024 13:20	0	0	0
108	4/10/2024 13:21	0	0	0
109	4/10/2024 13:22	0	0	0
110	4/10/2024 13:23	0	0	0
111	4/10/2024 13:24	0	0	0
112	4/10/2024 13:25	0	0	0
113	4/10/2024 13:26	0	0	0
114	4/10/2024 13:27	0	0	0
115	4/10/2024 13:28	0	0	0
116	4/10/2024 13:29	0	0	0
117	4/10/2024 13:30	0	0	0
118	4/10/2024 13:31	0	0	0
119	4/10/2024 13:32	0	0	0
120	4/10/2024 13:33	0	0	0
121	4/10/2024 13:34	0	0	0
122	4/10/2024 13:35	0	0	0
123	4/10/2024 13:36	0	0	0
124	4/10/2024 13:37	0	0	0
125	4/10/2024 13:38	0	0	0
126	4/10/2024 13:39	0	0	0
127	4/10/2024 13:40	0	0	0
128	4/10/2024 13:41	0	0	0
129	4/10/2024 13:42	0	0	0
130	4/10/2024 13:43	0	0	0
131	4/10/2024 13:44	0	0	0
132	4/10/2024 13:45	0	0	0
133	4/10/2024 13:46	0	0	0
134	4/10/2024 13:47	0	0	0
135	4/10/2024 13:48	0	0	0
136	4/10/2024 13:49	0	0	0
137	4/10/2024 13:50	0	0	0
138	4/10/2024 13:51	0	0	0
139	4/10/2024 13:52	0	0	0
140	4/10/2024 13:53	0	0	0
141	4/10/2024 13:54	0	0	0
142	4/10/2024 13:55	0	0	0
143	4/10/2024 13:56	0	0	0
144	4/10/2024 13:57	0	0	0
145	4/10/2024 13:58	0	0	0
146	4/10/2024 13:59	0	0	0
147	4/10/2024 14:00	0	0	0
148	4/10/2024 14:01	0	0	0

	149	4/10/2024 14:02	0	0	0
	150	4/10/2024 14:03	0	0	0
	151	4/10/2024 14:04	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)	
1	4/10/2024 11:34	0	---	
2	4/10/2024 11:35	0	---	
3	4/10/2024 11:36	0	---	
4	4/10/2024 11:37	0	---	
5	4/10/2024 11:38	0	---	
6	4/10/2024 11:39	0	---	
7	4/10/2024 11:40	0	---	
8	4/10/2024 11:41	0	---	
9	4/10/2024 11:42	0	---	
10	4/10/2024 11:43	0	---	
11	4/10/2024 11:44	0	---	
12	4/10/2024 11:45	0	---	
13	4/10/2024 11:46	0	---	
14	4/10/2024 11:47	0	---	
15	4/10/2024 11:48	0		0
16	4/10/2024 11:49	0		0
17	4/10/2024 11:50	0		0
18	4/10/2024 11:51	0		0
19	4/10/2024 11:52	0		0
20	4/10/2024 11:53	0		0
21	4/10/2024 11:54	0		0
22	4/10/2024 11:55	0		0
23	4/10/2024 11:56	0		0
24	4/10/2024 11:57	0		0
25	4/10/2024 11:58	0		0
26	4/10/2024 11:59	0		0
27	4/10/2024 12:00	0		0
28	4/10/2024 12:01	0		0
29	4/10/2024 12:02	0		0
30	4/10/2024 12:03	0		0
31	4/10/2024 12:04	0		0
32	4/10/2024 12:05	0		0
33	4/10/2024 12:06	0		0

34	4/10/2024 12:07	0	0
35	4/10/2024 12:08	0	0
36	4/10/2024 12:09	0	0
37	4/10/2024 12:10	0	0
38	4/10/2024 12:11	0	0
39	4/10/2024 12:12	0	0
40	4/10/2024 12:13	0	0
41	4/10/2024 12:14	0	0
42	4/10/2024 12:15	0	0
43	4/10/2024 12:16	0	0
44	4/10/2024 12:17	0	0
45	4/10/2024 12:18	0	0
46	4/10/2024 12:19	0	0
47	4/10/2024 12:20	0	0
48	4/10/2024 12:21	0	0
49	4/10/2024 12:22	0	0
50	4/10/2024 12:23	0	0
51	4/10/2024 12:24	0	0
52	4/10/2024 12:25	0	0
53	4/10/2024 12:26	0	0
54	4/10/2024 12:27	0	0
55	4/10/2024 12:28	0	0
56	4/10/2024 12:29	0	0
57	4/10/2024 12:30	0	0
58	4/10/2024 12:31	0	0
59	4/10/2024 12:32	0	0
60	4/10/2024 12:33	0	0
61	4/10/2024 12:34	0	0
62	4/10/2024 12:35	0	0
63	4/10/2024 12:36	0	0
64	4/10/2024 12:37	0	0
65	4/10/2024 12:38	0	0
66	4/10/2024 12:39	0	0
67	4/10/2024 12:40	0	0
68	4/10/2024 12:41	0	0
69	4/10/2024 12:42	0	0
70	4/10/2024 12:43	0	0
71	4/10/2024 12:44	0	0
72	4/10/2024 12:45	0	0
73	4/10/2024 12:46	0	0
74	4/10/2024 12:47	0	0
75	4/10/2024 12:48	0	0
76	4/10/2024 12:49	0	0
77	4/10/2024 12:50	0	0

78	4/10/2024 12:51	0	0
79	4/10/2024 12:52	0	0
80	4/10/2024 12:53	0	0
81	4/10/2024 12:54	0	0
82	4/10/2024 12:55	0	0
83	4/10/2024 12:56	0	0
84	4/10/2024 12:57	0	0
85	4/10/2024 12:58	0	0
86	4/10/2024 12:59	0	0
87	4/10/2024 13:00	0	0
88	4/10/2024 13:01	0	0
89	4/10/2024 13:02	0	0
90	4/10/2024 13:03	0	0
91	4/10/2024 13:04	0	0
92	4/10/2024 13:05	0	0
93	4/10/2024 13:06	0	0
94	4/10/2024 13:07	0	0
95	4/10/2024 13:08	0	0
96	4/10/2024 13:09	0	0
97	4/10/2024 13:10	0	0
98	4/10/2024 13:11	0	0
99	4/10/2024 13:12	0	0
100	4/10/2024 13:13	0	0
101	4/10/2024 13:14	0	0
102	4/10/2024 13:15	0	0
103	4/10/2024 13:16	0	0
104	4/10/2024 13:17	0	0
105	4/10/2024 13:18	0	0
106	4/10/2024 13:19	0	0
107	4/10/2024 13:20	0	0
108	4/10/2024 13:21	0	0
109	4/10/2024 13:22	0	0
110	4/10/2024 13:23	0	0
111	4/10/2024 13:24	0	0
112	4/10/2024 13:25	0	0
113	4/10/2024 13:26	0	0
114	4/10/2024 13:27	0	0
115	4/10/2024 13:28	0	0
116	4/10/2024 13:29	0	0
117	4/10/2024 13:30	0	0
118	4/10/2024 13:31	0	0
119	4/10/2024 13:32	0	0
120	4/10/2024 13:33	0	0
121	4/10/2024 13:34	0	0

122	4/10/2024 13:35	0	0
123	4/10/2024 13:36	0	0
124	4/10/2024 13:37	0	0
125	4/10/2024 13:38	0	0
126	4/10/2024 13:39	0	0
127	4/10/2024 13:40	0	0
128	4/10/2024 13:41	0	0
129	4/10/2024 13:42	0	0
130	4/10/2024 13:43	0	0
131	4/10/2024 13:44	0	0
132	4/10/2024 13:45	0	0
133	4/10/2024 13:46	0	0
134	4/10/2024 13:47	0	0
135	4/10/2024 13:48	0	0
136	4/10/2024 13:49	0	0
137	4/10/2024 13:50	0	0
138	4/10/2024 13:51	0	0
139	4/10/2024 13:52	0	0
140	4/10/2024 13:53	0	0
141	4/10/2024 13:54	0	0
142	4/10/2024 13:55	0	0
143	4/10/2024 13:56	0	0
144	4/10/2024 13:57	0	0
145	4/10/2024 13:58	0	0
146	4/10/2024 13:59	0	0
147	4/10/2024 14:00	0	0
148	4/10/2024 14:01	0	0
149	4/10/2024 14:02	0	0
150	4/10/2024 14:03	0	0
151	4/10/2024 14:04	0	0

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24/04/11 11:27

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-603302
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	4/11/2024 11:27
End	4/11/2024 14:43
Sample Period(s)	60
Number of Records	195

Sensor	PID(ppm)
Sensor SN	S023030096CA
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	2000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	4/3/2024 10:09
Peak	0
Min	0
Average	0

****

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	4/11/2024 11:28	0	0	0
2	4/11/2024 11:29	0	0	0
3	4/11/2024 11:30	0	0	0
4	4/11/2024 11:31	0	0	0
5	4/11/2024 11:32	0	0	0
6	4/11/2024 11:33	0	0	0
7	4/11/2024 11:34	0	0	0
8	4/11/2024 11:35	0	0	0
9	4/11/2024 11:36	0	0	0
10	4/11/2024 11:37	0	0	0
11	4/11/2024 11:38	0	0	0
12	4/11/2024 11:39	0	0	0
13	4/11/2024 11:40	0	0	0
14	4/11/2024 11:41	0	0	0
15	4/11/2024 11:42	0	0	0
16	4/11/2024 11:43	0	0	0

17	4/11/2024 11:44	0	0	0
18	4/11/2024 11:45	0	0	0
19	4/11/2024 11:46	0	0	0
20	4/11/2024 11:47	0	0	0
21	4/11/2024 11:48	0	0	0
22	4/11/2024 11:49	0	0	0
23	4/11/2024 11:50	0	0	0
24	4/11/2024 11:51	0	0	0
25	4/11/2024 11:52	0	0	0
26	4/11/2024 11:53	0	0	0
27	4/11/2024 11:54	0	0	0
28	4/11/2024 11:55	0	0	0
29	4/11/2024 11:56	0	0	0
30	4/11/2024 11:57	0	0	0
31	4/11/2024 11:58	0	0	0
32	4/11/2024 11:59	0	0	0
33	4/11/2024 12:00	0	0	0
34	4/11/2024 12:01	0	0	0
35	4/11/2024 12:02	0	0	0
36	4/11/2024 12:03	0	0	0
37	4/11/2024 12:04	0	0	0
38	4/11/2024 12:05	0	0	0
39	4/11/2024 12:06	0	0	0
40	4/11/2024 12:07	0	0	0
41	4/11/2024 12:08	0	0	0
42	4/11/2024 12:09	0	0	0
43	4/11/2024 12:10	0	0	0
44	4/11/2024 12:11	0	0	0
45	4/11/2024 12:12	0	0	0
46	4/11/2024 12:13	0	0	0
47	4/11/2024 12:14	0	0	0
48	4/11/2024 12:15	0	0	0
49	4/11/2024 12:16	0	0	0
50	4/11/2024 12:17	0	0	0
51	4/11/2024 12:18	0	0	0
52	4/11/2024 12:19	0	0	0
53	4/11/2024 12:20	0	0	0
54	4/11/2024 12:21	0	0	0
55	4/11/2024 12:22	0	0	0
56	4/11/2024 12:23	0	0	0
57	4/11/2024 12:24	0	0	0
58	4/11/2024 12:25	0	0	0
59	4/11/2024 12:26	0	0	0
60	4/11/2024 12:27	0	0	0

61	4/11/2024 12:28	0	0	0
62	4/11/2024 12:29	0	0	0
63	4/11/2024 12:30	0	0	0
64	4/11/2024 12:31	0	0	0
65	4/11/2024 12:32	0	0	0
66	4/11/2024 12:33	0	0	0
67	4/11/2024 12:34	0	0	0
68	4/11/2024 12:35	0	0	0
69	4/11/2024 12:36	0	0	0
70	4/11/2024 12:37	0	0	0
71	4/11/2024 12:38	0	0	0
72	4/11/2024 12:39	0	0	0
73	4/11/2024 12:40	0	0	0
74	4/11/2024 12:41	0	0	0
75	4/11/2024 12:42	0	0	0
76	4/11/2024 12:43	0	0	0
77	4/11/2024 12:44	0	0	0
78	4/11/2024 12:45	0	0	0
79	4/11/2024 12:46	0	0	0
80	4/11/2024 12:47	0	0	0
81	4/11/2024 12:48	0	0	0
82	4/11/2024 12:49	0	0	0
83	4/11/2024 12:50	0	0	0
84	4/11/2024 12:51	0	0	0
85	4/11/2024 12:52	0	0	0
86	4/11/2024 12:53	0	0	0
87	4/11/2024 12:54	0	0	0
88	4/11/2024 12:55	0	0	0
89	4/11/2024 12:56	0	0	0
90	4/11/2024 12:57	0	0	0
91	4/11/2024 12:58	0	0	0
92	4/11/2024 12:59	0	0	0
93	4/11/2024 13:00	0	0	0
94	4/11/2024 13:01	0	0	0
95	4/11/2024 13:02	0	0	0
96	4/11/2024 13:03	0	0	0
97	4/11/2024 13:04	0	0	0
98	4/11/2024 13:05	0	0	0
99	4/11/2024 13:06	0	0	0
100	4/11/2024 13:07	0	0	0
101	4/11/2024 13:08	0	0	0
102	4/11/2024 13:09	0	0	0
103	4/11/2024 13:10	0	0	0
104	4/11/2024 13:11	0	0	0

105	4/11/2024 13:12	0	0	0
106	4/11/2024 13:13	0	0	0
107	4/11/2024 13:14	0	0	0
108	4/11/2024 13:15	0	0	0
109	4/11/2024 13:16	0	0	0
110	4/11/2024 13:17	0	0	0
111	4/11/2024 13:18	0	0	0
112	4/11/2024 13:19	0	0	0
113	4/11/2024 13:20	0	0	0
114	4/11/2024 13:21	0	0	0
115	4/11/2024 13:22	0	0	0
116	4/11/2024 13:23	0	0	0
117	4/11/2024 13:24	0	0	0
118	4/11/2024 13:25	0	0	0
119	4/11/2024 13:26	0	0	0
120	4/11/2024 13:27	0	0	0
121	4/11/2024 13:28	0	0	0
122	4/11/2024 13:29	0	0	0
123	4/11/2024 13:30	0	0	0
124	4/11/2024 13:31	0	0	0
125	4/11/2024 13:32	0	0	0
126	4/11/2024 13:33	0	0	0
127	4/11/2024 13:34	0	0	0
128	4/11/2024 13:35	0	0	0
129	4/11/2024 13:36	0	0	0
130	4/11/2024 13:37	0	0	0
131	4/11/2024 13:38	0	0	0
132	4/11/2024 13:39	0	0	0
133	4/11/2024 13:40	0	0	0
134	4/11/2024 13:41	0	0	0
135	4/11/2024 13:42	0	0	0
136	4/11/2024 13:43	0	0	0
137	4/11/2024 13:44	0	0	0
138	4/11/2024 13:45	0	0	0
139	4/11/2024 13:46	0	0	0
140	4/11/2024 13:47	0	0	0
141	4/11/2024 13:48	0	0	0
142	4/11/2024 13:49	0	0	0
143	4/11/2024 13:50	0	0	0
144	4/11/2024 13:51	0	0	0
145	4/11/2024 13:52	0	0	0
146	4/11/2024 13:53	0	0	0
147	4/11/2024 13:54	0	0	0
148	4/11/2024 13:55	0	0	0

149	4/11/2024 13:56	0	0	0
150	4/11/2024 13:57	0	0	0
151	4/11/2024 13:58	0	0	0
152	4/11/2024 13:59	0	0	0
153	4/11/2024 14:00	0	0	0
154	4/11/2024 14:01	0	0	0
155	4/11/2024 14:02	0	0	0
156	4/11/2024 14:03	0	0	0
157	4/11/2024 14:04	0	0	0
158	4/11/2024 14:05	0	0	0
159	4/11/2024 14:06	0	0	0
160	4/11/2024 14:07	0	0	0
161	4/11/2024 14:08	0	0	0
162	4/11/2024 14:09	0	0	0
163	4/11/2024 14:10	0	0	0
164	4/11/2024 14:11	0	0	0
165	4/11/2024 14:12	0	0	0
166	4/11/2024 14:13	0	0	0
167	4/11/2024 14:14	0	0	0
168	4/11/2024 14:15	0	0	0
169	4/11/2024 14:16	0	0	0
170	4/11/2024 14:17	0	0	0
171	4/11/2024 14:18	0	0	0
172	4/11/2024 14:19	0	0	0
173	4/11/2024 14:20	0	0	0
174	4/11/2024 14:21	0	0	0
175	4/11/2024 14:22	0	0	0
176	4/11/2024 14:23	0	0	0
177	4/11/2024 14:24	0	0	0
178	4/11/2024 14:25	0	0	0
179	4/11/2024 14:26	0	0	0
180	4/11/2024 14:27	0	0	0
181	4/11/2024 14:28	0	0	0
182	4/11/2024 14:29	0	0	0
183	4/11/2024 14:30	0	0	0
184	4/11/2024 14:31	0	0	0
185	4/11/2024 14:32	0	0	0
186	4/11/2024 14:33	0	0	0
187	4/11/2024 14:34	0	0	0
188	4/11/2024 14:35	0	0	0
189	4/11/2024 14:36	0	0	0
190	4/11/2024 14:37	0	0	0
191	4/11/2024 14:38	0	0	0
192	4/11/2024 14:39	0	0	0

	193	4/11/2024 14:40	0	0	0
	194	4/11/2024 14:41	0	0	0
	195	4/11/2024 14:42	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)	
1	4/11/2024 11:28	0	---	
2	4/11/2024 11:29	0	---	
3	4/11/2024 11:30	0	---	
4	4/11/2024 11:31	0	---	
5	4/11/2024 11:32	0	---	
6	4/11/2024 11:33	0	---	
7	4/11/2024 11:34	0	---	
8	4/11/2024 11:35	0	---	
9	4/11/2024 11:36	0	---	
10	4/11/2024 11:37	0	---	
11	4/11/2024 11:38	0	---	
12	4/11/2024 11:39	0	---	
13	4/11/2024 11:40	0	---	
14	4/11/2024 11:41	0	---	
15	4/11/2024 11:42	0	0	
16	4/11/2024 11:43	0	0	
17	4/11/2024 11:44	0	0	
18	4/11/2024 11:45	0	0	
19	4/11/2024 11:46	0	0	
20	4/11/2024 11:47	0	0	
21	4/11/2024 11:48	0	0	
22	4/11/2024 11:49	0	0	
23	4/11/2024 11:50	0	0	
24	4/11/2024 11:51	0	0	
25	4/11/2024 11:52	0	0	
26	4/11/2024 11:53	0	0	
27	4/11/2024 11:54	0	0	
28	4/11/2024 11:55	0	0	
29	4/11/2024 11:56	0	0	
30	4/11/2024 11:57	0	0	
31	4/11/2024 11:58	0	0	
32	4/11/2024 11:59	0	0	
33	4/11/2024 12:00	0	0	

34	4/11/2024 12:01	0	0
35	4/11/2024 12:02	0	0
36	4/11/2024 12:03	0	0
37	4/11/2024 12:04	0	0
38	4/11/2024 12:05	0	0
39	4/11/2024 12:06	0	0
40	4/11/2024 12:07	0	0
41	4/11/2024 12:08	0	0
42	4/11/2024 12:09	0	0
43	4/11/2024 12:10	0	0
44	4/11/2024 12:11	0	0
45	4/11/2024 12:12	0	0
46	4/11/2024 12:13	0	0
47	4/11/2024 12:14	0	0
48	4/11/2024 12:15	0	0
49	4/11/2024 12:16	0	0
50	4/11/2024 12:17	0	0
51	4/11/2024 12:18	0	0
52	4/11/2024 12:19	0	0
53	4/11/2024 12:20	0	0
54	4/11/2024 12:21	0	0
55	4/11/2024 12:22	0	0
56	4/11/2024 12:23	0	0
57	4/11/2024 12:24	0	0
58	4/11/2024 12:25	0	0
59	4/11/2024 12:26	0	0
60	4/11/2024 12:27	0	0
61	4/11/2024 12:28	0	0
62	4/11/2024 12:29	0	0
63	4/11/2024 12:30	0	0
64	4/11/2024 12:31	0	0
65	4/11/2024 12:32	0	0
66	4/11/2024 12:33	0	0
67	4/11/2024 12:34	0	0
68	4/11/2024 12:35	0	0
69	4/11/2024 12:36	0	0
70	4/11/2024 12:37	0	0
71	4/11/2024 12:38	0	0
72	4/11/2024 12:39	0	0
73	4/11/2024 12:40	0	0
74	4/11/2024 12:41	0	0
75	4/11/2024 12:42	0	0
76	4/11/2024 12:43	0	0
77	4/11/2024 12:44	0	0

78	4/11/2024 12:45	0	0
79	4/11/2024 12:46	0	0
80	4/11/2024 12:47	0	0
81	4/11/2024 12:48	0	0
82	4/11/2024 12:49	0	0
83	4/11/2024 12:50	0	0
84	4/11/2024 12:51	0	0
85	4/11/2024 12:52	0	0
86	4/11/2024 12:53	0	0
87	4/11/2024 12:54	0	0
88	4/11/2024 12:55	0	0
89	4/11/2024 12:56	0	0
90	4/11/2024 12:57	0	0
91	4/11/2024 12:58	0	0
92	4/11/2024 12:59	0	0
93	4/11/2024 13:00	0	0
94	4/11/2024 13:01	0	0
95	4/11/2024 13:02	0	0
96	4/11/2024 13:03	0	0
97	4/11/2024 13:04	0	0
98	4/11/2024 13:05	0	0
99	4/11/2024 13:06	0	0
100	4/11/2024 13:07	0	0
101	4/11/2024 13:08	0	0
102	4/11/2024 13:09	0	0
103	4/11/2024 13:10	0	0
104	4/11/2024 13:11	0	0
105	4/11/2024 13:12	0	0
106	4/11/2024 13:13	0	0
107	4/11/2024 13:14	0	0
108	4/11/2024 13:15	0	0
109	4/11/2024 13:16	0	0
110	4/11/2024 13:17	0	0
111	4/11/2024 13:18	0	0
112	4/11/2024 13:19	0	0
113	4/11/2024 13:20	0	0
114	4/11/2024 13:21	0	0
115	4/11/2024 13:22	0	0
116	4/11/2024 13:23	0	0
117	4/11/2024 13:24	0	0
118	4/11/2024 13:25	0	0
119	4/11/2024 13:26	0	0
120	4/11/2024 13:27	0	0
121	4/11/2024 13:28	0	0

122	4/11/2024 13:29	0	0
123	4/11/2024 13:30	0	0
124	4/11/2024 13:31	0	0
125	4/11/2024 13:32	0	0
126	4/11/2024 13:33	0	0
127	4/11/2024 13:34	0	0
128	4/11/2024 13:35	0	0
129	4/11/2024 13:36	0	0
130	4/11/2024 13:37	0	0
131	4/11/2024 13:38	0	0
132	4/11/2024 13:39	0	0
133	4/11/2024 13:40	0	0
134	4/11/2024 13:41	0	0
135	4/11/2024 13:42	0	0
136	4/11/2024 13:43	0	0
137	4/11/2024 13:44	0	0
138	4/11/2024 13:45	0	0
139	4/11/2024 13:46	0	0
140	4/11/2024 13:47	0	0
141	4/11/2024 13:48	0	0
142	4/11/2024 13:49	0	0
143	4/11/2024 13:50	0	0
144	4/11/2024 13:51	0	0
145	4/11/2024 13:52	0	0
146	4/11/2024 13:53	0	0
147	4/11/2024 13:54	0	0
148	4/11/2024 13:55	0	0
149	4/11/2024 13:56	0	0
150	4/11/2024 13:57	0	0
151	4/11/2024 13:58	0	0
152	4/11/2024 13:59	0	0
153	4/11/2024 14:00	0	0
154	4/11/2024 14:01	0	0
155	4/11/2024 14:02	0	0
156	4/11/2024 14:03	0	0
157	4/11/2024 14:04	0	0
158	4/11/2024 14:05	0	0
159	4/11/2024 14:06	0	0
160	4/11/2024 14:07	0	0
161	4/11/2024 14:08	0	0
162	4/11/2024 14:09	0	0
163	4/11/2024 14:10	0	0
164	4/11/2024 14:11	0	0
165	4/11/2024 14:12	0	0

166	4/11/2024 14:13	0	0
167	4/11/2024 14:14	0	0
168	4/11/2024 14:15	0	0
169	4/11/2024 14:16	0	0
170	4/11/2024 14:17	0	0
171	4/11/2024 14:18	0	0
172	4/11/2024 14:19	0	0
173	4/11/2024 14:20	0	0
174	4/11/2024 14:21	0	0
175	4/11/2024 14:22	0	0
176	4/11/2024 14:23	0	0
177	4/11/2024 14:24	0	0
178	4/11/2024 14:25	0	0
179	4/11/2024 14:26	0	0
180	4/11/2024 14:27	0	0
181	4/11/2024 14:28	0	0
182	4/11/2024 14:29	0	0
183	4/11/2024 14:30	0	0
184	4/11/2024 14:31	0	0
185	4/11/2024 14:32	0	0
186	4/11/2024 14:33	0	0
187	4/11/2024 14:34	0	0
188	4/11/2024 14:35	0	0
189	4/11/2024 14:36	0	0
190	4/11/2024 14:37	0	0
191	4/11/2024 14:38	0	0
192	4/11/2024 14:39	0	0
193	4/11/2024 14:40	0	0
194	4/11/2024 14:41	0	0
195	4/11/2024 14:42	0	0

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24/04/11 19:29

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-603302
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	4/11/2024 19:29
End	4/11/2024 19:29
Sample Period(s)	60
Number of Records	0

Sensor	PID(ppm)
Sensor SN	S023030096CA
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	2000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	4/3/2024 10:09

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Datalog

0 record.

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24/04/15 08:40

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-603302
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	4/15/2024 8:40

End	4/15/2024 8:41
Sample Period(s)	60
Number of Records	0

Sensor	PID(ppm)
Sensor SN	S023030096CA
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	2000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	4/3/2024 10:09

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Datalog

0 record.

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24/04/15 08:48

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-603302
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	4/15/2024 8:48
End	4/15/2024 12:34
Sample Period(s)	60
Number of Records	226

Sensor	PID(ppm)	
Sensor SN	S023030096CA	
Measure Type	Avg; Max; Real	
Span		100
Span 2		1000
Low Alarm		50
High Alarm		100
Over Alarm		2000
STEL Alarm		25
TWA Alarm		10
Measurement Gas	Isobutylene	
Calibration Time		4/3/2024 10:09
Peak		0
Min		0
Average		0

****

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	4/15/2024 8:49	0	0	0
2	4/15/2024 8:50	0	0	0
3	4/15/2024 8:51	0	0	0
4	4/15/2024 8:52	0	0	0
5	4/15/2024 8:53	0	0	0
6	4/15/2024 8:54	0	0	0
7	4/15/2024 8:55	0	0	0
8	4/15/2024 8:56	0	0	0
9	4/15/2024 8:57	0	0	0
10	4/15/2024 8:58	0	0	0
11	4/15/2024 8:59	0	0	0
12	4/15/2024 9:00	0	0	0
13	4/15/2024 9:01	0	0	0
14	4/15/2024 9:02	0	0	0
15	4/15/2024 9:03	0	0	0
16	4/15/2024 9:04	0	0	0
17	4/15/2024 9:05	0	0	0
18	4/15/2024 9:06	0	0	0
19	4/15/2024 9:07	0	0	0
20	4/15/2024 9:08	0	0	0
21	4/15/2024 9:09	0	0	0
22	4/15/2024 9:10	0	0	0
23	4/15/2024 9:11	0	0	0
24	4/15/2024 9:12	0	0	0

25	4/15/2024 9:13	0	0	0
26	4/15/2024 9:14	0	0	0
27	4/15/2024 9:15	0	0	0
28	4/15/2024 9:16	0	0	0
29	4/15/2024 9:17	0	0	0
30	4/15/2024 9:18	0	0	0
31	4/15/2024 9:19	0	0	0
32	4/15/2024 9:20	0	0	0
33	4/15/2024 9:21	0	0	0
34	4/15/2024 9:22	0	0	0
35	4/15/2024 9:23	0	0	0
36	4/15/2024 9:24	0	0	0
37	4/15/2024 9:25	0	0	0
38	4/15/2024 9:26	0	0	0
39	4/15/2024 9:27	0	0	0
40	4/15/2024 9:28	0	0	0
41	4/15/2024 9:29	0	0	0
42	4/15/2024 9:30	0	0	0
43	4/15/2024 9:31	0	0	0
44	4/15/2024 9:32	0	0	0
45	4/15/2024 9:33	0	0	0
46	4/15/2024 9:34	0	0	0
47	4/15/2024 9:35	0	0	0
48	4/15/2024 9:36	0	0	0
49	4/15/2024 9:37	0	0	0
50	4/15/2024 9:38	0	0	0
51	4/15/2024 9:39	0	0	0
52	4/15/2024 9:40	0	0	0
53	4/15/2024 9:41	0	0	0
54	4/15/2024 9:42	0	0	0
55	4/15/2024 9:43	0	0	0
56	4/15/2024 9:44	0	0	0
57	4/15/2024 9:45	0	0	0
58	4/15/2024 9:46	0	0	0
59	4/15/2024 9:47	0	0	0
60	4/15/2024 9:48	0	0	0
61	4/15/2024 9:49	0	0	0
62	4/15/2024 9:50	0	0	0
63	4/15/2024 9:51	0	0	0
64	4/15/2024 9:52	0	0	0
65	4/15/2024 9:53	0	0	0
66	4/15/2024 9:54	0	0	0
67	4/15/2024 9:55	0	0	0
68	4/15/2024 9:56	0	0	0

69	4/15/2024 9:57	0	0	0
70	4/15/2024 9:58	0	0	0
71	4/15/2024 9:59	0	0	0
72	4/15/2024 10:00	0	0	0
73	4/15/2024 10:01	0	0	0
74	4/15/2024 10:02	0	0	0
75	4/15/2024 10:03	0	0	0
76	4/15/2024 10:04	0	0	0
77	4/15/2024 10:05	0	0	0
78	4/15/2024 10:06	0	0	0
79	4/15/2024 10:07	0	0	0
80	4/15/2024 10:08	0	0	0
81	4/15/2024 10:09	0	0	0
82	4/15/2024 10:10	0	0	0
83	4/15/2024 10:11	0	0	0
84	4/15/2024 10:12	0	0	0
85	4/15/2024 10:13	0	0	0
86	4/15/2024 10:14	0	0	0
87	4/15/2024 10:15	0	0	0
88	4/15/2024 10:16	0	0	0
89	4/15/2024 10:17	0	0	0
90	4/15/2024 10:18	0	0	0
91	4/15/2024 10:19	0	0	0
92	4/15/2024 10:20	0	0	0
93	4/15/2024 10:21	0	0	0
94	4/15/2024 10:22	0	0	0
95	4/15/2024 10:23	0	0	0
96	4/15/2024 10:24	0	0	0
97	4/15/2024 10:25	0	0	0
98	4/15/2024 10:26	0	0	0
99	4/15/2024 10:27	0	0	0
100	4/15/2024 10:28	0	0	0
101	4/15/2024 10:29	0	0	0
102	4/15/2024 10:30	0	0	0
103	4/15/2024 10:31	0	0	0
104	4/15/2024 10:32	0	0	0
105	4/15/2024 10:33	0	0	0
106	4/15/2024 10:34	0	0	0
107	4/15/2024 10:35	0	0	0
108	4/15/2024 10:36	0	0	0
109	4/15/2024 10:37	0	0	0
110	4/15/2024 10:38	0	0	0
111	4/15/2024 10:39	0	0	0
112	4/15/2024 10:40	0	0	0

113	4/15/2024 10:41	0	0	0
114	4/15/2024 10:42	0	0	0
115	4/15/2024 10:43	0	0	0
116	4/15/2024 10:44	0	0	0
117	4/15/2024 10:45	0	0	0
118	4/15/2024 10:46	0	0	0
119	4/15/2024 10:47	0	0	0
120	4/15/2024 10:48	0	0	0
121	4/15/2024 10:49	0	0	0
122	4/15/2024 10:50	0	0	0
123	4/15/2024 10:51	0	0	0
124	4/15/2024 10:52	0	0	0
125	4/15/2024 10:53	0	0	0
126	4/15/2024 10:54	0	0	0
127	4/15/2024 10:55	0	0	0
128	4/15/2024 10:56	0	0	0
129	4/15/2024 10:57	0	0	0
130	4/15/2024 10:58	0	0	0
131	4/15/2024 10:59	0	0	0
132	4/15/2024 11:00	0	0	0
133	4/15/2024 11:01	0	0	0
134	4/15/2024 11:02	0	0	0
135	4/15/2024 11:03	0	0	0
136	4/15/2024 11:04	0	0	0
137	4/15/2024 11:05	0	0	0
138	4/15/2024 11:06	0	0	0
139	4/15/2024 11:07	0	0	0
140	4/15/2024 11:08	0	0	0
141	4/15/2024 11:09	0	0	0
142	4/15/2024 11:10	0	0	0
143	4/15/2024 11:11	0	0	0
144	4/15/2024 11:12	0	0	0
145	4/15/2024 11:13	0	0	0
146	4/15/2024 11:14	0	0	0
147	4/15/2024 11:15	0	0	0
148	4/15/2024 11:16	0	0	0
149	4/15/2024 11:17	0	0	0
150	4/15/2024 11:18	0	0	0
151	4/15/2024 11:19	0	0	0
152	4/15/2024 11:20	0	0	0
153	4/15/2024 11:21	0	0	0
154	4/15/2024 11:22	0	0	0
155	4/15/2024 11:23	0	0	0
156	4/15/2024 11:24	0	0	0

157	4/15/2024 11:25	0	0	0
158	4/15/2024 11:26	0	0	0
159	4/15/2024 11:27	0	0	0
160	4/15/2024 11:28	0	0	0
161	4/15/2024 11:29	0	0	0
162	4/15/2024 11:30	0	0	0
163	4/15/2024 11:31	0	0	0
164	4/15/2024 11:32	0	0	0
165	4/15/2024 11:33	0	0	0
166	4/15/2024 11:34	0	0	0
167	4/15/2024 11:35	0	0	0
168	4/15/2024 11:36	0	0	0
169	4/15/2024 11:37	0	0	0
170	4/15/2024 11:38	0	0	0
171	4/15/2024 11:39	0	0	0
172	4/15/2024 11:40	0	0	0
173	4/15/2024 11:41	0	0	0
174	4/15/2024 11:42	0	0	0
175	4/15/2024 11:43	0	0	0
176	4/15/2024 11:44	0	0	0
177	4/15/2024 11:45	0	0	0
178	4/15/2024 11:46	0	0	0
179	4/15/2024 11:47	0	0	0
180	4/15/2024 11:48	0	0	0
181	4/15/2024 11:49	0	0	0
182	4/15/2024 11:50	0	0	0
183	4/15/2024 11:51	0	0	0
184	4/15/2024 11:52	0	0	0
185	4/15/2024 11:53	0	0	0
186	4/15/2024 11:54	0	0	0
187	4/15/2024 11:55	0	0	0
188	4/15/2024 11:56	0	0	0
189	4/15/2024 11:57	0	0	0
190	4/15/2024 11:58	0	0	0
191	4/15/2024 11:59	0	0	0
192	4/15/2024 12:00	0	0	0
193	4/15/2024 12:01	0	0	0
194	4/15/2024 12:02	0	0	0
195	4/15/2024 12:03	0	0	0
196	4/15/2024 12:04	0	0	0
197	4/15/2024 12:05	0	0	0
198	4/15/2024 12:06	0	0	0
199	4/15/2024 12:07	0	0	0
200	4/15/2024 12:08	0	0	0

	201	4/15/2024 12:09	0	0	0
	202	4/15/2024 12:10	0	0	0
	203	4/15/2024 12:11	0	0	0
	204	4/15/2024 12:12	0	0	0
	205	4/15/2024 12:13	0	0	0
	206	4/15/2024 12:14	0	0	0
	207	4/15/2024 12:15	0	0	0
	208	4/15/2024 12:16	0	0	0
	209	4/15/2024 12:17	0	0	0
	210	4/15/2024 12:18	0	0	0
	211	4/15/2024 12:19	0	0	0
	212	4/15/2024 12:20	0	0	0
	213	4/15/2024 12:21	0	0	0
	214	4/15/2024 12:22	0	0	0
	215	4/15/2024 12:23	0	0	0
	216	4/15/2024 12:24	0	0	0
	217	4/15/2024 12:25	0	0	0
	218	4/15/2024 12:26	0	0	0
	219	4/15/2024 12:27	0	0	0
	220	4/15/2024 12:28	0	0	0
	221	4/15/2024 12:29	0	0	0
	222	4/15/2024 12:30	0	0	0
	223	4/15/2024 12:31	0	0	0
	224	4/15/2024 12:32	0	0	0
	225	4/15/2024 12:33	0	0	0
	226	4/15/2024 12:34	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

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TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	4/15/2024 8:49	0	---
2	4/15/2024 8:50	0	---
3	4/15/2024 8:51	0	---
4	4/15/2024 8:52	0	---
5	4/15/2024 8:53	0	---
6	4/15/2024 8:54	0	---
7	4/15/2024 8:55	0	---
8	4/15/2024 8:56	0	---
9	4/15/2024 8:57	0	---
10	4/15/2024 8:58	0	---

11	4/15/2024 8:59	0	---
12	4/15/2024 9:00	0	---
13	4/15/2024 9:01	0	---
14	4/15/2024 9:02	0	---
15	4/15/2024 9:03	0	0
16	4/15/2024 9:04	0	0
17	4/15/2024 9:05	0	0
18	4/15/2024 9:06	0	0
19	4/15/2024 9:07	0	0
20	4/15/2024 9:08	0	0
21	4/15/2024 9:09	0	0
22	4/15/2024 9:10	0	0
23	4/15/2024 9:11	0	0
24	4/15/2024 9:12	0	0
25	4/15/2024 9:13	0	0
26	4/15/2024 9:14	0	0
27	4/15/2024 9:15	0	0
28	4/15/2024 9:16	0	0
29	4/15/2024 9:17	0	0
30	4/15/2024 9:18	0	0
31	4/15/2024 9:19	0	0
32	4/15/2024 9:20	0	0
33	4/15/2024 9:21	0	0
34	4/15/2024 9:22	0	0
35	4/15/2024 9:23	0	0
36	4/15/2024 9:24	0	0
37	4/15/2024 9:25	0	0
38	4/15/2024 9:26	0	0
39	4/15/2024 9:27	0	0
40	4/15/2024 9:28	0	0
41	4/15/2024 9:29	0	0
42	4/15/2024 9:30	0	0
43	4/15/2024 9:31	0	0
44	4/15/2024 9:32	0	0
45	4/15/2024 9:33	0	0
46	4/15/2024 9:34	0	0
47	4/15/2024 9:35	0	0
48	4/15/2024 9:36	0	0
49	4/15/2024 9:37	0	0
50	4/15/2024 9:38	0	0
51	4/15/2024 9:39	0	0
52	4/15/2024 9:40	0	0
53	4/15/2024 9:41	0	0
54	4/15/2024 9:42	0	0

55	4/15/2024 9:43	0	0
56	4/15/2024 9:44	0	0
57	4/15/2024 9:45	0	0
58	4/15/2024 9:46	0	0
59	4/15/2024 9:47	0	0
60	4/15/2024 9:48	0	0
61	4/15/2024 9:49	0	0
62	4/15/2024 9:50	0	0
63	4/15/2024 9:51	0	0
64	4/15/2024 9:52	0	0
65	4/15/2024 9:53	0	0
66	4/15/2024 9:54	0	0
67	4/15/2024 9:55	0	0
68	4/15/2024 9:56	0	0
69	4/15/2024 9:57	0	0
70	4/15/2024 9:58	0	0
71	4/15/2024 9:59	0	0
72	4/15/2024 10:00	0	0
73	4/15/2024 10:01	0	0
74	4/15/2024 10:02	0	0
75	4/15/2024 10:03	0	0
76	4/15/2024 10:04	0	0
77	4/15/2024 10:05	0	0
78	4/15/2024 10:06	0	0
79	4/15/2024 10:07	0	0
80	4/15/2024 10:08	0	0
81	4/15/2024 10:09	0	0
82	4/15/2024 10:10	0	0
83	4/15/2024 10:11	0	0
84	4/15/2024 10:12	0	0
85	4/15/2024 10:13	0	0
86	4/15/2024 10:14	0	0
87	4/15/2024 10:15	0	0
88	4/15/2024 10:16	0	0
89	4/15/2024 10:17	0	0
90	4/15/2024 10:18	0	0
91	4/15/2024 10:19	0	0
92	4/15/2024 10:20	0	0
93	4/15/2024 10:21	0	0
94	4/15/2024 10:22	0	0
95	4/15/2024 10:23	0	0
96	4/15/2024 10:24	0	0
97	4/15/2024 10:25	0	0
98	4/15/2024 10:26	0	0

99	4/15/2024 10:27	0	0
100	4/15/2024 10:28	0	0
101	4/15/2024 10:29	0	0
102	4/15/2024 10:30	0	0
103	4/15/2024 10:31	0	0
104	4/15/2024 10:32	0	0
105	4/15/2024 10:33	0	0
106	4/15/2024 10:34	0	0
107	4/15/2024 10:35	0	0
108	4/15/2024 10:36	0	0
109	4/15/2024 10:37	0	0
110	4/15/2024 10:38	0	0
111	4/15/2024 10:39	0	0
112	4/15/2024 10:40	0	0
113	4/15/2024 10:41	0	0
114	4/15/2024 10:42	0	0
115	4/15/2024 10:43	0	0
116	4/15/2024 10:44	0	0
117	4/15/2024 10:45	0	0
118	4/15/2024 10:46	0	0
119	4/15/2024 10:47	0	0
120	4/15/2024 10:48	0	0
121	4/15/2024 10:49	0	0
122	4/15/2024 10:50	0	0
123	4/15/2024 10:51	0	0
124	4/15/2024 10:52	0	0
125	4/15/2024 10:53	0	0
126	4/15/2024 10:54	0	0
127	4/15/2024 10:55	0	0
128	4/15/2024 10:56	0	0
129	4/15/2024 10:57	0	0
130	4/15/2024 10:58	0	0
131	4/15/2024 10:59	0	0
132	4/15/2024 11:00	0	0
133	4/15/2024 11:01	0	0
134	4/15/2024 11:02	0	0
135	4/15/2024 11:03	0	0
136	4/15/2024 11:04	0	0
137	4/15/2024 11:05	0	0
138	4/15/2024 11:06	0	0
139	4/15/2024 11:07	0	0
140	4/15/2024 11:08	0	0
141	4/15/2024 11:09	0	0
142	4/15/2024 11:10	0	0

143	4/15/2024 11:11	0	0
144	4/15/2024 11:12	0	0
145	4/15/2024 11:13	0	0
146	4/15/2024 11:14	0	0
147	4/15/2024 11:15	0	0
148	4/15/2024 11:16	0	0
149	4/15/2024 11:17	0	0
150	4/15/2024 11:18	0	0
151	4/15/2024 11:19	0	0
152	4/15/2024 11:20	0	0
153	4/15/2024 11:21	0	0
154	4/15/2024 11:22	0	0
155	4/15/2024 11:23	0	0
156	4/15/2024 11:24	0	0
157	4/15/2024 11:25	0	0
158	4/15/2024 11:26	0	0
159	4/15/2024 11:27	0	0
160	4/15/2024 11:28	0	0
161	4/15/2024 11:29	0	0
162	4/15/2024 11:30	0	0
163	4/15/2024 11:31	0	0
164	4/15/2024 11:32	0	0
165	4/15/2024 11:33	0	0
166	4/15/2024 11:34	0	0
167	4/15/2024 11:35	0	0
168	4/15/2024 11:36	0	0
169	4/15/2024 11:37	0	0
170	4/15/2024 11:38	0	0
171	4/15/2024 11:39	0	0
172	4/15/2024 11:40	0	0
173	4/15/2024 11:41	0	0
174	4/15/2024 11:42	0	0
175	4/15/2024 11:43	0	0
176	4/15/2024 11:44	0	0
177	4/15/2024 11:45	0	0
178	4/15/2024 11:46	0	0
179	4/15/2024 11:47	0	0
180	4/15/2024 11:48	0	0
181	4/15/2024 11:49	0	0
182	4/15/2024 11:50	0	0
183	4/15/2024 11:51	0	0
184	4/15/2024 11:52	0	0
185	4/15/2024 11:53	0	0
186	4/15/2024 11:54	0	0

187	4/15/2024 11:55	0	0
188	4/15/2024 11:56	0	0
189	4/15/2024 11:57	0	0
190	4/15/2024 11:58	0	0
191	4/15/2024 11:59	0	0
192	4/15/2024 12:00	0	0
193	4/15/2024 12:01	0	0
194	4/15/2024 12:02	0	0
195	4/15/2024 12:03	0	0
196	4/15/2024 12:04	0	0
197	4/15/2024 12:05	0	0
198	4/15/2024 12:06	0	0
199	4/15/2024 12:07	0	0
200	4/15/2024 12:08	0	0
201	4/15/2024 12:09	0	0
202	4/15/2024 12:10	0	0
203	4/15/2024 12:11	0	0
204	4/15/2024 12:12	0	0
205	4/15/2024 12:13	0	0
206	4/15/2024 12:14	0	0
207	4/15/2024 12:15	0	0
208	4/15/2024 12:16	0	0
209	4/15/2024 12:17	0	0
210	4/15/2024 12:18	0	0
211	4/15/2024 12:19	0	0
212	4/15/2024 12:20	0	0
213	4/15/2024 12:21	0	0
214	4/15/2024 12:22	0	0
215	4/15/2024 12:23	0	0
216	4/15/2024 12:24	0	0
217	4/15/2024 12:25	0	0
218	4/15/2024 12:26	0	0
219	4/15/2024 12:27	0	0
220	4/15/2024 12:28	0	0
221	4/15/2024 12:29	0	0
222	4/15/2024 12:30	0	0
223	4/15/2024 12:31	0	0
224	4/15/2024 12:32	0	0
225	4/15/2024 12:33	0	0
226	4/15/2024 12:34	0	0

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24/04/15 13:24

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-603302
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	4/15/2024 13:24
End	4/15/2024 14:30
Sample Period(s)	60
Number of Records	65

Sensor	PID(ppm)
Sensor SN	S023030096CA
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	2000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	4/3/2024 10:09
Peak	0
Min	0
Average	0

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Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	4/15/2024 13:25	0	0	0
2	4/15/2024 13:26	0	0	0
3	4/15/2024 13:27	0	0	0
4	4/15/2024 13:28	0	0	0
5	4/15/2024 13:29	0	0	0
6	4/15/2024 13:30	0	0	0

7	4/15/2024 13:31	0	0	0
8	4/15/2024 13:32	0	0	0
9	4/15/2024 13:33	0	0	0
10	4/15/2024 13:34	0	0	0
11	4/15/2024 13:35	0	0	0
12	4/15/2024 13:36	0	0	0
13	4/15/2024 13:37	0	0	0
14	4/15/2024 13:38	0	0	0
15	4/15/2024 13:39	0	0	0
16	4/15/2024 13:40	0	0	0
17	4/15/2024 13:41	0	0	0
18	4/15/2024 13:42	0	0	0
19	4/15/2024 13:43	0	0	0
20	4/15/2024 13:44	0	0	0
21	4/15/2024 13:45	0	0	0
22	4/15/2024 13:46	0	0	0
23	4/15/2024 13:47	0	0	0
24	4/15/2024 13:48	0	0	0
25	4/15/2024 13:49	0	0	0
26	4/15/2024 13:50	0	0	0
27	4/15/2024 13:51	0	0	0
28	4/15/2024 13:52	0	0	0
29	4/15/2024 13:53	0	0	0
30	4/15/2024 13:54	0	0	0
31	4/15/2024 13:55	0	0	0
32	4/15/2024 13:56	0	0	0
33	4/15/2024 13:57	0	0	0
34	4/15/2024 13:58	0	0	0
35	4/15/2024 13:59	0	0	0
36	4/15/2024 14:00	0	0	0
37	4/15/2024 14:01	0	0	0
38	4/15/2024 14:02	0	0	0
39	4/15/2024 14:03	0	0	0
40	4/15/2024 14:04	0	0	0
41	4/15/2024 14:05	0	0	0
42	4/15/2024 14:06	0	0	0
43	4/15/2024 14:07	0	0	0
44	4/15/2024 14:08	0	0	0
45	4/15/2024 14:09	0	0	0
46	4/15/2024 14:10	0	0	0
47	4/15/2024 14:11	0	0	0
48	4/15/2024 14:12	0	0	0
49	4/15/2024 14:13	0	0	0
50	4/15/2024 14:14	0	0	0

	51	4/15/2024 14:15	0	0	0
	52	4/15/2024 14:16	0	0	0
	53	4/15/2024 14:17	0	0	0
	54	4/15/2024 14:18	0	0	0
	55	4/15/2024 14:19	0	0	0
	56	4/15/2024 14:20	0	0	0
	57	4/15/2024 14:21	0	0	0
	58	4/15/2024 14:22	0	0	0
	59	4/15/2024 14:23	0	0	0
	60	4/15/2024 14:24	0	0	0
	61	4/15/2024 14:25	0	0	0
	62	4/15/2024 14:26	0	0	0
	63	4/15/2024 14:27	0	0	0
	64	4/15/2024 14:28	0	0	0
	65	4/15/2024 14:29	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

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TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	4/15/2024 13:25	0	---
2	4/15/2024 13:26	0	---
3	4/15/2024 13:27	0	---
4	4/15/2024 13:28	0	---
5	4/15/2024 13:29	0	---
6	4/15/2024 13:30	0	---
7	4/15/2024 13:31	0	---
8	4/15/2024 13:32	0	---
9	4/15/2024 13:33	0	---
10	4/15/2024 13:34	0	---
11	4/15/2024 13:35	0	---
12	4/15/2024 13:36	0	---
13	4/15/2024 13:37	0	---
14	4/15/2024 13:38	0	---
15	4/15/2024 13:39	0	0
16	4/15/2024 13:40	0	0
17	4/15/2024 13:41	0	0
18	4/15/2024 13:42	0	0
19	4/15/2024 13:43	0	0
20	4/15/2024 13:44	0	0
21	4/15/2024 13:45	0	0

22	4/15/2024 13:46	0	0
23	4/15/2024 13:47	0	0
24	4/15/2024 13:48	0	0
25	4/15/2024 13:49	0	0
26	4/15/2024 13:50	0	0
27	4/15/2024 13:51	0	0
28	4/15/2024 13:52	0	0
29	4/15/2024 13:53	0	0
30	4/15/2024 13:54	0	0
31	4/15/2024 13:55	0	0
32	4/15/2024 13:56	0	0
33	4/15/2024 13:57	0	0
34	4/15/2024 13:58	0	0
35	4/15/2024 13:59	0	0
36	4/15/2024 14:00	0	0
37	4/15/2024 14:01	0	0
38	4/15/2024 14:02	0	0
39	4/15/2024 14:03	0	0
40	4/15/2024 14:04	0	0
41	4/15/2024 14:05	0	0
42	4/15/2024 14:06	0	0
43	4/15/2024 14:07	0	0
44	4/15/2024 14:08	0	0
45	4/15/2024 14:09	0	0
46	4/15/2024 14:10	0	0
47	4/15/2024 14:11	0	0
48	4/15/2024 14:12	0	0
49	4/15/2024 14:13	0	0
50	4/15/2024 14:14	0	0
51	4/15/2024 14:15	0	0
52	4/15/2024 14:16	0	0
53	4/15/2024 14:17	0	0
54	4/15/2024 14:18	0	0
55	4/15/2024 14:19	0	0
56	4/15/2024 14:20	0	0
57	4/15/2024 14:21	0	0
58	4/15/2024 14:22	0	0
59	4/15/2024 14:23	0	0
60	4/15/2024 14:24	0	0
61	4/15/2024 14:25	0	0
62	4/15/2024 14:26	0	0
63	4/15/2024 14:27	0	0
64	4/15/2024 14:28	0	0
65	4/15/2024 14:29	0	0

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24/04/16 08:49

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-603302
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	4/16/2024 8:49
End	4/16/2024 11:36
Sample Period(s)	60
Number of Records	166

Sensor	PID(ppm)
Sensor SN	S023030096CA
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	2000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	4/3/2024 10:09
Peak	0
Min	0
Average	0

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Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	4/16/2024 8:50	0	0	0
2	4/16/2024 8:51	0	0	0

3	4/16/2024 8:52	0	0	0
4	4/16/2024 8:53	0	0	0
5	4/16/2024 8:54	0	0	0
6	4/16/2024 8:55	0	0	0
7	4/16/2024 8:56	0	0	0
8	4/16/2024 8:57	0	0	0
9	4/16/2024 8:58	0	0	0
10	4/16/2024 8:59	0	0	0
11	4/16/2024 9:00	0	0	0
12	4/16/2024 9:01	0	0	0
13	4/16/2024 9:02	0	0	0
14	4/16/2024 9:03	0	0	0
15	4/16/2024 9:04	0	0	0
16	4/16/2024 9:05	0	0	0
17	4/16/2024 9:06	0	0	0
18	4/16/2024 9:07	0	0	0
19	4/16/2024 9:08	0	0	0
20	4/16/2024 9:09	0	0	0
21	4/16/2024 9:10	0	0	0
22	4/16/2024 9:11	0	0	0
23	4/16/2024 9:12	0	0	0
24	4/16/2024 9:13	0	0	0
25	4/16/2024 9:14	0	0	0
26	4/16/2024 9:15	0	0	0
27	4/16/2024 9:16	0	0	0
28	4/16/2024 9:17	0	0	0
29	4/16/2024 9:18	0	0	0
30	4/16/2024 9:19	0	0	0
31	4/16/2024 9:20	0	0	0
32	4/16/2024 9:21	0	0	0
33	4/16/2024 9:22	0	0	0
34	4/16/2024 9:23	0	0	0
35	4/16/2024 9:24	0	0	0
36	4/16/2024 9:25	0	0	0
37	4/16/2024 9:26	0	0	0
38	4/16/2024 9:27	0	0	0
39	4/16/2024 9:28	0	0	0
40	4/16/2024 9:29	0	0	0
41	4/16/2024 9:30	0	0	0
42	4/16/2024 9:31	0	0	0
43	4/16/2024 9:32	0	0	0
44	4/16/2024 9:33	0	0	0
45	4/16/2024 9:34	0	0	0
46	4/16/2024 9:35	0	0	0

47	4/16/2024 9:36	0	0	0
48	4/16/2024 9:37	0	0	0
49	4/16/2024 9:38	0	0	0
50	4/16/2024 9:39	0	0	0
51	4/16/2024 9:40	0	0	0
52	4/16/2024 9:41	0	0	0
53	4/16/2024 9:42	0	0	0
54	4/16/2024 9:43	0	0	0
55	4/16/2024 9:44	0	0	0
56	4/16/2024 9:45	0	0	0
57	4/16/2024 9:46	0	0	0
58	4/16/2024 9:47	0	0	0
59	4/16/2024 9:48	0	0	0
60	4/16/2024 9:49	0	0	0
61	4/16/2024 9:50	0	0	0
62	4/16/2024 9:51	0	0	0
63	4/16/2024 9:52	0	0	0
64	4/16/2024 9:53	0	0	0
65	4/16/2024 9:54	0	0	0
66	4/16/2024 9:55	0	0	0
67	4/16/2024 9:56	0	0	0
68	4/16/2024 9:57	0	0	0
69	4/16/2024 9:58	0	0	0
70	4/16/2024 9:59	0	0	0
71	4/16/2024 10:00	0	0	0
72	4/16/2024 10:01	0	0	0
73	4/16/2024 10:02	0	0	0
74	4/16/2024 10:03	0	0	0
75	4/16/2024 10:04	0	0	0
76	4/16/2024 10:05	0	0	0
77	4/16/2024 10:06	0	0	0
78	4/16/2024 10:07	0	0	0
79	4/16/2024 10:08	0	0	0
80	4/16/2024 10:09	0	0	0
81	4/16/2024 10:10	0	0	0
82	4/16/2024 10:11	0	0	0
83	4/16/2024 10:12	0	0	0
84	4/16/2024 10:13	0	0	0
85	4/16/2024 10:14	0	0	0
86	4/16/2024 10:15	0	0	0
87	4/16/2024 10:16	0	0	0
88	4/16/2024 10:17	0	0	0
89	4/16/2024 10:18	0	0	0
90	4/16/2024 10:19	0	0	0

91	4/16/2024 10:20	0	0	0
92	4/16/2024 10:21	0	0	0
93	4/16/2024 10:22	0	0	0
94	4/16/2024 10:23	0	0	0
95	4/16/2024 10:24	0	0	0
96	4/16/2024 10:25	0	0	0
97	4/16/2024 10:26	0	0	0
98	4/16/2024 10:27	0	0	0
99	4/16/2024 10:28	0	0	0
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113	4/16/2024 10:42	0	0	0
114	4/16/2024 10:43	0	0	0
115	4/16/2024 10:44	0	0	0
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124	4/16/2024 10:53	0	0	0
125	4/16/2024 10:54	0	0	0
126	4/16/2024 10:55	0	0	0
127	4/16/2024 10:56	0	0	0
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	165	4/16/2024 11:34	0	0	0
	166	4/16/2024 11:35	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
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2	4/16/2024 8:51	0	---
3	4/16/2024 8:52	0	---
4	4/16/2024 8:53	0	---

5	4/16/2024 8:54	0	---
6	4/16/2024 8:55	0	---
7	4/16/2024 8:56	0	---
8	4/16/2024 8:57	0	---
9	4/16/2024 8:58	0	---
10	4/16/2024 8:59	0	---
11	4/16/2024 9:00	0	---
12	4/16/2024 9:01	0	---
13	4/16/2024 9:02	0	---
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15	4/16/2024 9:04	0	0
16	4/16/2024 9:05	0	0
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19	4/16/2024 9:08	0	0
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36	4/16/2024 9:25	0	0
37	4/16/2024 9:26	0	0
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44	4/16/2024 9:33	0	0
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46	4/16/2024 9:35	0	0
47	4/16/2024 9:36	0	0
48	4/16/2024 9:37	0	0

49	4/16/2024 9:38	0	0
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88	4/16/2024 10:17	0	0
89	4/16/2024 10:18	0	0
90	4/16/2024 10:19	0	0
91	4/16/2024 10:20	0	0
92	4/16/2024 10:21	0	0

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133	4/16/2024 11:02	0	0
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135	4/16/2024 11:04	0	0
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ATTACHMENT C
Waterloo APS Report

CASCADE
DRILLING | TECHNICAL SERVICES

02/05/2024

FINAL DATA REPORT

High Resolution Site Characterization

Waterloo Advanced Profiling System (Waterloo^{APS})

President Street Site
Brooklyn, New York
203231228

Prepared for:
HRP Associates, Inc.
Patrick Montuori
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

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Physicochemical Daily Logs

PROGRAM NARRATIVE

Cascade Technical Services (Cascade) is pleased to present this Final Data Report to HRP for the Waterloo Advanced Profiling System (Waterloo^{APS}) services provided between January 15th and 23rd, 2024 at the project site in Brooklyn, New York.

Cascade advanced Waterloo^{APS} borings at 8 locations at the site to generate hydrostratigraphic information and to collect groundwater samples for later analysis of VOC's at an offsite laboratory. These investigation locations (shown on Figure 1) were advanced to depths of approximately 50.1 to 50.3 feet below ground surface (fbgs). In total, Cascade collected thirty eight groundwater samples and relinquished control of those samples to HRP in the field.

Operation of the Waterloo^{APS} was conducted by trained professionals and quality assurance/quality control (QA/QC) measurements associated with these data were found to be within the tolerances set forth in the Standard Operating Procedures (SOPs) with the exceptions listed below. These QA/QC measurements and tests conducted during this field program included: Waterloo^{APS} equipment calibration, and multiparameter water quality sonde calibration.

Exceptions to Waterloo^{APS} SOPs during this project:

- Not all samples collected throughout this investigation reached physicochemical parameter stabilization as outlined in the SOP. Some samples were collected prior to physicochemical parameter stabilization due to time constraints and/or sample volume constraints (e.g., if the pumping rate slowed due to silting of the downhole sampling tip). Exceptions/deviations regarding these data are noted in the SOP Deviations Summary Table.

I certify that this data package complies with the terms and conditions of the contract and meets Cascade's data quality standards, with the exceptions detailed above (if any). Release of the data contained in this data package has been authorized by the data manager or his/her designee, as verified by the following signature.

Casey Moore
Project Manager, Site Characterization

SOP DEVIATIONS SUMMARY TABLE

The table below provides a summary of deviations from the SOP and short explanations of those instances, where appropriate. The locations are presented in the order in which they were completed. Not all locations contained deviations from the SOP.

Location	Sample Depth (feet)	Parameters That Did Not Meet Stabilization Criteria	Comments
SB-WL-1	-10.0	SC, ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-20.0	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-30.0	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-50.3	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
SB-WL-2	-10.0	SC, DO, ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-20.1	DO	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-40.1	DO, ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-50.1	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
SB-WL-3A	-33.5	SC, DO	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-40.2	SC, DO	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-50.2	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
SB-WL-4	-9.0	SC, DO, pH, ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-20.1	SC, ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-30.2	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-50.2	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
SB-WL-5	-10.1	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-20.1	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.

SB-WL-5	-30.1	DO	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-40.2	DO, ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
SB-WL-8	-10.0	DO	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-30.1	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-40.1	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
SB-WL-9	-20.1	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-30.3	DO, ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-50.1	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
SB-WL-10	-10.2	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.
	-20.3	ORP	Sample collected prior to full parameter stabilization due to reaching established maximum purge time.

Table Notes:
SC Specific Conductance
ORP Oxidation-Reduction Potential
DO Dissolved Oxygen Concentration

PROJECT DETAILS

This section provides information regarding the Cascade personnel present at the site during the field activities and the specific equipment used during field activities.

Cascade Personnel

The following personnel were present during field activities at the Site:

- Joanna Esquivel, HRSC Technician
- Brian Sweeney, DPT Rig Operator
- Cunard Lopez, DPT Rig Operator

Cascade Equipment

The following HRSC equipment was utilized during field activities at the Site:

- One Cascade Waterloo^{APS} Unit with YSI multiparameter water quality sonde.
- One Geoprobe 7822DT track mounted direct push drill rig.

RESULTS AND RECOMMENDATIONS

This section provides a summary of the data collected during this investigation program, Cascade's recommendations for updating the conceptual site model, and suggestions for next steps in the site management process, including remediation, if appropriate.

Data Summary

Index of Hydraulic Conductivity logs were generated at eight locations in proximity of the intersection of Union with Nevin streets in Brooklyn, NY, consisting of five borings on the Northern side of Union Street (SB-WL-1 through SB-WL-5) and three on the southern side of Union Street (SB-WL-8 through SB-WL-10).

A generalized I_k review of these profiles indicate a comparable stratigraphy to one another of predominantly zones of moderate I_k with occasional lenses to zones of lower I_k. SB-WL-1, and SB-WL-8 were the most homogenous of the borings with minimal variance in I_k. SB-WL-5, and SB-WL-9 exhibited the most pronounced zones of variation in I_k (31-50 fbgs, SB-WL-5, 20-50 fbgs SB-WL-5) with a transition into a slightly lower flow. Borings SB-WL-2, -3A, -4, -9 and -10 all encountered thin lenses to zones of slighty lower within the first 15 fbgs. I_k Twenty three ground water samples were collected from borings on the Northern side of Union Street and fifteen from the Southern. All eight of the borings reached intended target depths.

This interpretation is limited by the absence of the laboratory analytical data associated with the samples collected during this program.

A full review of the physicochemical parameters data set was not conducted as part of this scope of work. To properly use these data, it is recommended that the results of the laboratory analyses are reviewed for anomalies and trends, and these physicochemical parameters are compared to those collected elsewhere at the site during previous investigations.

Recommendations

Additional recommendations were not included in this scope of work. Please contact the Cascade Project Manager if you would like to discuss further investigation or remediation alternatives. We would be excited to continue to learn about this site and assist you in meeting your site management goals.

CASCADE

DRILLING | TECHNICAL SERVICES

SITE PLAN

CASCADE
DRILLING | TECHNICAL SERVICES

President St. Site
Brooklyn, NY

HRP Associates, Inc.
APS
Investigtion Locations

Prepared by: WBC	Date: 02/05/2024	Project No. 203231228	Figure 2

INVESTIGATION DATA PLOTS

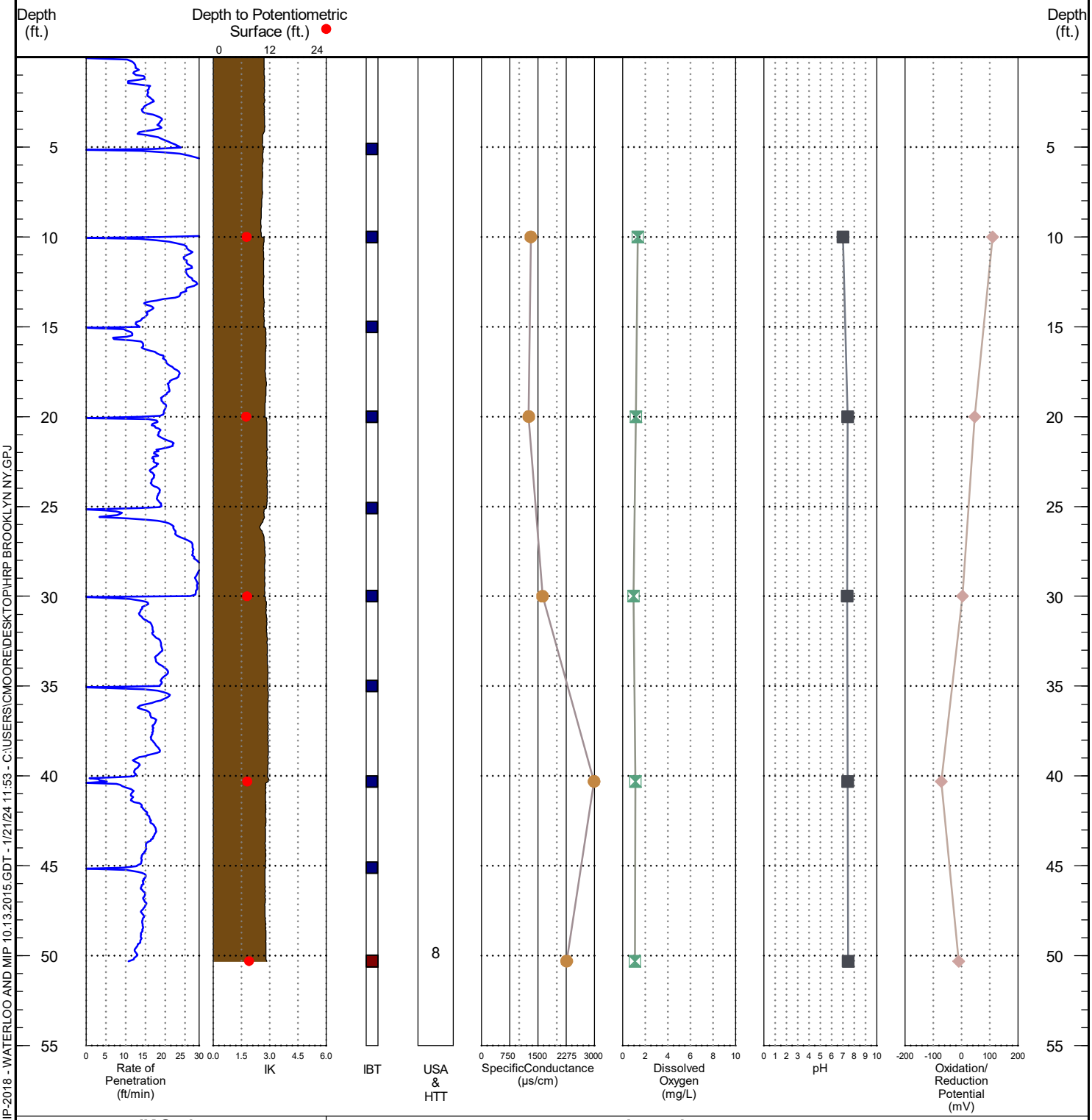
BORING NAME: SB-WL-1

Total Depth -50.3 ft.

Waterloo APS-D™ ADVANCED PROFILING SYSTEM

Project Name President Street Site
Client HRP
Project Number 203.23.1228
Project Location Brooklyn, NY

Date Completed 1/19/2024
Sampler(s) JE
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri Pump



WATERLOO AND MIP-2018 - WATERLOO AND MIP 10.13.2015.GDT - 1/21/24 11:53 - C:\USERS\CMOORE\DESKTOP\HRP BROOKLYN NY.GPJ

IK Scale

0 to 0.1
0.1 to 2
2 to 4
4 to 6
>6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- ✳ = Could not produce water
- ▲ = Yield deemed too slow
- ■ = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

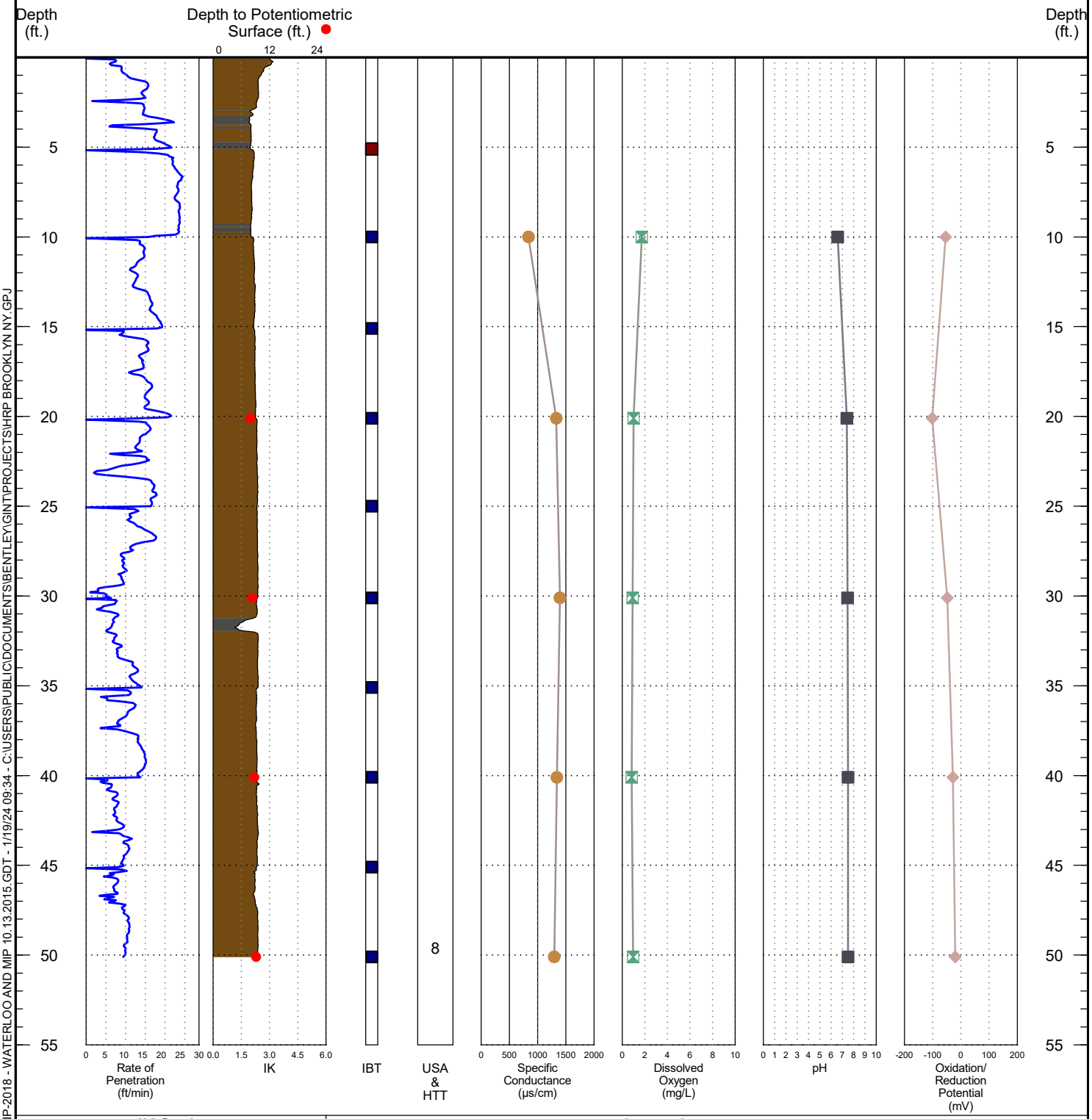
BORING NAME: SB-WL-2

Total Depth -50.1 ft.

Waterloo APS-D™ ADVANCED PROFILING SYSTEM

Project Name President Street Site
Client HRP
Project Number 203.23.1228
Project Location Brooklyn, NY

Date Completed 1/18/2024
Sampler(s) JE
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri Pump



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IK Scale

0 to 0.1
0.1 to 2
2 to 4
4 to 6
>6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- ✳ = Could not produce water
- ▲ = Yield deemed too slow
- ■ = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

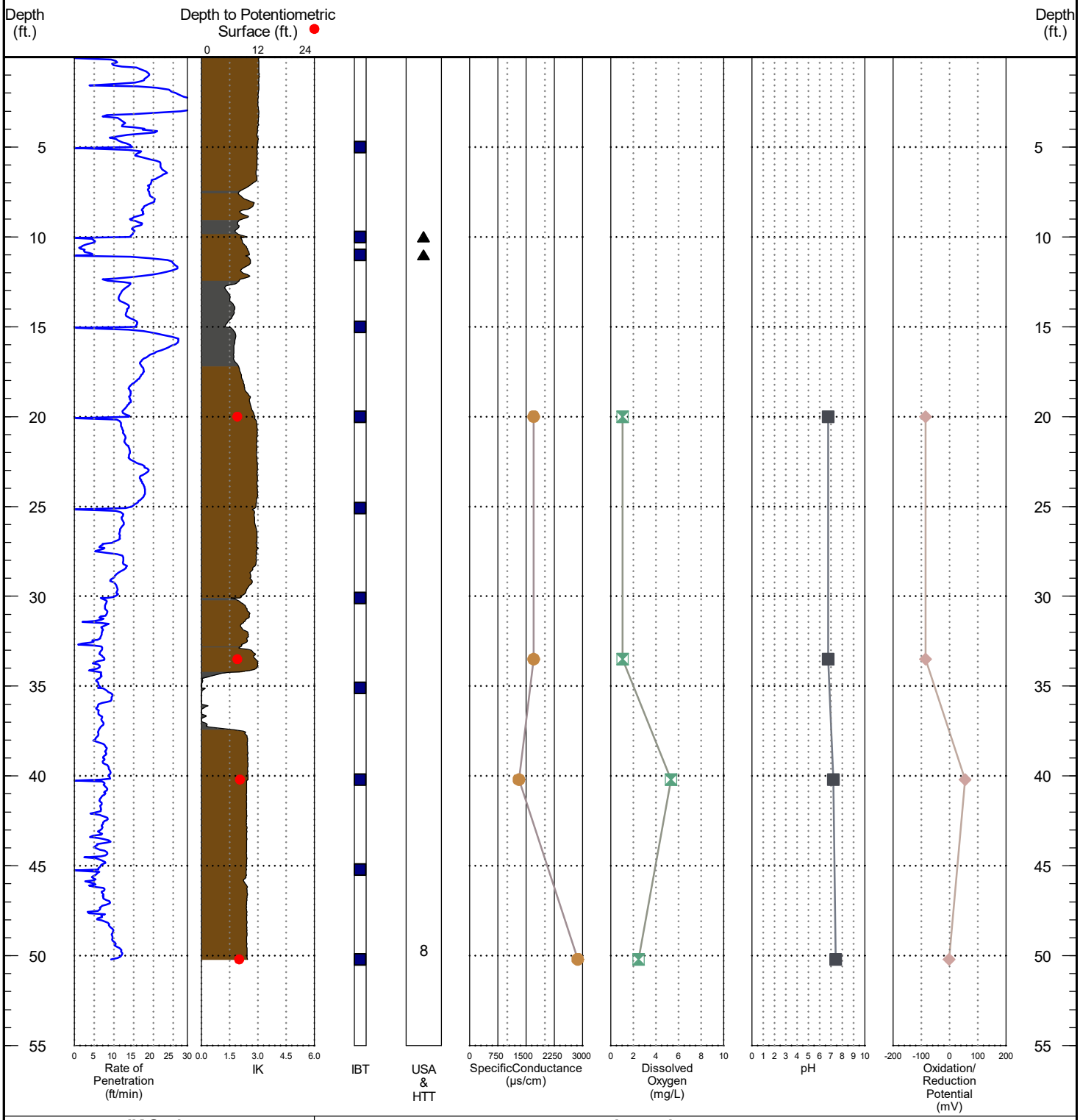
BORING NAME: SB-WL-3A

Total Depth -50.2 ft.

Waterloo APS-D™ ADVANCED PROFILING SYSTEM

Project Name President Street Site
Client HRP
Project Number 203.23.1228
Project Location Brooklyn, NY

Date Completed 1/23/2024
Sampler(s) JE
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri Pump



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IK Scale

0 to 0.1
0.1 to 2
2 to 4
4 to 6
>6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- ✳ = Could not produce water
- ▲ = Yield deemed too slow
- ■ = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

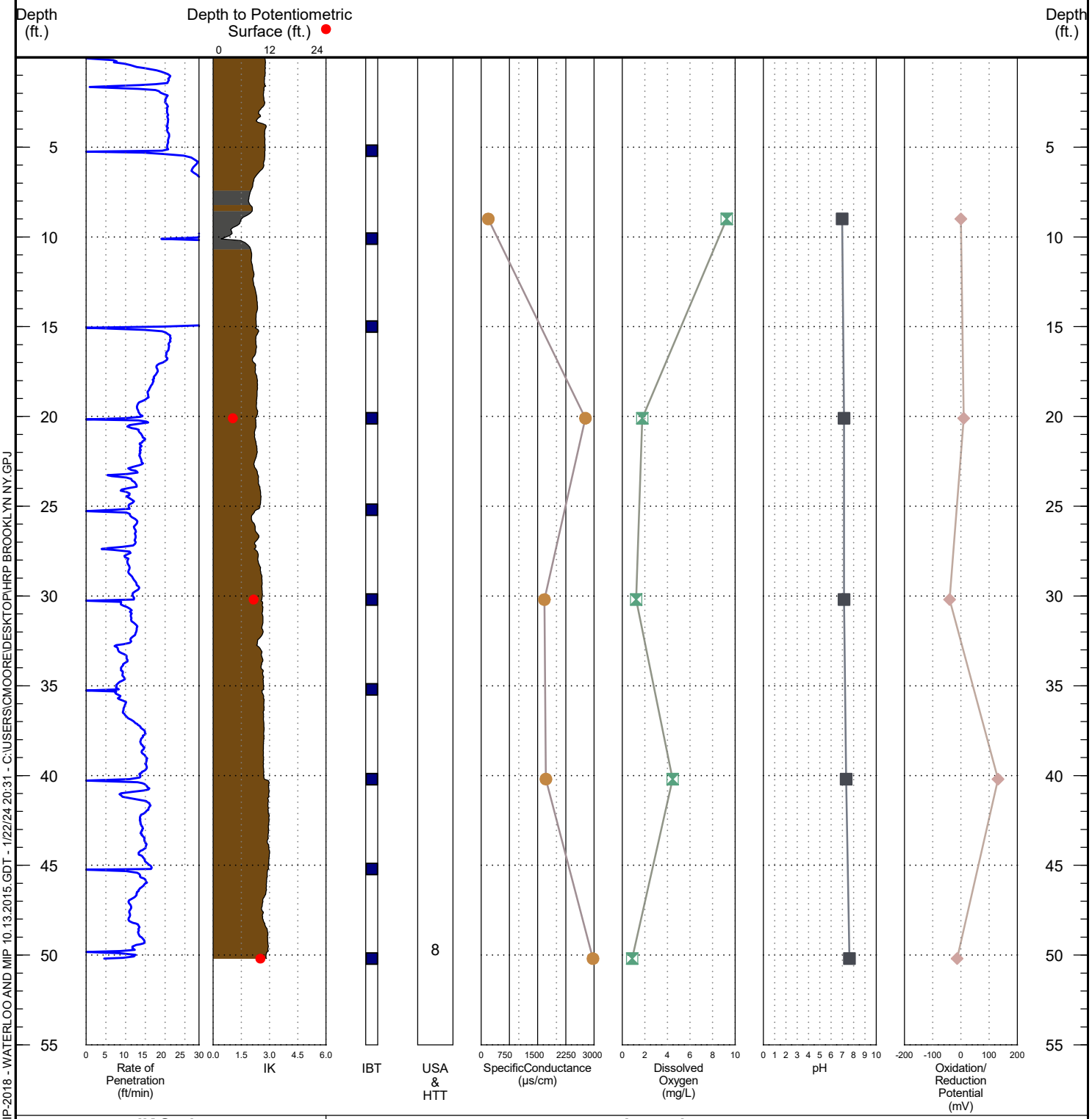
BORING NAME: SB-WL-4

Total Depth -50.2 ft.

Waterloo APS-D™ ADVANCED PROFILING SYSTEM

Project Name President Street Site
Client HRP
Project Number 203.23.1228
Project Location Brooklyn, NY

Date Completed 1/22/2024
Sampler(s) JE
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri Pump



WATERLOO AND MIP-2018 - WATERLOO AND MIP 10.13.2015.GDT - 1/22/24 20:31 - C:\USERS\CMOORE\DESKTOP\HRP BROOKLYN NY.GPJ

IK Scale

0 to 0.1
0.1 to 2
2 to 4
4 to 6
>6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- ✳ = Could not produce water
- ▲ = Yield deemed too slow
- ■ = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

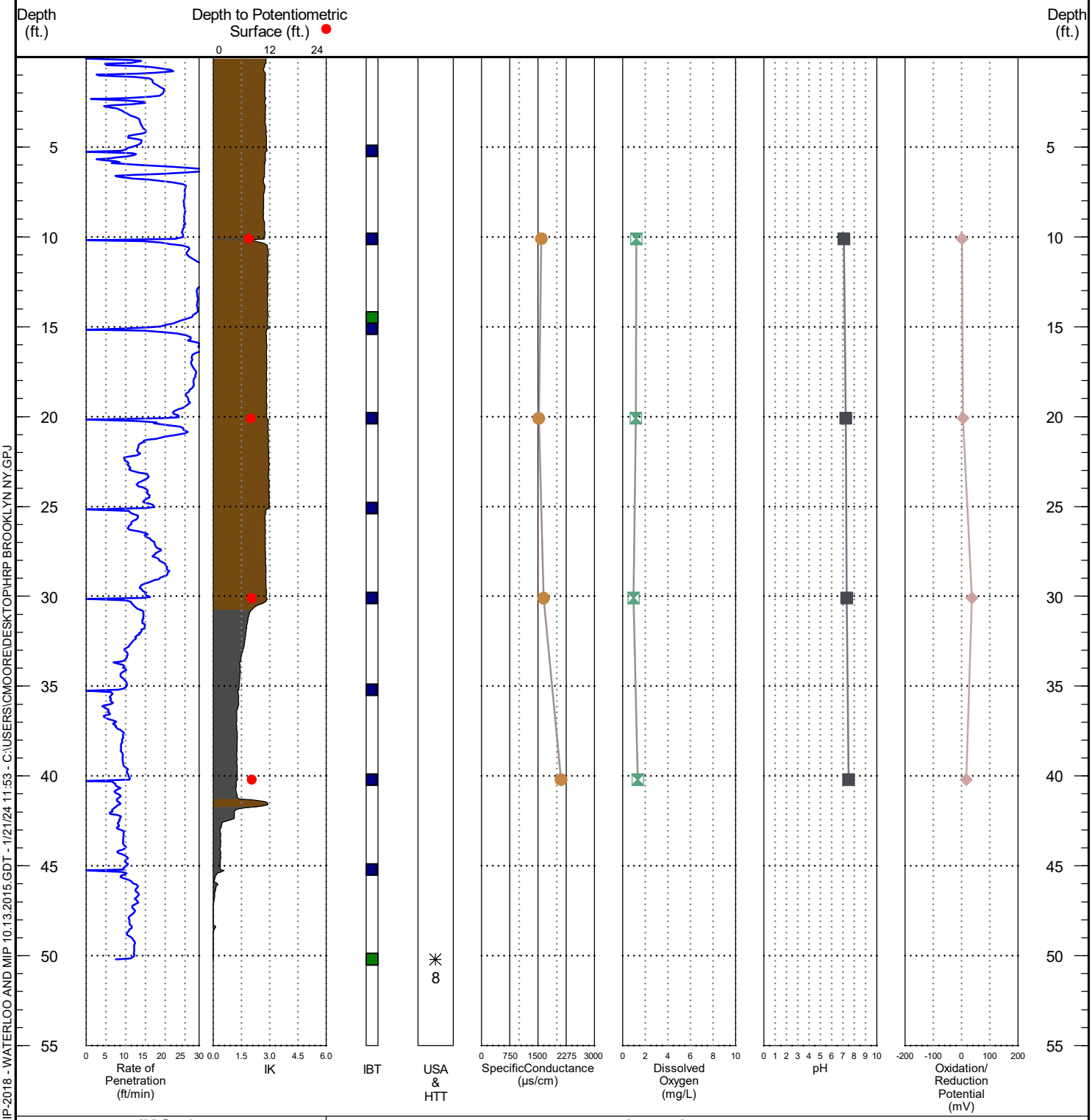
BORING NAME: SB-WL-5

Total Depth -50.2 ft.

Waterloo APS-D™ ADVANCED PROFILING SYSTEM

Project Name President Street Site
Client HRP
Project Number 203.23.1228
Project Location Brooklyn, NY

Date Completed 1/19/2024
Sampler(s) JE
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri Pump



WATERLOO AND MIP-2018 - WATERLOO AND MIP 10.13.2015.GDT - 1/21/24 11:53 - C:\USERS\CMOORE\DESKTOP\HRP BROOKLYN NY.GPJ

IK Scale

0 to 0.1
0.1 to 2
2 to 4
4 to 6
>6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- ✳ = Could not produce water
- ▲ = Yield deemed too slow
- ■ = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

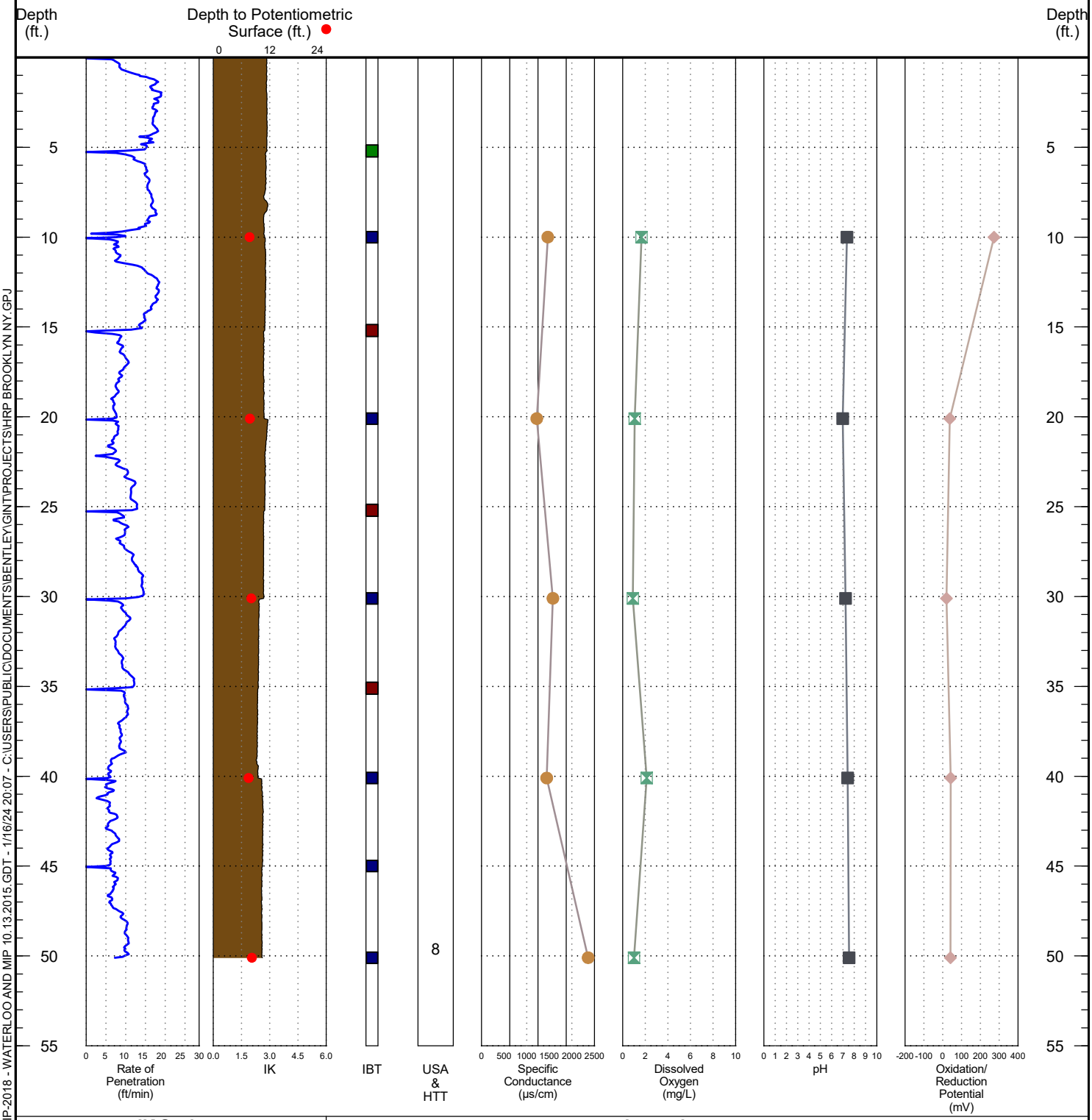
BORING NAME: SB-WL-8

Total Depth -50.1 ft.

Waterloo APS-D™ ADVANCED PROFILING SYSTEM

Project Name President Street Site
Client HRP
Project Number 203.23.1228
Project Location Brooklyn, NY

Date Completed 1/16/2024
Sampler(s) JE
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri Pump



WATERLOO AND MIP-2018 - WATERLOO AND MIP 10.13.2015.GDT - 1/16/24 20:07 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\HRP BROOKLYN NY.GPJ

IK Scale

0 to 0.1
0.1 to 2
2 to 4
4 to 6
>6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- ✳ = Could not produce water
- ▲ = Yield deemed too slow
- ■ = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

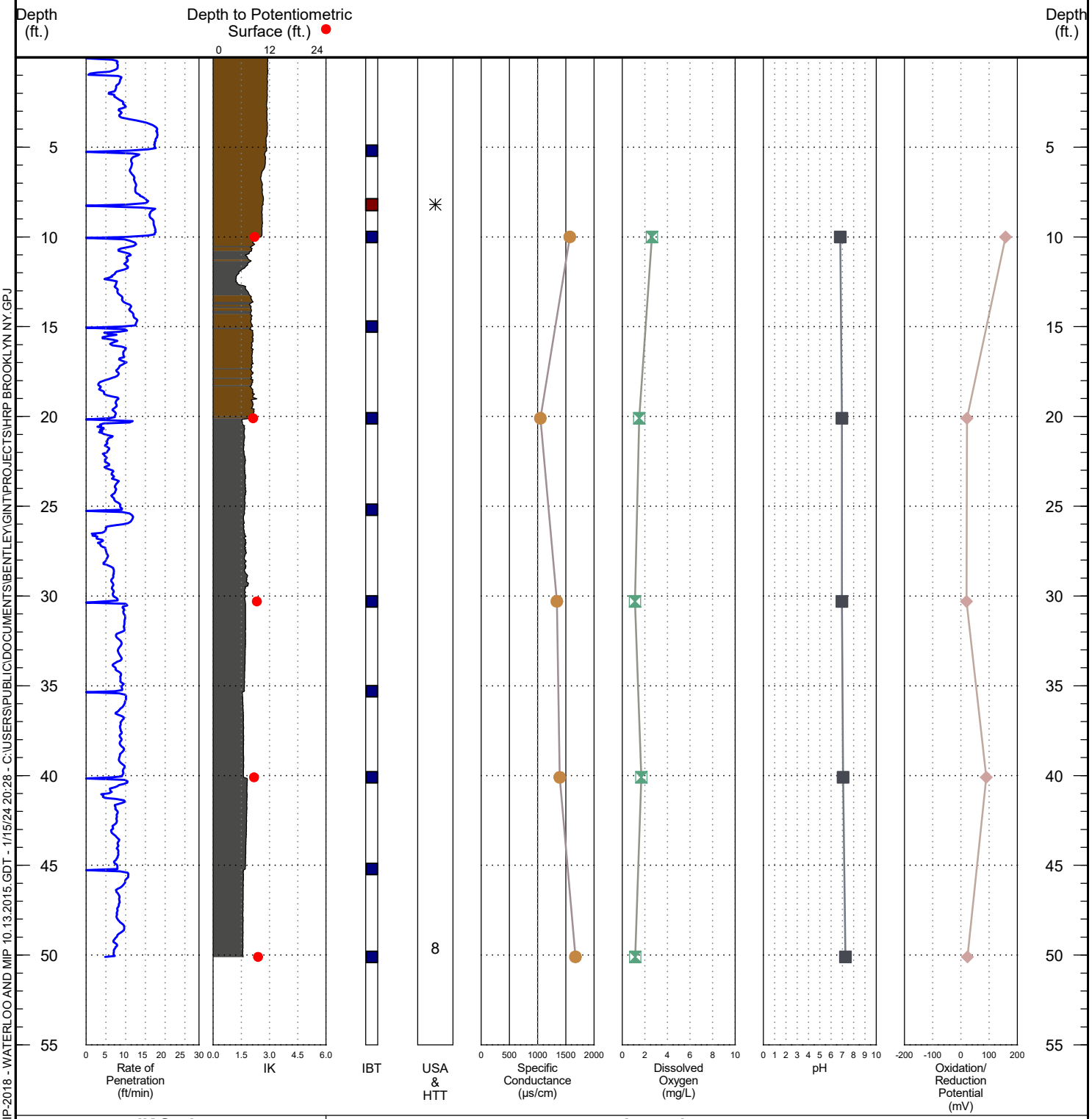
BORING NAME: SB-WL-9

Total Depth -50.1 ft.

Waterloo APS-D™ ADVANCED PROFILING SYSTEM

Project Name President Street Site
Client HRP
Project Number 203.23.1228
Project Location Brooklyn, NY

Date Completed 1/15/2024
Sampler(s) JE
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri Pump



WATERLOO AND MIP-2018 - WATERLOO AND MIP 10.13.2015.GDT - 1/15/24 20:28 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\HRP BROOKLYN NY.GPJ

IK Scale

0 to 0.1
0.1 to 2
2 to 4
4 to 6
>6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- ✳ = Could not produce water
- ▲ = Yield deemed too slow
- ■ = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

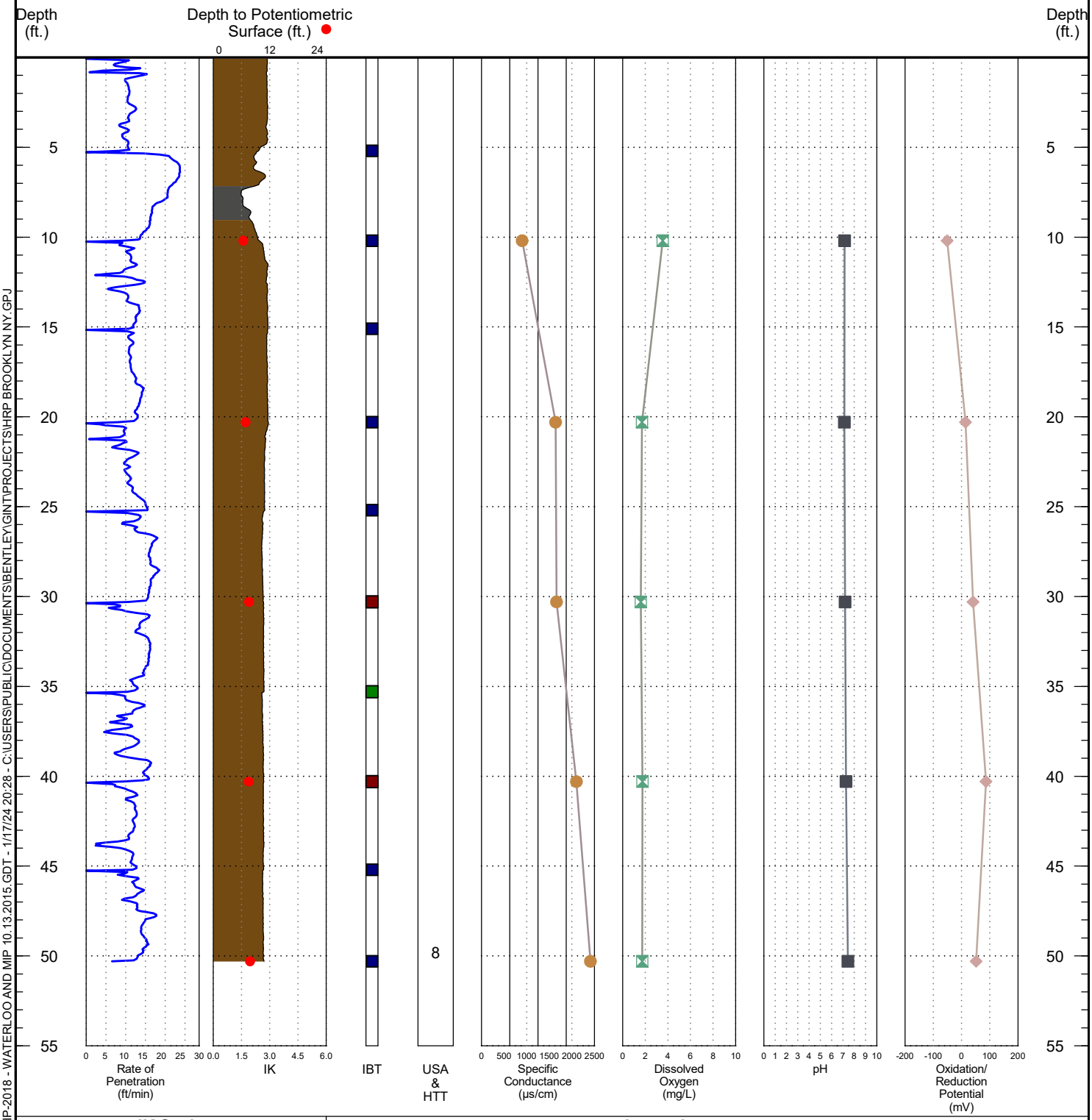
BORING NAME: SB-WL-10

Total Depth -50.3 ft.

Waterloo APS-D™ ADVANCED PROFILING SYSTEM

Project Name President Street Site
Client HRP
Project Number 203.23.1228
Project Location Brooklyn, NY

Date Completed 1/17/2024
Sampler(s) JE
Drilling Contractor Cascade
Gas Drive or Peri Pump Peri Pump



IK Scale

0 to 0.1
0.1 to 2
2 to 4
4 to 6
>6

Legend

IBT = IK Behavior Type
- = IK increase when hammer stops
- = IK decrease when hammer stops
- = No change when hammer stops

USA = Unsuccessful Sample Attempt
- ✳ = Could not produce water
- ▲ = Yield deemed too slow
- ■ = Equipment issue

HTT = Hole Termination Type
- 7 = Broken downhole equipment
- 8 = Reached Target Depth
- 9 = ROP dropped below threshold
- 10 = Sudden Hard Refusal

WATERLOO AND MIP-2018 - WATERLOO AND MIP 10.13.2015.GDT - 1/17/24 20:28 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\HRP BROOKLYN NY.GPJ

PHYSICOCHEMICAL DAILY LOGS

GROUNDWATER PROFILE LOG

Client: HRP

Profile Location: SB-WL-1

	Started	Completed					
Dates:	1/18/2024	1/19/2024	KPRO Box Serial # / Acquisition Laptop:	481APS8	Gas Drive or Peri Pump:	Peri Pump
Location:	Brooklyn, NY		Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	39.49
CTS #:	203-23-1228		Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	69.15
Sampler(s):	JE		Average Depth to Water:	-7.21	Gas Drive Pump N_2 Pressure:	NA

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-10.00	01/18/2024:14:30:31	1000	-7.08	1309	1.33	7.00	110	
-20.00	01/18/2024:15:11:18	900	-6.98	1256	1.18	7.41	46	
-30.00	01/18/2024:15:45:03	1000	-7.17	1620	0.95	7.36	4	
-40.30	01/19/2024:08:23:48	900	-7.22	2990	1.11	7.43	-71	
-50.30	01/19/2024:09:28:58	900	-7.60	2260	1.09	7.44	-10	

GROUNDWATER PROFILE LOG

Client: HRP

Profile Location: SB-WL-2

CASCADE DRILLING | TECHNICAL SERVICES

	Started	Completed					
Dates:	1/18/2024	1/18/2024	KPRO Box Serial # / Acquisition Laptop:	481APS3	Gas Drive or Peri Pump:	Peri Pump
Location:	Brooklyn, NY		Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	40.10
CTS #:	203-23-1228		Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	69.53
Sampler(s):	JE		Average Depth to Water:	-8.54	Gas Drive Pump N_2 Pressure:	NA

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-10.00	01/18/2024:10:12:39	800	NC	839	1.72	6.59	-54	
-20.10	01/18/2024:10:52:08	1000	-7.90	1331	1.00	7.39	-102	
-30.10	01/18/2024:11:31:53	1000	-8.38	1394	0.92	7.46	-48	
-40.10	01/18/2024:12:07:26	1000	-8.76	1341	0.84	7.49	-28	
-50.10	01/18/2024:12:47:38	800	-9.13	1294	0.95	7.49	-20	

GROUNDWATER PROFILE LOG

Client: HRP

Profile Location: SB-WL-3A

CASCADE DRILLING | TECHNICAL SERVICES

	Started	Completed					
Dates:	1/22/2024	1/23/2024	KPRO Box Serial # / Acquisition Laptop:	481APS8	Gas Drive or Peri Pump:	Peri Pump
Location:	Brooklyn, NY		Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	40.33
CTS #:	203-23-1228		Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	69.18
Sampler(s):	JE		Average Depth to Water:	-7.89	Gas Drive Pump N_2 Pressure:	NA

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-20.00	01/22/2024:14:51:54	800	-7.63	1700	1.06	6.74	-85	
-33.50	01/23/2024:08:53:39	1000	-7.74	643	2.02	7.40	-97	
-40.20	01/23/2024:09:40:54	1000	-8.18	1308	5.34	7.21	55	
-50.20	01/23/2024:10:17:36	1000	-8.01	2870	2.44	7.41	-1	

GROUNDWATER PROFILE LOG

Client: HRP

Profile Location: SB-WL-4

CASCADE DRILLING | TECHNICAL SERVICES

	Started	Completed				
Dates:	1/22/2024	1/22/2024	KPRO Box Serial # / Acquisition Laptop:	481APS8	Gas Drive or Peri Pump:	Peri Pump
Location:	Brooklyn, NY		Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	40.59
CTS #:	203-23-1228		Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	69.14
Sampler(s):	JE		Average Depth to Water:	-7.62	Gas Drive Pump N_2 Pressure:	NA

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-9.00	01/22/2024:09:47:02	100	NC	189	9.26	6.98	0	Collected early at client request
-20.10	01/22/2024:10:45:36	800	-4.18	2770	1.78	7.14	10	
-30.20	01/22/2024:11:33:55	800	-8.62	1680	1.22	7.15	-40	
-40.20	01/22/2024:11:59:40	800	NC	1720	4.46	7.33	132	
-50.20	01/22/2024:13:06:11	1000	-10.05	2970	0.88	7.62	-13	

GROUNDWATER PROFILE LOG

Client: HRP

Profile Location: SB-WL-5

	Started	Completed					
Dates:	1/19/2024	1/19/2024	KPRO Box Serial # / Acquisition Laptop:	481APS8	Gas Drive or Peri Pump:	Peri Pump
Location:	Brooklyn, NY		Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	39.25
CTS #:	203-23-1228		Drilling Contractor:	Cascde	KPRO N_2 Pressure (set via P transducer):	69.28
Sampler(s):	JE		Average Depth to Water:	-7.96	Gas Drive Pump N_2 Pressure:	NA

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-10.10	01/19/2024:11:43:02	1000	-7.54	1590	1.22	7.07	1	
-20.10	01/19/2024:12:24:04	900	-7.98	1520	1.17	7.24	5	
-30.10	01/19/2024:13:03:40	1000	-8.16	1650	0.96	7.33	36	
-40.20	01/19/2024:13:56:38	700	-8.17	2110	1.33	7.49	16	

GROUNDWATER PROFILE LOG

Client: HRP

Profile Location: SB-WL-8

CASCADE DRILLING | TECHNICAL SERVICES

	Started	Completed					
Dates:	1/16/2024	1/16/2024	KPRO Box Serial # / Acquisition Laptop:	481APS8	Gas Drive or Peri Pump:	Peri Pump
Location:	Brooklyn, NY		Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	39.19
CTS #:	203-23-1228		Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	69.42
Sampler(s):	JE		Average Depth to Water:	-7.86	Gas Drive Pump N_2 Pressure:	NA

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-10.00	01/16/2024:12:05:05	1000	-7.72	1467	1.66	7.35	272	
-20.10	01/16/2024:12:40:42	1000	-7.78	1223	1.06	6.98	37	
-30.10	01/16/2024:13:27:17	1000	-8.08	1580	0.89	7.23	20	
-40.10	01/16/2024:14:25:54	1000	-7.51	1443	2.13	7.42	43	
-50.10	01/16/2024:15:06:14	1000	-8.21	2360	1.01	7.54	41	

GROUNDWATER PROFILE LOG

Client: HRP

Profile Location: SB-WL-9

CASCADE DRILLING | TECHNICAL SERVICES

	Started	Completed					
Dates:	1/15/2024	1/15/2024	KPRO Box Serial # / Acquisition Laptop:	481PS8	Gas Drive or Peri Pump:	Peri :Pump
Location:	Brooklyn, NY		Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	40.36
CTS #:	203-23-1228		Drilling Contractor:	Cascade	KPRO N_2 Pressure (set via P transducer):	69.53
Sampler(s):	JE		Average Depth to Water:	-8.98	Gas Drive Pump N_2 Pressure:	NA

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-10.00	01/15/2024:10:44:18	1000	-8.82	1570	2.62	6.81	158	
-20.10	01/15/2024:11:30:56	1000	-8.50	1049	1.51	6.95	22	
-30.30	01/15/2024:12:11:26	1000	-9.30	1341	1.12	6.95	20	
-40.10	01/15/2024:13:00:20	1000	-8.70	1392	1.68	7.07	90	
-50.10	01/15/2024:13:45:22	1000	-9.56	1670	1.14	7.28	23	

GROUNDWATER PROFILE LOG

Client: HRP

Profile Location: SB-WL-10

CASCADE DRILLING | TECHNICAL SERVICES

	Started	Completed					
Dates:	1/17/2024	1/17/2024	KPRO Box Serial # / Acquisition Laptop:	481PS8	Gas Drive or Peri Pump:	Peri Pump
Location:	Brooklyn, NY		Sonde Serial #:	ZCRQT7063	Atmospheric Pressure:	40.17
CTS #:	203-23-1228		Drilling Contractor:	Cascde	KPRO N_2 Pressure (set via P transducer):	69.23
Sampler(s):	JE		Average Depth to Water:	-7.24	Gas Drive Pump N_2 Pressure:	NA

PHYSICOCHEMICAL PARAMETERS

Depth (ft)	Date / Time	Volume Purged (mL)	Head (ft)	SC (uS/cm)	DO (PPM)	pH	ORP (mV)	COMMENTS
-10.20	01/17/2024:10:37:21	800	-6.38	899	3.54	7.14	-51	
-20.30	01/17/2024:11:12:52	900	-6.87	1640	1.70	7.13	14	
-30.30	01/17/2024:11:56:18	800	-7.59	1660	1.61	7.18	41	
-40.30	01/17/2024:14:04:02	1000	-7.55	2100	1.75	7.28	87	
-50.30	01/17/2024:14:44:32	1000	-7.82	2410	1.73	7.43	52	

ATTACHMENT D
Laboratory Analytical Reports

con-test®
A Pace Analytical® Laboratory

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

January 17, 2024

Marnie Chancey
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: 473 President St, Brooklyn, NY
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 24A1385

Enclosed are results of analyses for samples as received by the laboratory on January 15, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

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

NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Marnie Chancey

REPORT DATE: 1/17/2024

PURCHASE ORDER NUMBER: 145808

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24A1385

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 473 President St, Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SB-WL-8_0.5 FT BG	24A1385-01	Soil		SM 2540G	
				SW-846 8260D	
SB-WL-8_1.0 FT BG	24A1385-02	Soil		SM 2540G	
				SW-846 8260D	
SB-WL-8_1.5 FT BG	24A1385-03	Soil		-	
SB-WL-8_2.0 FT BG	24A1385-04	Soil		SM 2540G	
				SW-846 8260D	
SB-WL-8_2.5 FT BG	24A1385-05	Soil		-	
SB-WL-8_3.0 FT BG	24A1385-06	Soil		SM 2540G	
				SW-846 8260D	
SB-WL-8_3.5 FT BG	24A1385-07	Soil		-	
SB-WL-8_4.0 FT BG	24A1385-08	Soil		SM 2540G	
				SW-846 8260D	
SB-WL-8_4.5 FT BG	24A1385-09	Soil		-	
SB-WL-8_5.0 FT BG	24A1385-10	Soil		SM 2540G	
				SW-846 8260D	
DUP-1	24A1385-11	Soil		SM 2540G	
				SW-846 8260D	

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

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED 1/17/24: Report revised to correct sample IDs per client email request.

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

SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Bromomethane

B363446-BS1, B363446-BSD1

MS-07A

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Chloromethane

24A1385-10[SB-WL-8_5.0 FT BG], B363446-MS1, B363446-MSD1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

Acetone

B363446-MS1

Carbon Disulfide

B363446-MSD1

Cyclohexane

B363446-MSD1

Vinyl Chloride

B363446-MSD1

PR-03

Sample preserved in the laboratory, not in the field as required by the method.

Analyte & Samples(s) Qualified:

24A1385-01[SB-WL-8_0.5 FT BG], 24A1385-02[SB-WL-8_1.0 FT BG], 24A1385-04[SB-WL-8_2.0 FT BG], 24A1385-06[SB-WL-8_3.0 FT BG], 24A1385-08[SB-WL-8_4.0 FT BG], 24A1385-10[SB-WL-8_5.0 FT BG], 24A1385-11[DUP-1]

PR-15

According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.

Analyte & Samples(s) Qualified:

24A1385-01[SB-WL-8_0.5 FT BG], 24A1385-02[SB-WL-8_1.0 FT BG], 24A1385-04[SB-WL-8_2.0 FT BG], 24A1385-06[SB-WL-8_3.0 FT BG], 24A1385-08[SB-WL-8_4.0 FT BG], 24A1385-10[SB-WL-8_5.0 FT BG], 24A1385-11[DUP-1]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP)

24A1385-01[SB-WL-8_0.5 FT BG], 24A1385-02[SB-WL-8_1.0 FT BG], 24A1385-04[SB-WL-8_2.0 FT BG], 24A1385-06[SB-WL-8_3.0 FT BG], 24A1385-08[SB-WL-8_4.0 FT BG], 24A1385-10[SB-WL-8_5.0 FT BG], 24A1385-11[DUP-1], B363446-BLK1, B363446-BS1, B363446-BSD1, B363446-MS1, B363446-MSD1, S099229-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

B363446-BS1, B363446-BSD1, B363446-MS1, B363446-MSD1, S099229-CCV1

Dichlorodifluoromethane (Freon 12)

B363446-BS1, B363446-BSD1, B363446-MS1, B363446-MSD1, S099229-CCV1

Tetrachloroethylene

B363446-BS1, B363446-BSD1, B363446-MS1, B363446-MSD1, S099229-CCV1

Trichlorofluoromethane (Freon 11)

B363446-BS1, B363446-BSD1, B363446-MS1, B363446-MSD1, S099229-CCV1

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V-36

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Acetone

B363446-BS1, B363446-BSD1, B363446-MS1, B363446-MSD1, S099229-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Raymond J. McCarthy
Project Manager

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_0.5 FT BG Sampled: 1/12/2024 10:15

Sample ID: 24A1385-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.038	0.11	0.010	mg/Kg dry	1	J	SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Benzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Bromochloromethane	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Bromodichloromethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Bromoform	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
2-Butanone (MEK)	ND	0.045	0.0070	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Carbon Disulfide	ND	0.011	0.0089	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Carbon Tetrachloride	ND	0.0022	0.00088	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Chlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Chlorodibromomethane	ND	0.0011	0.00071	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Chloroform	0.0017	0.0045	0.00070	mg/Kg dry	1	J	SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Cyclohexane	ND	0.011	0.0045	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00088	mg/Kg dry	1	V-05	SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00085	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,1-Dichloroethane	ND	0.0022	0.00077	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,2-Dichloroethane	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,1-Dichloroethylene	ND	0.0045	0.00092	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
cis-1,2-Dichloroethylene	ND	0.0022	0.00071	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00081	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,2-Dichloropropane	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00063	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,4-Dioxane	ND	0.11	0.051	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Ethylbenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
2-Hexanone (MBK)	ND	0.022	0.0056	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Methyl Acetate	ND	0.0022	0.0016	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	0.00075	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Methyl Cyclohexane	ND	0.0045	0.00087	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Methylene Chloride	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0049	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Styrene	ND	0.0022	0.00055	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00061	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Tetrachloroethylene	ND	0.0022	0.00094	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Toluene	0.0035	0.0022	0.00076	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_0.5 FT BG Sampled: 1/12/2024 10:15

Sample ID: 24A1385-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Trichloroethylene	0.0016	0.0022	0.00090	mg/Kg dry	1	J	SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00083	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00096	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Vinyl Chloride	ND	0.011	0.00082	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF
Xylenes (total)	ND	0.0022	0.0022	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.1	70-130		1/16/24 7:51
Toluene-d8	93.1	70-130		1/16/24 7:51
4-Bromofluorobenzene	99.7	70-130		1/16/24 7:51

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_0.5 FT BG Sampled: 1/12/2024 10:15

Sample ID: 24A1385-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.6		% Wt	1		SM 2540G	1/15/24	1/15/24 11:43	DV

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_1.0 FT BG Sampled: 1/12/2024 10:20

Sample ID: 24A1385-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.020	0.10	0.0094	mg/Kg dry	1	J	SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Benzene	ND	0.0021	0.00061	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Bromochloromethane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Bromodichloromethane	ND	0.0021	0.00054	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Bromoform	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Bromomethane	ND	0.010	0.0018	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
2-Butanone (MEK)	ND	0.042	0.0065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Carbon Disulfide	ND	0.010	0.0084	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Carbon Tetrachloride	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Chlorobenzene	ND	0.0021	0.00058	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Chlorodibromomethane	ND	0.0010	0.00066	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Chloroethane	ND	0.021	0.0012	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Chloroform	0.0038	0.0042	0.00065	mg/Kg dry	1	J	SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Chloromethane	ND	0.010	0.0010	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Cyclohexane	ND	0.010	0.0042	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	0.00083	mg/Kg dry	1	V-05	SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00080	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,2-Dichlorobenzene	ND	0.0021	0.00055	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,3-Dichlorobenzene	ND	0.0021	0.00058	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,4-Dichlorobenzene	ND	0.0021	0.00063	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,1-Dichloroethane	ND	0.0021	0.00071	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,2-Dichloroethane	ND	0.0021	0.00070	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,1-Dichloroethylene	ND	0.0042	0.00086	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
cis-1,2-Dichloroethylene	ND	0.0021	0.00066	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
trans-1,2-Dichloroethylene	ND	0.0021	0.00076	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,2-Dichloropropane	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00058	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,4-Dioxane	ND	0.10	0.047	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Ethylbenzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
2-Hexanone (MBK)	ND	0.021	0.0052	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Isopropylbenzene (Cumene)	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Methyl Acetate	ND	0.0021	0.0015	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	0.00070	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Methyl Cyclohexane	ND	0.0042	0.00081	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Methylene Chloride	ND	0.021	0.0010	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	0.0046	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Styrene	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00057	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Tetrachloroethylene	ND	0.0021	0.00088	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Toluene	ND	0.0021	0.00071	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,2,3-Trichlorobenzene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,2,4-Trichlorobenzene	ND	0.0021	0.00063	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_1.0 FT BG | Sampled: 1/12/2024 10:20

Sample ID: 24A1385-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.0021	0.00080	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,1,2-Trichloroethane	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Trichloroethylene	0.0031	0.0021	0.00084	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.00078	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.00090	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Vinyl Chloride	ND	0.010	0.00077	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF
Xylenes (total)	ND	0.0021	0.0021	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:19	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	88.1	70-130		1/16/24 9:19
Toluene-d8	93.6	70-130		1/16/24 9:19
4-Bromofluorobenzene	98.5	70-130		1/16/24 9:19

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_1.0 FT BG Sampled: 1/12/2024 10:20

Sample ID: 24A1385-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.5		% Wt	1		SM 2540G	1/15/24	1/15/24 11:43	DV

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_2.0 FT BG Sampled: 1/12/2024 10:30

Sample ID: 24A1385-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.010	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Benzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Bromochloromethane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Bromodichloromethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Bromoform	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
2-Butanone (MEK)	ND	0.046	0.0072	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Carbon Disulfide	ND	0.012	0.0093	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Carbon Tetrachloride	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Chlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Chlorodibromomethane	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Chloroethane	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Chloroform	ND	0.0046	0.00073	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Chloromethane	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Cyclohexane	ND	0.012	0.0047	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00092	mg/Kg dry	1	V-05	SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00089	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,1-Dichloroethane	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,2-Dichloroethane	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,1-Dichloroethylene	ND	0.0046	0.00095	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00084	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,2-Dichloropropane	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00071	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,4-Dioxane	ND	0.12	0.053	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Ethylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
2-Hexanone (MBK)	ND	0.023	0.0058	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Methyl Acetate	ND	0.0023	0.0017	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00078	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Methyl Cyclohexane	ND	0.0046	0.00090	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0051	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Styrene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Tetrachloroethylene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Toluene	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_2.0 FT BG Sampled: 1/12/2024 10:30

Sample ID: 24A1385-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Trichloroethylene	0.0011	0.0023	0.00093	mg/Kg dry	1	J	SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Vinyl Chloride	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF
Xylenes (total)	ND	0.0023	0.0023	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 9:45	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	83.9	70-130		1/16/24	9:45
Toluene-d8	97.3	70-130		1/16/24	9:45
4-Bromofluorobenzene	96.3	70-130		1/16/24	9:45

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_2.0 FT BG Sampled: 1/12/2024 10:30

Sample ID: 24A1385-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.7		% Wt	1		SM 2540G	1/15/24	1/15/24 11:43	DV

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_3.0 FT BG Sampled: 1/12/2024 10:40

Sample ID: 24A1385-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	0.0093	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Benzene	ND	0.0020	0.00060	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Bromochloromethane	ND	0.0020	0.00080	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Bromodichloromethane	ND	0.0020	0.00053	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Bromoform	ND	0.0020	0.00063	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Bromomethane	ND	0.010	0.0018	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
2-Butanone (MEK)	ND	0.041	0.0064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Carbon Disulfide	ND	0.010	0.0082	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Carbon Tetrachloride	ND	0.0020	0.00081	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Chlorobenzene	ND	0.0020	0.00057	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Chlorodibromomethane	ND	0.0010	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Chloroethane	ND	0.020	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Chloroform	ND	0.0041	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Chloromethane	ND	0.010	0.0010	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Cyclohexane	ND	0.010	0.0042	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.00081	mg/Kg dry	1	V-05	SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00078	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00054	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00057	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00062	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,1-Dichloroethane	ND	0.0020	0.00070	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,2-Dichloroethane	ND	0.0020	0.00068	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,1-Dichloroethylene	ND	0.0041	0.00084	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
cis-1,2-Dichloroethylene	ND	0.0020	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00075	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,2-Dichloropropane	ND	0.0020	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00057	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00062	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,4-Dioxane	ND	0.10	0.047	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Ethylbenzene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
2-Hexanone (MBK)	ND	0.020	0.0051	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Methyl Acetate	ND	0.0020	0.0015	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	0.00069	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Methyl Cyclohexane	ND	0.0041	0.00080	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Methylene Chloride	ND	0.020	0.00098	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0045	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Styrene	ND	0.0020	0.00051	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00056	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Tetrachloroethylene	ND	0.0020	0.00086	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Toluene	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.00058	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00062	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_3.0 FT BG Sampled: 1/12/2024 10:40

Sample ID: 24A1385-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.0020	0.00078	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00055	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Trichloroethylene	0.0011	0.0020	0.00082	mg/Kg dry	1	J	SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.00076	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.00088	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Vinyl Chloride	ND	0.010	0.00076	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF
Xylenes (total)	ND	0.0020	0.0020	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:10	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	85.6	70-130		1/16/24 10:10
Toluene-d8	92.6	70-130		1/16/24 10:10
4-Bromofluorobenzene	96.0	70-130		1/16/24 10:10

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_3.0 FT BG Sampled: 1/12/2024 10:40

Sample ID: 24A1385-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.5		% Wt	1		SM 2540G	1/15/24	1/15/24 11:43	DV

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_4.0 FT BG Sampled: 1/12/2024 10:50

Sample ID: 24A1385-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0095	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Benzene	ND	0.0021	0.00061	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Bromochloromethane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Bromodichloromethane	ND	0.0021	0.00055	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Bromoform	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Bromomethane	ND	0.011	0.0018	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
2-Butanone (MEK)	ND	0.042	0.0066	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Carbon Disulfide	ND	0.011	0.0084	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Carbon Tetrachloride	ND	0.0021	0.00083	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Chlorobenzene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Chlorodibromomethane	ND	0.0011	0.00067	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Chloroethane	ND	0.021	0.0012	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Chloroform	ND	0.0042	0.00066	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Chloromethane	ND	0.011	0.0010	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Cyclohexane	ND	0.011	0.0043	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	0.00083	mg/Kg dry	1	V-05	SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00081	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,2-Dichlorobenzene	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,3-Dichlorobenzene	ND	0.0021	0.00058	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,4-Dichlorobenzene	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,1-Dichloroethane	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,2-Dichloroethane	ND	0.0021	0.00070	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,1-Dichloroethylene	ND	0.0042	0.00086	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
cis-1,2-Dichloroethylene	ND	0.0021	0.00067	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
trans-1,2-Dichloroethylene	ND	0.0021	0.00077	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,2-Dichloropropane	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00059	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,4-Dioxane	ND	0.11	0.048	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Ethylbenzene	ND	0.0021	0.00063	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
2-Hexanone (MBK)	ND	0.021	0.0053	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Isopropylbenzene (Cumene)	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Methyl Acetate	ND	0.0021	0.0015	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	0.00071	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Methyl Cyclohexane	ND	0.0042	0.00082	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Methylene Chloride	ND	0.021	0.0010	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	0.0047	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Styrene	ND	0.0021	0.00052	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00058	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Tetrachloroethylene	ND	0.0021	0.00089	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Toluene	ND	0.0021	0.00071	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,2,3-Trichlorobenzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,2,4-Trichlorobenzene	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_4.0 FT BG | Sampled: 1/12/2024 10:50

Sample ID: 24A1385-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.0021	0.00081	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,1,2-Trichloroethane	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Trichloroethylene	0.00099	0.0021	0.00085	mg/Kg dry	1	J	SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00079	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00091	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Vinyl Chloride	ND	0.011	0.00078	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF
Xylenes (total)	ND	0.0021	0.0021	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 10:36	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	85.8	70-130		1/16/24 10:36
Toluene-d8	92.2	70-130		1/16/24 10:36
4-Bromofluorobenzene	99.1	70-130		1/16/24 10:36

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_4.0 FT BG Sampled: 1/12/2024 10:50

Sample ID: 24A1385-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1		SM 2540G	1/15/24	1/15/24 11:43	DV

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Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_5.0 FT BG Sampled: 1/12/2024 11:00

Sample ID: 24A1385-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.010	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Benzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Bromochloromethane	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Bromodichloromethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Bromoform	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
2-Butanone (MEK)	ND	0.044	0.0069	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Carbon Disulfide	ND	0.011	0.0089	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Carbon Tetrachloride	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Chlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Chlorodibromomethane	ND	0.0011	0.00070	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Chloroform	ND	0.0044	0.00069	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1	MS-07A	SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Cyclohexane	ND	0.011	0.0045	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00088	mg/Kg dry	1	V-05	SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00085	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,1-Dichloroethane	ND	0.0022	0.00076	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,2-Dichloroethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,1-Dichloroethylene	ND	0.0044	0.00091	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
cis-1,2-Dichloroethylene	ND	0.0022	0.00071	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00081	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,2-Dichloropropane	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,4-Dioxane	ND	0.11	0.051	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Ethylbenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
2-Hexanone (MBK)	ND	0.022	0.0056	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Methyl Acetate	ND	0.0022	0.0016	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	0.00075	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Methyl Cyclohexane	ND	0.0044	0.00086	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Methylene Chloride	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0049	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Styrene	ND	0.0022	0.00055	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00061	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Tetrachloroethylene	ND	0.0022	0.00093	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Toluene	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_5.0 FT BG Sampled: 1/12/2024 11:00

Sample ID: 24A1385-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Trichloroethylene	0.0011	0.0022	0.00089	mg/Kg dry	1	J	SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00083	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00095	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Vinyl Chloride	ND	0.011	0.00082	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF
Xylenes (total)	ND	0.0022	0.0022	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 7:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	87.4	70-130		1/16/24 7:25
Toluene-d8	92.0	70-130		1/16/24 7:25
4-Bromofluorobenzene	97.5	70-130		1/16/24 7:25

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: SB-WL-8_5.0 FT BG Sampled: 1/12/2024 11:00

Sample ID: 24A1385-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.7		% Wt	1		SM 2540G	1/15/24	1/15/24 11:43	DV

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: DUP-1 | Sampled: 1/12/2024 00:00

Sample ID: 24A1385-11

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0096	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Benzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Bromochloromethane	ND	0.0021	0.00083	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Bromodichloromethane	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Bromoform	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Bromomethane	ND	0.011	0.0018	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
2-Butanone (MEK)	ND	0.043	0.0067	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Carbon Disulfide	ND	0.011	0.0085	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Carbon Tetrachloride	ND	0.0021	0.00084	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Chlorobenzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Chlorodibromomethane	ND	0.0011	0.00067	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Chloroethane	ND	0.021	0.0012	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Chloroform	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Cyclohexane	ND	0.011	0.0043	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	0.00084	mg/Kg dry	1	V-05	SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00081	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,2-Dichlorobenzene	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,3-Dichlorobenzene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,4-Dichlorobenzene	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	0.0011	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,1-Dichloroethane	ND	0.0021	0.00073	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,2-Dichloroethane	ND	0.0021	0.00071	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,1-Dichloroethylene	ND	0.0043	0.00087	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
cis-1,2-Dichloroethylene	ND	0.0021	0.00068	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
trans-1,2-Dichloroethylene	ND	0.0021	0.00078	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,2-Dichloropropane	ND	0.0021	0.00066	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00060	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,4-Dioxane	ND	0.11	0.049	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Ethylbenzene	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
2-Hexanone (MBK)	ND	0.021	0.0053	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Isopropylbenzene (Cumene)	ND	0.0021	0.00066	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Methyl Acetate	ND	0.0021	0.0015	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	0.00072	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Methyl Cyclohexane	ND	0.0043	0.00083	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Methylene Chloride	ND	0.021	0.0010	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	0.0047	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Styrene	ND	0.0021	0.00053	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00059	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Tetrachloroethylene	ND	0.0021	0.00090	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Toluene	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,2,3-Trichlorobenzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,2,4-Trichlorobenzene	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: DUP-1 | Sampled: 1/12/2024 00:00

Sample ID: 24A1385-11

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	0.0021	0.00081	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,1,2-Trichloroethane	ND	0.0021	0.00057	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Trichloroethylene	0.00092	0.0021	0.00086	mg/Kg dry	1	J	SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00079	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00092	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Vinyl Chloride	ND	0.011	0.00079	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF
Xylenes (total)	ND	0.0021	0.0021	mg/Kg dry	1		SW-846 8260D	1/16/24	1/16/24 11:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	84.6	70-130		1/16/24 11:01
Toluene-d8	96.7	70-130		1/16/24 11:01
4-Bromofluorobenzene	97.5	70-130		1/16/24 11:01

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1385

Date Received: 1/15/2024

Field Sample #: DUP-1 | Sampled: 1/12/2024 00:00

Sample ID: 24A1385-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1		SM 2540G	1/15/24	1/15/24 11:43	DV

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Sample Extraction Data

Prep Method:% Solids **Analytical Method:SM 2540G**

Lab Number [Field ID]	Batch	Date
24A1385-01 [SB-WL-8_0.5 FT BG]	B363348	01/15/24
24A1385-02 [SB-WL-8_1.0 FT BG]	B363348	01/15/24
24A1385-04 [SB-WL-8_2.0 FT BG]	B363348	01/15/24
24A1385-06 [SB-WL-8_3.0 FT BG]	B363348	01/15/24
24A1385-08 [SB-WL-8_4.0 FT BG]	B363348	01/15/24
24A1385-10 [SB-WL-8_5.0 FT BG]	B363348	01/15/24
24A1385-11 [DUP-1]	B363348	01/15/24

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
24A1385-01 [SB-WL-8_0.5 FT BG]	B363446	5.00	10.0	01/16/24
24A1385-02 [SB-WL-8_1.0 FT BG]	B363446	5.30	10.0	01/16/24
24A1385-04 [SB-WL-8_2.0 FT BG]	B363446	5.10	10.0	01/16/24
24A1385-06 [SB-WL-8_3.0 FT BG]	B363446	5.71	10.0	01/16/24
24A1385-08 [SB-WL-8_4.0 FT BG]	B363446	5.53	10.0	01/16/24
24A1385-10 [SB-WL-8_5.0 FT BG]	B363446	5.20	10.0	01/16/24
24A1385-11 [DUP-1]	B363446	5.38	10.0	01/16/24

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B363446 - SW-846 5035										
Blank (B363446-BLK1)				Prepared & Analyzed: 01/16/24						
Acetone	ND	0.10	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
Carbon Disulfide	ND	0.010	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
Cyclohexane	ND	0.010	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-05
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methyl Cyclohexane	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B363446 - SW-846 5035												
Blank (B363446-BLK1)				Prepared & Analyzed: 01/16/24								
o-Xylene	ND	0.0020	mg/Kg wet									
Xylenes (total)	ND	0.0020	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0436*		mg/Kg wet	0.0500		87.2		70-130				
Surrogate: Toluene-d8	*0.0465*		mg/Kg wet	0.0500		93.1		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0485*		mg/Kg wet	0.0500		97.0		70-130				
LCS (B363446-BS1)				Prepared & Analyzed: 01/16/24								
Acetone	0.183	0.10	mg/Kg wet	0.200		91.3		70-160			V-36	†
Benzene	0.0182	0.0020	mg/Kg wet	0.0200		91.2		70-130				
Bromochloromethane	0.0205	0.0020	mg/Kg wet	0.0200		103		70-130				
Bromodichloromethane	0.0195	0.0020	mg/Kg wet	0.0200		97.6		70-130				
Bromoform	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130				
Bromomethane	0.0377	0.010	mg/Kg wet	0.0200		**188**	*	40-130			L-02, V-20	†
2-Butanone (MEK)	0.174	0.040	mg/Kg wet	0.200		87.0		70-160				†
Carbon Disulfide	0.170	0.010	mg/Kg wet	0.200		85.0		70-130				
Carbon Tetrachloride	0.0186	0.0020	mg/Kg wet	0.0200		93.2		70-130				
Chlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
Chlorodibromomethane	0.0223	0.0010	mg/Kg wet	0.0200		112		70-130				
Chloroethane	0.0227	0.020	mg/Kg wet	0.0200		113		70-130				
Chloroform	0.0197	0.0040	mg/Kg wet	0.0200		98.5		70-130				
Chloromethane	0.0206	0.010	mg/Kg wet	0.0200		103		70-130				
Cyclohexane	0.0156	0.010	mg/Kg wet	0.0200		78.2		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0165	0.0020	mg/Kg wet	0.0200		82.4		70-130			V-05	
1,2-Dibromoethane (EDB)	0.0217	0.0010	mg/Kg wet	0.0200		109		70-130				
1,2-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
1,3-Dichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.4		70-130				
1,4-Dichlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130				
Dichlorodifluoromethane (Freon 12)	0.0230	0.020	mg/Kg wet	0.0200		115		40-160			V-20	†
1,1-Dichloroethane	0.0185	0.0020	mg/Kg wet	0.0200		92.6		70-130				
1,2-Dichloroethane	0.0205	0.0020	mg/Kg wet	0.0200		103		70-130				
1,1-Dichloroethylene	0.0200	0.0040	mg/Kg wet	0.0200		100		70-130				
cis-1,2-Dichloroethylene	0.0191	0.0020	mg/Kg wet	0.0200		95.7		70-130				
trans-1,2-Dichloroethylene	0.0186	0.0020	mg/Kg wet	0.0200		93.2		70-130				
1,2-Dichloropropane	0.0193	0.0020	mg/Kg wet	0.0200		96.7		70-130				
cis-1,3-Dichloropropene	0.0185	0.0010	mg/Kg wet	0.0200		92.7		70-130				
trans-1,3-Dichloropropene	0.0185	0.0010	mg/Kg wet	0.0200		92.7		70-130				
1,4-Dioxane	0.223	0.10	mg/Kg wet	0.200		112		40-160				†
Ethylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130				
2-Hexanone (MBK)	0.189	0.020	mg/Kg wet	0.200		94.6		70-160				†
Isopropylbenzene (Cumene)	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
Methyl Acetate	0.0196	0.0020	mg/Kg wet	0.0200		97.9		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0179	0.0040	mg/Kg wet	0.0200		89.5		70-130				
Methyl Cyclohexane	0.0176	0.0040	mg/Kg wet	0.0200		88.2		70-130				
Methylene Chloride	0.0181	0.020	mg/Kg wet	0.0200		90.6		40-160			J	†
4-Methyl-2-pentanone (MIBK)	0.194	0.020	mg/Kg wet	0.200		96.9		70-160				†
Styrene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130				
1,1,2,2-Tetrachloroethane	0.0207	0.0010	mg/Kg wet	0.0200		103		70-130				
Tetrachloroethylene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130			V-20	
Toluene	0.0219	0.0020	mg/Kg wet	0.0200		109		70-130				
1,2,3-Trichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
1,2,4-Trichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9		70-130				
1,1,1-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.6		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B363446 - SW-846 5035												
LCS (B363446-BS1)				Prepared & Analyzed: 01/16/24								
1,1,2-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130				
Trichloroethylene	0.0198	0.0020	mg/Kg wet	0.0200		99.2		70-130				
Trichlorofluoromethane (Freon 11)	0.0232	0.010	mg/Kg wet	0.0200		116		70-130			V-20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0217	0.010	mg/Kg wet	0.0200		108		70-130				
Vinyl Chloride	0.0186	0.010	mg/Kg wet	0.0200		92.8		40-130				†
m+p Xylene	0.0436	0.0040	mg/Kg wet	0.0400		109		70-130				
o-Xylene	0.0211	0.0020	mg/Kg wet	0.0200		105		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0435*		mg/Kg wet	0.0500		87.0		70-130				
Surrogate: Toluene-d8	*0.0497*		mg/Kg wet	0.0500		99.4		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0484*		mg/Kg wet	0.0500		96.8		70-130				
LCS Dup (B363446-BSD1)				Prepared & Analyzed: 01/16/24								
Acetone	0.176	0.10	mg/Kg wet	0.200		88.2		70-160	3.39	25	V-36	†
Benzene	0.0174	0.0020	mg/Kg wet	0.0200		86.9		70-130	4.83	25		
Bromochloromethane	0.0192	0.0020	mg/Kg wet	0.0200		96.1		70-130	6.64	25		
Bromodichloromethane	0.0191	0.0020	mg/Kg wet	0.0200		95.7		70-130	1.97	25		
Bromoform	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	0.923	25		
Bromomethane	0.0349	0.010	mg/Kg wet	0.0200		**175**	*	40-130	7.60	25	L-02, V-20	†
2-Butanone (MEK)	0.168	0.040	mg/Kg wet	0.200		83.9		70-160	3.66	25		†
Carbon Disulfide	0.161	0.010	mg/Kg wet	0.200		80.4		70-130	5.47	25		
Carbon Tetrachloride	0.0174	0.0020	mg/Kg wet	0.0200		87.1		70-130	6.77	25		
Chlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	1.18	25		
Chlorodibromomethane	0.0217	0.0010	mg/Kg wet	0.0200		109		70-130	2.64	25		
Chloroethane	0.0213	0.020	mg/Kg wet	0.0200		106		70-130	6.46	25		
Chloroform	0.0187	0.0040	mg/Kg wet	0.0200		93.3		70-130	5.42	25		
Chloromethane	0.0184	0.010	mg/Kg wet	0.0200		91.9		70-130	11.3	25		
Cyclohexane	0.0149	0.010	mg/Kg wet	0.0200		74.7		70-130	4.58	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0163	0.0020	mg/Kg wet	0.0200		81.6		70-130	0.976	25	V-05	
1,2-Dibromoethane (EDB)	0.0215	0.0010	mg/Kg wet	0.0200		108		70-130	1.11	25		
1,2-Dichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130	0.196	25		
1,3-Dichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2		70-130	0.203	25		
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.8		70-130	0.798	25		
Dichlorodifluoromethane (Freon 12)	0.0213	0.020	mg/Kg wet	0.0200		107		40-160	7.41	25	V-20	†
1,1-Dichloroethane	0.0177	0.0020	mg/Kg wet	0.0200		88.5		70-130	4.53	25		
1,2-Dichloroethane	0.0198	0.0020	mg/Kg wet	0.0200		98.9		70-130	3.67	25		
1,1-Dichloroethylene	0.0191	0.0040	mg/Kg wet	0.0200		95.5		70-130	4.80	25		
cis-1,2-Dichloroethylene	0.0181	0.0020	mg/Kg wet	0.0200		90.3		70-130	5.81	25		
trans-1,2-Dichloroethylene	0.0178	0.0020	mg/Kg wet	0.0200		89.2		70-130	4.39	25		
1,2-Dichloropropane	0.0186	0.0020	mg/Kg wet	0.0200		93.0		70-130	3.90	25		
cis-1,3-Dichloropropene	0.0182	0.0010	mg/Kg wet	0.0200		91.1		70-130	1.74	25		
trans-1,3-Dichloropropene	0.0184	0.0010	mg/Kg wet	0.0200		92.1		70-130	0.649	25		
1,4-Dioxane	0.201	0.10	mg/Kg wet	0.200		100		40-160	10.5	50		† ‡
Ethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		101		70-130	1.57	25		
2-Hexanone (MBK)	0.185	0.020	mg/Kg wet	0.200		92.4		70-160	2.35	25		†
Isopropylbenzene (Cumene)	0.0219	0.0020	mg/Kg wet	0.0200		109		70-130	0.365	25		
Methyl Acetate	0.0191	0.0020	mg/Kg wet	0.0200		95.6		70-130	2.38	25		
Methyl tert-Butyl Ether (MTBE)	0.0178	0.0040	mg/Kg wet	0.0200		89.1		70-130	0.448	25		
Methyl Cyclohexane	0.0170	0.0040	mg/Kg wet	0.0200		84.8		70-130	3.93	25		
Methylene Chloride	0.0174	0.020	mg/Kg wet	0.0200		87.1		40-160	3.94	25	J	†
4-Methyl-2-pentanone (MIBK)	0.190	0.020	mg/Kg wet	0.200		95.1		70-160	1.89	25		†
Styrene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	0.370	25		
1,1,2,2-Tetrachloroethane	0.0211	0.0010	mg/Kg wet	0.0200		105		70-130	1.92	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B363446 - SW-846 5035											
LCS Dup (B363446-BSD1)				Prepared & Analyzed: 01/16/24							
Tetrachloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	5.89	25	V-20
Toluene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130	3.53	25	
1,2,3-Trichlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	0.497	25	
1,2,4-Trichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		97.9		70-130	1.03	25	
1,1,1-Trichloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.4		70-130	5.42	25	
1,1,2-Trichloroethane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	4.23	25	
Trichloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.3		70-130	1.93	25	
Trichlorofluoromethane (Freon 11)	0.0217	0.010	mg/Kg wet	0.0200		109		70-130	6.76	25	V-20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0201	0.010	mg/Kg wet	0.0200		101		70-130	7.36	25	
Vinyl Chloride	0.0168	0.010	mg/Kg wet	0.0200		84.2		40-130	9.72	25	†
m+p Xylene	0.0434	0.0040	mg/Kg wet	0.0400		108		70-130	0.506	25	
o-Xylene	0.0209	0.0020	mg/Kg wet	0.0200		105		70-130	0.571	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0425*		mg/Kg wet	0.0500		85.1		70-130			
Surrogate: Toluene-d8	*0.0493*		mg/Kg wet	0.0500		98.5		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0489*		mg/Kg wet	0.0500		97.8		70-130			
Matrix Spike (B363446-MS1)	**Source: 24A1385-10**			Prepared & Analyzed: 01/16/24							
Acetone	0.274	0.099	mg/Kg dry	0.197	ND	**139**	*	70-130			MS-24, V-36
Benzene	0.0178	0.0020	mg/Kg dry	0.0197	ND	90.3		70-130			
Bromochloromethane	0.0193	0.0020	mg/Kg dry	0.0197	ND	98.0		70-130			
Bromodichloromethane	0.0198	0.0020	mg/Kg dry	0.0197	ND	100		70-130			
Bromoform	0.0222	0.0020	mg/Kg dry	0.0197	ND	112		70-130			
Bromomethane	0.0162	0.0099	mg/Kg dry	0.0197	ND	82.1		70-130			V-20
2-Butanone (MEK)	0.190	0.039	mg/Kg dry	0.197	ND	96.5		70-130			
Carbon Disulfide	0.0143	0.0099	mg/Kg dry	0.0197	ND	72.5		70-130			
Carbon Tetrachloride	0.0191	0.0020	mg/Kg dry	0.0197	ND	96.8		70-130			
Chlorobenzene	0.0210	0.0020	mg/Kg dry	0.0197	ND	106		70-130			
Chlorodibromomethane	0.0219	0.00099	mg/Kg dry	0.0197	ND	111		70-130			
Chloroethane	0.0176	0.020	mg/Kg dry	0.0197	ND	89.4		70-130			J
Chloroform	0.0197	0.0039	mg/Kg dry	0.0197	ND	100		70-130			
Chloromethane	0.0134	0.0099	mg/Kg dry	0.0197	ND	**67.9**	*	70-130			MS-07A
Cyclohexane	0.0147	0.0099	mg/Kg dry	0.0197	ND	74.5		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0153	0.0020	mg/Kg dry	0.0197	ND	77.8		70-130			V-05
1,2-Dibromoethane (EDB)	0.0213	0.00099	mg/Kg dry	0.0197	ND	108		70-130			
1,2-Dichlorobenzene	0.0209	0.0020	mg/Kg dry	0.0197	ND	106		70-130			
1,3-Dichlorobenzene	0.0206	0.0020	mg/Kg dry	0.0197	ND	104		70-130			
1,4-Dichlorobenzene	0.0203	0.0020	mg/Kg dry	0.0197	ND	103		70-130			
Dichlorodifluoromethane (Freon 12)	0.0218	0.020	mg/Kg dry	0.0197	ND	111		70-130			V-20
1,1-Dichloroethane	0.0191	0.0020	mg/Kg dry	0.0197	ND	97.0		70-130			
1,2-Dichloroethane	0.0201	0.0020	mg/Kg dry	0.0197	ND	102		70-130			
1,1-Dichloroethylene	0.0203	0.0039	mg/Kg dry	0.0197	ND	103		70-130			
cis-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg dry	0.0197	ND	99.4		70-130			
trans-1,2-Dichloroethylene	0.0177	0.0020	mg/Kg dry	0.0197	ND	89.6		70-130			
1,2-Dichloropropane	0.0192	0.0020	mg/Kg dry	0.0197	ND	97.6		70-130			
cis-1,3-Dichloropropene	0.0175	0.00099	mg/Kg dry	0.0197	ND	88.6		70-130			
trans-1,3-Dichloropropene	0.0190	0.00099	mg/Kg dry	0.0197	ND	96.3		70-130			
1,4-Dioxane	0.178	0.099	mg/Kg dry	0.197	ND	90.1		70-130			
Ethylbenzene	0.0217	0.0020	mg/Kg dry	0.0197	ND	110		70-130			
2-Hexanone (MBK)	0.195	0.020	mg/Kg dry	0.197	ND	98.9		70-130			
Isopropylbenzene (Cumene)	0.0232	0.0020	mg/Kg dry	0.0197	ND	118		70-130			
Methyl Acetate	0.0225	0.0020	mg/Kg dry	0.0197	ND	114		70-130			
Methyl tert-Butyl Ether (MTBE)	0.0164	0.0039	mg/Kg dry	0.0197	ND	83.3		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B363446 - SW-846 5035											
Matrix Spike (B363446-MS1)		**Source: 24A1385-10**		Prepared & Analyzed: 01/16/24							
Methyl Cyclohexane	0.0174	0.0039	mg/Kg dry	0.0197	ND	88.4		70-130			
Methylene Chloride	0.0172	0.020	mg/Kg dry	0.0197	ND	87.0		70-130			J
4-Methyl-2-pentanone (MIBK)	0.191	0.020	mg/Kg dry	0.197	ND	96.8		70-130			
Styrene	0.0223	0.0020	mg/Kg dry	0.0197	ND	113		70-130			
1,1,2,2-Tetrachloroethane	0.0212	0.00099	mg/Kg dry	0.0197	ND	108		70-130			
Tetrachloroethylene	0.0256	0.0020	mg/Kg dry	0.0197	ND	130		70-130			V-20
Toluene	0.0225	0.0020	mg/Kg dry	0.0197	ND	114		70-130			
1,2,3-Trichlorobenzene	0.0202	0.0020	mg/Kg dry	0.0197	ND	103		70-130			
1,2,4-Trichlorobenzene	0.0200	0.0020	mg/Kg dry	0.0197	ND	101		70-130			
1,1,1-Trichloroethane	0.0212	0.0020	mg/Kg dry	0.0197	ND	107		70-130			
1,1,2-Trichloroethane	0.0220	0.0020	mg/Kg dry	0.0197	ND	112		70-130			
Trichloroethylene	0.0219	0.0020	mg/Kg dry	0.0197	0.00111	106		70-130			
Trichlorofluoromethane (Freon 11)	0.0230	0.0099	mg/Kg dry	0.0197	ND	117		70-130			V-20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0237	0.0099	mg/Kg dry	0.0197	ND	120		70-130			
Vinyl Chloride	0.0138	0.0099	mg/Kg dry	0.0197	ND	70.0		70-130			
m+p Xylene	0.0443	0.0039	mg/Kg dry	0.0394	ND	112		70-130			
o-Xylene	0.0217	0.0020	mg/Kg dry	0.0197	ND	110		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0447*		mg/Kg dry	0.0493		90.7		70-130			
Surrogate: Toluene-d8	*0.0503*		mg/Kg dry	0.0493		102		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0479*		mg/Kg dry	0.0493		97.2		70-130			
Matrix Spike Dup (B363446-MSD1)		**Source: 24A1385-10**		Prepared & Analyzed: 01/16/24							
Acetone	0.268	0.11	mg/Kg dry	0.212	ND	127		70-130	2.18	30	V-36
Benzene	0.0176	0.0021	mg/Kg dry	0.0212	ND	83.0		70-130	1.35	30	
Bromochloromethane	0.0187	0.0021	mg/Kg dry	0.0212	ND	88.2		70-130	3.45	30	
Bromodichloromethane	0.0192	0.0021	mg/Kg dry	0.0212	ND	90.6		70-130	2.99	30	
Bromoform	0.0227	0.0021	mg/Kg dry	0.0212	ND	107		70-130	2.44	30	
Bromomethane	0.0179	0.011	mg/Kg dry	0.0212	ND	84.8		70-130	10.3	30	V-20
2-Butanone (MEK)	0.191	0.042	mg/Kg dry	0.212	ND	90.1		70-130	0.222	30	
Carbon Disulfide	0.0143	0.011	mg/Kg dry	0.0212	ND	**67.7**	*	70-130	0.233	30	MS-24
Carbon Tetrachloride	0.0188	0.0021	mg/Kg dry	0.0212	ND	88.8		70-130	1.54	30	
Chlorobenzene	0.0211	0.0021	mg/Kg dry	0.0212	ND	99.8		70-130	0.585	30	
Chlorodibromomethane	0.0213	0.0011	mg/Kg dry	0.0212	ND	101		70-130	2.74	30	
Chloroethane	0.0174	0.021	mg/Kg dry	0.0212	ND	82.2		70-130	1.31	30	J
Chloroform	0.0193	0.0042	mg/Kg dry	0.0212	ND	91.0		70-130	2.35	30	
Chloromethane	0.0130	0.011	mg/Kg dry	0.0212	ND	**61.3**	*	70-130	3.14	30	MS-07A
Cyclohexane	0.0142	0.011	mg/Kg dry	0.0212	ND	**67.1**	*	70-130	3.38	30	MS-24
1,2-Dibromo-3-chloropropane (DBCP)	0.0157	0.0021	mg/Kg dry	0.0212	ND	74.0		70-130	2.07	30	V-05
1,2-Dibromoethane (EDB)	0.0208	0.0011	mg/Kg dry	0.0212	ND	98.4		70-130	2.23	30	
1,2-Dichlorobenzene	0.0211	0.0021	mg/Kg dry	0.0212	ND	99.6		70-130	0.666	30	
1,3-Dichlorobenzene	0.0206	0.0021	mg/Kg dry	0.0212	ND	97.5		70-130	0.245	30	
1,4-Dichlorobenzene	0.0206	0.0021	mg/Kg dry	0.0212	ND	97.5		70-130	1.59	30	
Dichlorodifluoromethane (Freon 12)	0.0204	0.021	mg/Kg dry	0.0212	ND	96.6		70-130	6.63	30	V-20, J
1,1-Dichloroethane	0.0189	0.0021	mg/Kg dry	0.0212	ND	89.2		70-130	1.30	30	
1,2-Dichloroethane	0.0196	0.0021	mg/Kg dry	0.0212	ND	92.7		70-130	2.38	30	
1,1-Dichloroethylene	0.0200	0.0042	mg/Kg dry	0.0212	ND	94.4		70-130	1.44	30	
cis-1,2-Dichloroethylene	0.0193	0.0021	mg/Kg dry	0.0212	ND	91.4		70-130	1.31	30	
trans-1,2-Dichloroethylene	0.0175	0.0021	mg/Kg dry	0.0212	ND	82.7		70-130	0.931	30	
1,2-Dichloropropane	0.0192	0.0021	mg/Kg dry	0.0212	ND	90.9		70-130	0.0292	30	
cis-1,3-Dichloropropene	0.0172	0.0011	mg/Kg dry	0.0212	ND	81.2		70-130	1.64	30	
trans-1,3-Dichloropropene	0.0187	0.0011	mg/Kg dry	0.0212	ND	88.3		70-130	1.59	30	
1,4-Dioxane	0.167	0.11	mg/Kg dry	0.212	ND	79.1		70-130	5.92	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B363446 - SW-846 5035											
Matrix Spike Dup (B363446-MSD1)	**Source: 24A1385-10**			Prepared & Analyzed: 01/16/24							
Ethylbenzene	0.0219	0.0021	mg/Kg dry	0.0212	ND	103		70-130	1.08	30	
2-Hexanone (MBK)	0.196	0.021	mg/Kg dry	0.212	ND	92.7		70-130	0.629	30	
Isopropylbenzene (Cumene)	0.0236	0.0021	mg/Kg dry	0.0212	ND	112		70-130	1.50	30	
Methyl Acetate	0.0207	0.0021	mg/Kg dry	0.0212	ND	97.6		70-130	8.62	30	
Methyl tert-Butyl Ether (MTBE)	0.0161	0.0042	mg/Kg dry	0.0212	ND	76.0		70-130	2.09	30	
Methyl Cyclohexane	0.0169	0.0042	mg/Kg dry	0.0212	ND	79.7		70-130	3.28	30	
Methylene Chloride	0.0170	0.021	mg/Kg dry	0.0212	ND	80.5		70-130	0.682	30	J
4-Methyl-2-pentanone (MIBK)	0.188	0.021	mg/Kg dry	0.212	ND	88.7		70-130	1.62	30	
Styrene	0.0224	0.0021	mg/Kg dry	0.0212	ND	106		70-130	0.310	30	
1,1,2,2-Tetrachloroethane	0.0213	0.0011	mg/Kg dry	0.0212	ND	100		70-130	0.349	30	
Tetrachloroethylene	0.0251	0.0021	mg/Kg dry	0.0212	ND	119		70-130	2.02	30	V-20
Toluene	0.0222	0.0021	mg/Kg dry	0.0212	ND	105		70-130	1.32	30	
1,2,3-Trichlorobenzene	0.0205	0.0021	mg/Kg dry	0.0212	ND	96.8		70-130	1.26	30	
1,2,4-Trichlorobenzene	0.0204	0.0021	mg/Kg dry	0.0212	ND	96.3		70-130	2.12	30	
1,1,1-Trichloroethane	0.0206	0.0021	mg/Kg dry	0.0212	ND	97.1		70-130	3.00	30	
1,1,2-Trichloroethane	0.0218	0.0021	mg/Kg dry	0.0212	ND	103		70-130	1.12	30	
Trichloroethylene	0.0224	0.0021	mg/Kg dry	0.0212	0.00111	100		70-130	2.01	30	
Trichlorofluoromethane (Freon 11)	0.0223	0.011	mg/Kg dry	0.0212	ND	105		70-130	3.28	30	V-20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0227	0.011	mg/Kg dry	0.0212	ND	107		70-130	4.18	30	
Vinyl Chloride	0.0134	0.011	mg/Kg dry	0.0212	ND	**63.4**	*	70-130	2.82	30	MS-24
m+p Xylene	0.0446	0.0042	mg/Kg dry	0.0423	ND	105		70-130	0.694	30	
o-Xylene	0.0219	0.0021	mg/Kg dry	0.0212	ND	104		70-130	0.907	30	
Surrogate: 1,2-Dichloroethane-d4	*0.0462*		mg/Kg dry	0.0529		87.2		70-130			
Surrogate: Toluene-d8	*0.0531*		mg/Kg dry	0.0529		100		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0515*		mg/Kg dry	0.0529		97.4		70-130			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B363348 - % Solids										
Duplicate (B363348-DUP2)	**Source: 24A1385-10**			Prepared & Analyzed: 01/15/24						
% Solids	87.0		% Wt		86.7			0.407	10	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.

J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
PR-03	Sample preserved in the laboratory, not in the field as required by the method.
PR-15	According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-36	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
Acetone	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Cyclohexane	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY,ME
1,2-Dibromoethane (EDB)	NH,NY
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
1,4-Dioxane	NY,ME
Ethylbenzene	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Methyl Acetate	NY,ME
Methyl tert-Butyl Ether (MTBE)	NY,ME,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME,VA
Styrene	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Xylenes (total)	NH,NY,ME

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

24A1385

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CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name:	HRP Associates
Address:	1 Fairchild Sq., Clifton Park, NY
Phone:	518-877-7101
Project Name:	473 President St. - Off-site
Project Location:	Brooklyn, NY
Project Number:	C2242220A - DEC1035.P2
Project Manager:	Patrick Montuori
Pace Analytical Quote Name/Number	
Invoice Recipient:	Marnie.DeLuke@dec.ny.gov
Sampled By:	RL

Requested Turnaround Time
7-Day [X] 10-Day [ ]
Due Date:

Rush-Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other: EQuIS
CLP Like Data Pkg Required: [X]
Email To: Patrick.Montuori@HRPAssociates.com
Fax To #:

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	TCL VOCs by EPA Method 8260	DO NOT RUN	# of Containers	Preservation Code	Container Code	Dissolved Metals Sample: Field Filtered / Lab to Filter	Orthophosphate Sample: Field Filtered / Lab to Filter
1	SB-WL-7_0.5FT BG	1/12/24	1015		G	S	U	X						
2	SB-WL-7_1.0FT BG		1020		G	S	U	X						
3	SB-WL-7_1.5FT BG		1025				(M2)	X	X					
4	SB-WL-7_2.0FT BG		1030					X						
5	SB-WL-7_2.5FT BG		1035				(M2)	X	X					
6	SB-WL-7_3.0FT BG		1040					X						
7	SB-WL-7_3.5FT BG		1045				(M2)	X	X					
8	SB-WL-7_4.0FT BG		1050					X						
9	SB-WL-7_4.5FT BG		1055				(M2)	X	L					
10	SB-WL-7_5.0FT BG	1/12/24	1100		G	S	U	X						

ANALYSIS REQUESTED

Comments: Please provide a Cat B report.
Please send all data to Ted.Wall@HRPAssociates.com
MS/MSD collected at SB-WL-7_5.0FT BG

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	1/12/24 2000
Received by: (signature)	Date/Time:
	1/12/24 15:00
Relinquished by: (signature)	Date/Time:
	1/14/24 1240
Received by: (signature)	Date/Time:
	1/14/24 1242
Relinquished by: (signature)	Date/Time:
	1/15/24 8:00

Cooler Temp 2.0 — TTHS 1025

Program & Regulatory Information
- [ ] AWQ STDS
- [ ] NY TOGS
- [ ] NYC Sewer Discharge
- [ ] NY CP-51
- [ ] Part 360 GW (Landfill)
- [ ] NY Restricted Use
- [ ] NY Unrestricted Use
- [ ] NY Part 375

Other:

Deliverables
- [ ] Enhanced Data Package
- [ ] NYSDEC EQuIS EDD
- [ ] EQuIS (Standard) EDD
- [ ] NY Regulatory EDD
- [ ] NY Regs Hits-Only EDD

Other:

Project Entity
- [ ] Government
- [ ] Municipality
- [ ] MWRA
- [ ] WRTA
- [ ] School

Other
- [ ] Chromatogram
- [ ] AIHA-LAP LLC
- [ ] Non Soxhlet

PCB ONLY

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

24A1585

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Phone: 612-607-6400
Fax: 612-607-6344

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: HRP Associates
Address: 1 Fairchild Sq., Clifton Park, NY
Phone: 518-877-7101
Project Name: 473 President St. - Off-site
Project Location: Brooklyn, NY
Project Number: C2242220A - DEC1035.P2
Project Manager: Patrick Montuori
Pace Analytical Quote Name/Number
Invoice Recipient: Marnie.DeLuke@dec.ny.gov
Sampled By: RL

Requested Turnaround Time
7-Day [X] 10-Day [ ]
Due Date:

Rush-Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other: EQuIS
CLP Like Data Pkg Required: [X]
Email To: Patrick.Montuori@HRPAssociates.com
Fax To #:

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	TCL VOCs by EPA Method 8260	I	I	G	# of Containers	Preservation Code	Container Code
11	DUP-1	1/12/24	—		6	S	U	+						

ANALYSIS REQUESTED

Dissolved Metals Sample
[ ] Field Filtered
[ ] Lab to Filter

Orthophosphate Sample
[ ] Field Filtered
[ ] Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

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X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: Please provide a Cat B report.
Please send all data to Ted.Wall@HRPAssociates.com

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	1/12/24 2000
Received by: (signature)	Date/Time:
	1/12/24 15:00
Relinquished by: (signature)	Date/Time:
	1/14/24 1240
Received by: (signature)	Date/Time:
	1/14/24 1242
Relinquished by: (signature)	Date/Time:
	1/15/24 8:00

2.0 1/15/24 1025

Program & Regulatory Information
[ ] AWQ STDS [ ] NY TOGS
[ ] NYC Sewer Discharge [ ] NY CP-51
[ ] Part 360 GW (Landfill)
[ ] NY Restricted Use
[ ] NY Unrestricted Use
[ ] NY Part 375
Other:

Deliverables
[ ] Enhanced Data Package
[ ] NYSDEC EQuIS EDD
[ ] EQuIS (Standard) EDD
[ ] NY Regulatory EDD
[ ] NY Regs Hits-Only EDD
Other:

Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] [ ] School

Other
[ ] Chromatogram
[ ] AIHA-LAP, LLC

PCB ONLY
[ ] Soxhlet

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client HRP

Project 473 President st - off-site

MCP/RCP Required NO

Deliverable Package Requirement CAT B

Location NY

PWSID# (When Applicable) NA

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time GR 11/15/24 1025

Back-Sheet By / Date / Time GR 11/15/24 1043

Temperature Method GUN # 5

Temp < 6° C Actual Temperature 2.0

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☑	☑ a
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A) ☐ ☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist

Effective Date: 07/13/2023

Sample	Soils Jars (Circle Amb/Clear)				Ambers							Plastics										VOA Vials					Other / Fill in					
					1 Liter			250mL			100mL	1 Liter		500mL		250mL																	
	16oz Amb/Clear	8oz Amb/Clear	4oz Amb/Clear	2oz Amb/Clear	Unpreserved	HCL	Sulfuric	Sulfuric	Phosphoric	HCl	Unpreserved	Unpreserved	Sulfuric	Unpreserved	Sulfuric	Unpreserved	Trizma	Sulfuric	Nitric	NaOH	Ammonium Acetate	NaOH/Zinc	Unpreserved	HCl	MeOH	D.I. Water	BiSulfate	Col/Bact					
1																																
2																																
3																																
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17																																
18																																
19																																
20																																

Qualtrax ID: 120836

Raymond McCarthy

From: Patrick Montuori <Patrick.Montuori@hrpassociates.com>
Sent: Wednesday, January 17, 2024 1:23 PM
To: Raymond McCarthy
Cc: Reed Lewandowski
Subject: 24A1385 - 473 President Street Off-Site

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi RJ,

Can all sample IDs on this report be revised to the pre-fix **SB-WL-8** (instead of 7)?

Thanks,
Patrick

Patrick Montuori, P.G.
Project Manager

HRP Associates, Inc.
1 Fairchild Square, Suite 110, Clifton Park, NY 12065

D 518-978-2382
O 518.877.7101 Ext. 1411#
T 888.823.6427
F 518.877.8561

hrpassociates.com

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

November 7, 2022

Marnie Chancey
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: 473 President Street, Brooklyn, NY
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 22J4293

Enclosed are results of analyses for samples as received by the laboratory on October 28, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

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NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Marnie Chancey

REPORT DATE: 11/7/2022

PURCHASE ORDER NUMBER: MULTI QN

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22J4293

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 473 President Street, Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
HRP-MW-1_10.27.22	22J4293-01	Ground Water		SW-846 8260D	
DUP-1_10.27.22	22J4293-02	Ground Water		SW-846 8260D	
Field Blank_10.27.22	22J4293-03	Ground Water		SW-846 8260D	
Lab Trip Blank	22J4293-04	Ground Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D

Qualifications:

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Trichloroethylene

22J4293-01[HRP-MW-1_10.27.22], B321738-MS1, B321738-MSD1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,4-Dioxane

B321738-MS1

cis-1,2-Dichloroethylene

B321738-MSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

22J4293-01[HRP-MW-1_10.27.22], 22J4293-02[DUP-1_10.27.22]

V-05

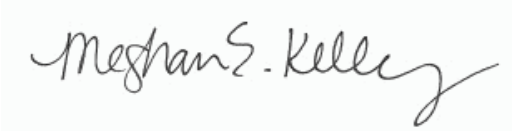
Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DB

22J4293-01[HRP-MW-1_10.27.22], 22J4293-02[DUP-1_10.27.22], 22J4293-03[Field Blank_10.27.22], 22J4293-04[Lab Trip Blank], B321738-BLK1, B321738-BS1, B321738-BSD1, B321738-MS1, B321738-MSD1, S078758-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: HRP-MW-1_10.27.22 Sampled: 10/27/2022 11:28

Sample ID: 22J4293-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	410	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Benzene	ND	200	40	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Bromochloromethane	ND	200	61	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Bromodichloromethane	ND	100	36	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Bromoform	ND	200	77	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Bromomethane	ND	400	310	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
2-Butanone (MEK)	ND	4000	320	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Carbon Disulfide	ND	1000	290	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Carbon Tetrachloride	ND	1000	33	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Chlorobenzene	ND	200	21	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Chlorodibromomethane	ND	100	44	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Chloroethane	ND	400	64	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Chloroform	ND	400	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Chloromethane	ND	400	100	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Cyclohexane	ND	1000	350	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	160	µg/L	200	V-05	SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2-Dibromoethane (EDB)	ND	100	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2-Dichlorobenzene	ND	200	24	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,3-Dichlorobenzene	ND	200	24	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,4-Dichlorobenzene	ND	200	26	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	400	38	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,1-Dichloroethane	ND	200	28	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2-Dichloroethane	ND	200	62	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,1-Dichloroethylene	30	200	28	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:31	MFF
cis-1,2-Dichloroethylene	3400	200	29	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
trans-1,2-Dichloroethylene	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2-Dichloropropane	ND	200	36	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
cis-1,3-Dichloropropene	ND	100	32	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
trans-1,3-Dichloropropene	ND	100	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,4-Dioxane	ND	10000	4100	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Ethylbenzene	ND	200	43	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
2-Hexanone (MBK)	ND	2000	220	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Isopropylbenzene (Cumene)	ND	200	22	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Methyl Acetate	ND	200	91	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Methyl Cyclohexane	92	200	49	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Methylene Chloride	ND	1000	47	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	2000	260	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Styrene	ND	200	21	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,1,2,2-Tetrachloroethane	ND	100	25	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Tetrachloroethylene	ND	200	37	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Toluene	ND	200	45	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2,3-Trichlorobenzene	ND	1000	61	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2,4-Trichlorobenzene	ND	200	50	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: HRP-MW-1_10.27.22 Sampled: 10/27/2022 11:28

Sample ID: 22J4293-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,1,2-Trichloroethane	ND	200	37	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Trichloroethylene	13000	200	38	µg/L	200	MS-19	SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Trichlorofluoromethane (Freon 11)	ND	400	35	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	200	45	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Vinyl Chloride	92	400	42	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Xylenes (total)	ND	200	200	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		11/2/22 3:31
Toluene-d8	98.5	70-130		11/2/22 3:31
4-Bromofluorobenzene	95.3	70-130		11/2/22 3:31

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: HRP-MW-1_10.27.22 Sampled: 10/27/2022 11:28

Sample ID: 22J4293-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			200			SW-846 8260D	11/1/22	11/2/22 3:31	MFF

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: DUP-1_10.27.22 Sampled: 10/27/2022 00:00

Sample ID: 22J4293-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	410	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Benzene	ND	200	40	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Bromochloromethane	ND	200	61	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Bromodichloromethane	ND	100	36	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Bromoform	ND	200	77	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Bromomethane	ND	400	310	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
2-Butanone (MEK)	440	4000	320	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Carbon Disulfide	ND	1000	290	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Carbon Tetrachloride	ND	1000	33	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Chlorobenzene	ND	200	21	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Chlorodibromomethane	ND	100	44	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Chloroethane	ND	400	64	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Chloroform	ND	400	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Chloromethane	ND	400	100	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Cyclohexane	ND	1000	350	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	160	µg/L	200	V-05	SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2-Dibromoethane (EDB)	ND	100	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2-Dichlorobenzene	ND	200	24	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,3-Dichlorobenzene	ND	200	24	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,4-Dichlorobenzene	ND	200	26	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	400	38	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,1-Dichloroethane	ND	200	28	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2-Dichloroethane	ND	200	62	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,1-Dichloroethylene	36	200	28	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:57	MFF
cis-1,2-Dichloroethylene	3500	200	29	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
trans-1,2-Dichloroethylene	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2-Dichloropropane	ND	200	36	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
cis-1,3-Dichloropropene	ND	100	32	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
trans-1,3-Dichloropropene	ND	100	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,4-Dioxane	ND	10000	4100	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Ethylbenzene	ND	200	43	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
2-Hexanone (MBK)	ND	2000	220	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Isopropylbenzene (Cumene)	ND	200	22	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Methyl Acetate	ND	200	91	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Methyl Cyclohexane	ND	200	49	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Methylene Chloride	ND	1000	47	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	2000	260	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Styrene	ND	200	21	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,1,2,2-Tetrachloroethane	ND	100	25	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Tetrachloroethylene	ND	200	37	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Toluene	ND	200	45	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2,3-Trichlorobenzene	ND	1000	61	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2,4-Trichlorobenzene	ND	200	50	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: DUP-1_10.27.22 Sampled: 10/27/2022 00:00

Sample ID: 22J4293-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,1,2-Trichloroethane	ND	200	37	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Trichloroethylene	14000	200	38	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Trichlorofluoromethane (Freon 11)	ND	400	35	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	200	45	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Vinyl Chloride	100	400	42	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Xylenes (total)	ND	200	200	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	103	70-130		11/2/22	3:57
Toluene-d8	98.2	70-130		11/2/22	3:57
4-Bromofluorobenzene	96.6	70-130		11/2/22	3:57

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: DUP-1_10.27.22 Sampled: 10/27/2022 00:00

Sample ID: 22J4293-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			200			SW-846 8260D	11/1/22	11/2/22 3:57	MFF

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: Field Blank_10.27.22 Sampled: 10/27/2022 12:00

Sample ID: 22J4293-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.9	50	2.0	µg/L	1	J	SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Benzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Bromochloromethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Bromodichloromethane	ND	0.50	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Bromoform	ND	1.0	0.38	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Carbon Disulfide	ND	5.0	1.4	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Chlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Chlorodibromomethane	ND	0.50	0.22	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Chloroethane	ND	2.0	0.32	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Chloromethane	ND	2.0	0.52	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L	1	V-05	SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Ethylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
2-Hexanone (MBK)	ND	10	1.1	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Methyl Acetate	ND	1.0	0.45	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Methyl Cyclohexane	ND	1.0	0.24	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Methylene Chloride	ND	5.0	0.23	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Tetrachloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Toluene	0.40	1.0	0.22	µg/L	1	J	SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: Field Blank_10.27.22 Sampled: 10/27/2022 12:00

Sample ID: 22J4293-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Trichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Vinyl Chloride	ND	2.0	0.21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	101	70-130		11/2/22	0:28
Toluene-d8	97.1	70-130		11/2/22	0:28
4-Bromofluorobenzene	95.6	70-130		11/2/22	0:28

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: Field Blank_10.27.22 Sampled: 10/27/2022 12:00

Sample ID: 22J4293-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	11/1/22	11/2/22 0:28	MFF

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: Lab Trip Blank Sampled: 10/27/2022 00:00

Sample ID: 22J4293-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Benzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Bromochloromethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Bromodichloromethane	ND	0.50	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Bromoform	ND	1.0	0.38	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Carbon Disulfide	ND	5.0	1.4	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Chlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Chlorodibromomethane	ND	0.50	0.22	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Chloroethane	ND	2.0	0.32	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Chloromethane	ND	2.0	0.52	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L	1	V-05	SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Ethylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
2-Hexanone (MBK)	ND	10	1.1	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Methyl Acetate	ND	1.0	0.45	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Methyl Cyclohexane	ND	1.0	0.24	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Methylene Chloride	ND	5.0	0.23	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Tetrachloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: Lab Trip Blank Sampled: 10/27/2022 00:00

Sample ID: 22J4293-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Trichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Vinyl Chloride	ND	2.0	0.21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	101	70-130		11/2/22	0:54
Toluene-d8	98.1	70-130		11/2/22	0:54
4-Bromofluorobenzene	96.2	70-130		11/2/22	0:54

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: Lab Trip Blank Sampled: 10/27/2022 00:00

Sample ID: 22J4293-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	11/1/22	11/2/22 0:54	MFF

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Sample Extraction Data

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22J4293-01 [HRP-MW-1_10.27.22]	B321738	0.025	5.00	11/01/22
22J4293-02 [DUP-1_10.27.22]	B321738	0.025	5.00	11/01/22
22J4293-03 [Field Blank_10.27.22]	B321738	5	5.00	11/01/22
22J4293-04 [Lab Trip Blank]	B321738	5	5.00	11/01/22

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B321738 - SW-846 5030B										
Blank (B321738-BLK1)				Prepared & Analyzed: 11/01/22						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B321738 - SW-846 5030B											
Blank (B321738-BLK1)				Prepared & Analyzed: 11/01/22							
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.2*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*24.3*		µg/L	25.0		97.2	70-130				
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.3	70-130				
LCS (B321738-BS1)				Prepared & Analyzed: 11/01/22							
Acetone	110	50	µg/L	100		110	70-160				†
Benzene	9.55	1.0	µg/L	10.0		95.5	70-130				
Bromochloromethane	10.6	1.0	µg/L	10.0		106	70-130				
Bromodichloromethane	9.43	0.50	µg/L	10.0		94.3	70-130				
Bromoform	8.80	1.0	µg/L	10.0		88.0	70-130				
Bromomethane	8.50	2.0	µg/L	10.0		85.0	40-160				†
2-Butanone (MEK)	108	20	µg/L	100		108	40-160				†
Carbon Disulfide	98.3	5.0	µg/L	100		98.3	70-130				
Carbon Tetrachloride	9.66	5.0	µg/L	10.0		96.6	70-130				
Chlorobenzene	10.8	1.0	µg/L	10.0		108	70-130				
Chlorodibromomethane	9.46	0.50	µg/L	10.0		94.6	70-130				
Chloroethane	10.3	2.0	µg/L	10.0		103	70-130				
Chloroform	9.65	2.0	µg/L	10.0		96.5	70-130				
Chloromethane	9.08	2.0	µg/L	10.0		90.8	40-160				†
Cyclohexane	9.73	5.0	µg/L	10.0		97.3	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.21	5.0	µg/L	10.0		82.1	70-130			V-05	
1,2-Dibromoethane (EDB)	10.0	0.50	µg/L	10.0		100	70-130				
1,2-Dichlorobenzene	9.98	1.0	µg/L	10.0		99.8	70-130				
1,3-Dichlorobenzene	9.68	1.0	µg/L	10.0		96.8	70-130				
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
Dichlorodifluoromethane (Freon 12)	10.2	2.0	µg/L	10.0		102	40-160				†
1,1-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130				
1,2-Dichloroethane	9.85	1.0	µg/L	10.0		98.5	70-130				
1,1-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130				
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130				
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130				
1,2-Dichloropropane	10.4	1.0	µg/L	10.0		104	70-130				
cis-1,3-Dichloropropene	8.88	0.50	µg/L	10.0		88.8	70-130				
trans-1,3-Dichloropropene	8.51	0.50	µg/L	10.0		85.1	70-130				
1,4-Dioxane	82.6	50	µg/L	100		82.6	40-130				†
Ethylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
2-Hexanone (MBK)	105	10	µg/L	100		105	70-160				†
Isopropylbenzene (Cumene)	10.3	1.0	µg/L	10.0		103	70-130				
Methyl Acetate	11.1	1.0	µg/L	10.0		111	70-130				
Methyl tert-Butyl Ether (MTBE)	9.01	1.0	µg/L	10.0		90.1	70-130				
Methyl Cyclohexane	9.10	1.0	µg/L	10.0		91.0	70-130				
Methylene Chloride	10.5	5.0	µg/L	10.0		105	70-130				
4-Methyl-2-pentanone (MIBK)	106	10	µg/L	100		106	70-160				†
Styrene	10.4	1.0	µg/L	10.0		104	70-130				
1,1,2,2-Tetrachloroethane	9.15	0.50	µg/L	10.0		91.5	70-130				
Tetrachloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
Toluene	10.4	1.0	µg/L	10.0		104	70-130				
1,2,3-Trichlorobenzene	8.53	5.0	µg/L	10.0		85.3	70-130				
1,2,4-Trichlorobenzene	8.99	1.0	µg/L	10.0		89.9	70-130				
1,1,1-Trichloroethane	9.95	1.0	µg/L	10.0		99.5	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B321738 - SW-846 5030B											
LCS (B321738-BS1)				Prepared & Analyzed: 11/01/22							
1,1,2-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130				
Trichloroethylene	10.9	1.0	µg/L	10.0		109	70-130				
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0		106	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104	70-130				
Vinyl Chloride	10.3	2.0	µg/L	10.0		103	40-160				†
m+p Xylene	21.0	2.0	µg/L	20.0		105	70-130				
o-Xylene	10.2	1.0	µg/L	10.0		102	70-130				
Xylenes (total)	31.2	1.0	µg/L	30.0		104	0-200				
Surrogate: 1,2-Dichloroethane-d4	*25.3*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.6	70-130				
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		97.8	70-130				
LCS Dup (B321738-BSD1)				Prepared & Analyzed: 11/01/22							
Acetone	115	50	µg/L	100		115	70-160	4.74	25		†
Benzene	9.80	1.0	µg/L	10.0		98.0	70-130	2.58	25		
Bromochloromethane	11.1	1.0	µg/L	10.0		111	70-130	4.99	25		
Bromodichloromethane	9.34	0.50	µg/L	10.0		93.4	70-130	0.959	25		
Bromoform	9.10	1.0	µg/L	10.0		91.0	70-130	3.35	25		
Bromomethane	8.30	2.0	µg/L	10.0		83.0	40-160	2.38	25		†
2-Butanone (MEK)	111	20	µg/L	100		111	40-160	3.01	25		†
Carbon Disulfide	101	5.0	µg/L	100		101	70-130	2.38	25		
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130	4.06	25		
Chlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	2.19	25		
Chlorodibromomethane	9.61	0.50	µg/L	10.0		96.1	70-130	1.57	25		
Chloroethane	10.5	2.0	µg/L	10.0		105	70-130	1.73	25		
Chloroform	9.62	2.0	µg/L	10.0		96.2	70-130	0.311	25		
Chloromethane	9.42	2.0	µg/L	10.0		94.2	40-160	3.68	25		†
Cyclohexane	10.0	5.0	µg/L	10.0		100	70-130	2.74	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.47	5.0	µg/L	10.0		84.7	70-130	3.12	25	V-05	
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103	70-130	2.26	25		
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	0.599	25		
1,3-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	3.65	25		
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	0.595	25		
Dichlorodifluoromethane (Freon 12)	10.8	2.0	µg/L	10.0		108	40-160	5.51	25		†
1,1-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130	3.17	25		
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105	70-130	6.58	25		
1,1-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	3.58	25		
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130	1.27	25		
trans-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	1.63	25		
1,2-Dichloropropane	10.3	1.0	µg/L	10.0		103	70-130	0.387	25		
cis-1,3-Dichloropropene	8.91	0.50	µg/L	10.0		89.1	70-130	0.337	25		
trans-1,3-Dichloropropene	8.72	0.50	µg/L	10.0		87.2	70-130	2.44	25		
1,4-Dioxane	78.2	50	µg/L	100		78.2	40-130	5.48	50		† ‡
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	1.68	25		
2-Hexanone (MBK)	108	10	µg/L	100		108	70-160	2.67	25		†
Isopropylbenzene (Cumene)	10.4	1.0	µg/L	10.0		104	70-130	1.64	25		
Methyl Acetate	11.8	1.0	µg/L	10.0		118	70-130	6.02	25		
Methyl tert-Butyl Ether (MTBE)	9.16	1.0	µg/L	10.0		91.6	70-130	1.65	25		
Methyl Cyclohexane	9.67	1.0	µg/L	10.0		96.7	70-130	6.07	25		
Methylene Chloride	10.8	5.0	µg/L	10.0		108	70-130	2.35	25		
4-Methyl-2-pentanone (MIBK)	108	10	µg/L	100		108	70-160	2.33	25		†
Styrene	10.7	1.0	µg/L	10.0		107	70-130	2.93	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B321738 - SW-846 5030B											
LCS Dup (B321738-BSD1)				Prepared & Analyzed: 11/01/22							
1,1,2,2-Tetrachloroethane	9.24	0.50	µg/L	10.0		92.4		70-130	0.979	25	
Tetrachloroethylene	10.6	1.0	µg/L	10.0		106		70-130	0.0946	25	
Toluene	10.5	1.0	µg/L	10.0		105		70-130	1.25	25	
1,2,3-Trichlorobenzene	9.07	5.0	µg/L	10.0		90.7		70-130	6.14	25	
1,2,4-Trichlorobenzene	9.31	1.0	µg/L	10.0		93.1		70-130	3.50	25	
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103		70-130	3.75	25	
1,1,2-Trichloroethane	9.98	1.0	µg/L	10.0		99.8		70-130	0.400	25	
Trichloroethylene	11.0	1.0	µg/L	10.0		110		70-130	0.913	25	
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110		70-130	3.33	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104		70-130	0.0958	25	
Vinyl Chloride	10.6	2.0	µg/L	10.0		106		40-160	2.30	25	†
m+p Xylene	21.6	2.0	µg/L	20.0		108		70-130	2.78	25	
o-Xylene	10.4	1.0	µg/L	10.0		104		70-130	1.94	25	
Xylenes (total)	32.0	1.0	µg/L	30.0		107		0-200	2.50		
Surrogate: 1,2-Dichloroethane-d4	*25.0*		µg/L	25.0		100		70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.2		70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.6		70-130			
Matrix Spike (B321738-MS1)	**Source: 22J4293-01**			Prepared: 11/01/22 Analyzed: 11/02/22							
Acetone	20100	10000	µg/L	20000	ND	100		70-130			
Benzene	1860	200	µg/L	2000	ND	93.0		70-130			
Bromochloromethane	2060	200	µg/L	2000	ND	103		70-130			
Bromodichloromethane	1700	100	µg/L	2000	ND	84.8		70-130			
Bromoform	1600	200	µg/L	2000	ND	80.0		70-130			
Bromomethane	1620	400	µg/L	2000	ND	81.0		70-130			
2-Butanone (MEK)	19600	4000	µg/L	20000	ND	98.2		70-130			
Carbon Disulfide	18600	1000	µg/L	20000	ND	92.9		70-130			
Carbon Tetrachloride	1870	1000	µg/L	2000	ND	93.4		70-130			
Chlorobenzene	2060	200	µg/L	2000	ND	103		70-130			
Chlorodibromomethane	1690	100	µg/L	2000	ND	84.3		70-130			
Chloroethane	2060	400	µg/L	2000	ND	103		70-130			
Chloroform	1800	400	µg/L	2000	ND	90.0		70-130			
Chloromethane	1580	400	µg/L	2000	ND	78.9		70-130			
Cyclohexane	1970	1000	µg/L	2000	ND	98.7		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	1430	1000	µg/L	2000	ND	71.7		70-130			V-05
1,2-Dibromoethane (EDB)	1770	100	µg/L	2000	ND	88.7		70-130			
1,2-Dichlorobenzene	1890	200	µg/L	2000	ND	94.4		70-130			
1,3-Dichlorobenzene	1830	200	µg/L	2000	ND	91.3		70-130			
1,4-Dichlorobenzene	1880	200	µg/L	2000	ND	93.9		70-130			
Dichlorodifluoromethane (Freon 12)	2020	400	µg/L	2000	ND	101		70-130			
1,1-Dichloroethane	1970	200	µg/L	2000	ND	98.5		70-130			
1,2-Dichloroethane	1910	200	µg/L	2000	ND	95.6		70-130			
1,1-Dichloroethylene	2050	200	µg/L	2000	30.0	101		70-130			
cis-1,2-Dichloroethylene	5740	200	µg/L	2000	3430	115		70-130			
trans-1,2-Dichloroethylene	1950	200	µg/L	2000	ND	97.6		70-130			
1,2-Dichloropropane	1900	200	µg/L	2000	ND	94.8		70-130			
cis-1,3-Dichloropropene	1520	100	µg/L	2000	ND	75.8		70-130			
trans-1,3-Dichloropropene	1430	100	µg/L	2000	ND	71.4		70-130			
1,4-Dioxane	13700	10000	µg/L	20000	ND	**68.7**	*	70-130			MS-24
Ethylbenzene	2050	200	µg/L	2000	ND	103		70-130			
2-Hexanone (MBK)	18400	2000	µg/L	20000	ND	91.8		70-130			
Isopropylbenzene (Cumene)	1950	200	µg/L	2000	ND	97.5		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B321738 - SW-846 5030B											
Matrix Spike (B321738-MS1)	**Source: 22J4293-01**			Prepared: 11/01/22 Analyzed: 11/02/22							
Methyl Acetate	1960	200	µg/L	2000	ND	98.0		70-130			
Methyl tert-Butyl Ether (MTBE)	1650	200	µg/L	2000	ND	82.3		70-130			
Methyl Cyclohexane	1740	200	µg/L	2000	92.0	82.3		70-130			
Methylene Chloride	2050	1000	µg/L	2000	ND	103		70-130			
4-Methyl-2-pentanone (MIBK)	18700	2000	µg/L	20000	ND	93.6		70-130			
Styrene	1980	200	µg/L	2000	ND	98.9		70-130			
1,1,2,2-Tetrachloroethane	1790	100	µg/L	2000	ND	89.5		70-130			
Tetrachloroethylene	2050	200	µg/L	2000	ND	102		70-130			
Toluene	1870	200	µg/L	2000	ND	93.6		70-130			
1,2,3-Trichlorobenzene	1530	1000	µg/L	2000	ND	76.4		70-130			
1,2,4-Trichlorobenzene	1630	200	µg/L	2000	ND	81.6		70-130			
1,1,1-Trichloroethane	1890	200	µg/L	2000	ND	94.3		70-130			
1,1,2-Trichloroethane	1760	200	µg/L	2000	ND	88.2		70-130			
Trichloroethylene	17200	200	µg/L	2000	13500	**186**	*	70-130			MS-19
Trichlorofluoromethane (Freon 11)	2100	400	µg/L	2000	ND	105		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2000	200	µg/L	2000	ND	99.9		70-130			
Vinyl Chloride	2120	400	µg/L	2000	92.0	101		70-130			
m+p Xylene	4040	400	µg/L	4000	ND	101		70-130			
o-Xylene	1980	200	µg/L	2000	ND	99.0		70-130			
Xylenes (total)	6020	200	µg/L	6000	ND	100		0-200			
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103		70-130			
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.5		70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		99.8		70-130			
Matrix Spike Dup (B321738-MSD1)	**Source: 22J4293-01**			Prepared: 11/01/22 Analyzed: 11/02/22							
Acetone	20100	10000	µg/L	20000	ND	101		70-130	0.309	30	
Benzene	1820	200	µg/L	2000	ND	91.0		70-130	2.17	30	
Bromochloromethane	1980	200	µg/L	2000	ND	98.8		70-130	4.26	30	
Bromodichloromethane	1710	100	µg/L	2000	ND	85.6		70-130	0.939	30	
Bromoform	1590	200	µg/L	2000	ND	79.4		70-130	0.753	30	
Bromomethane	1440	400	µg/L	2000	ND	72.2		70-130	11.5	30	
2-Butanone (MEK)	19800	4000	µg/L	20000	ND	98.9		70-130	0.680	30	
Carbon Disulfide	18100	1000	µg/L	20000	ND	90.6		70-130	2.53	30	
Carbon Tetrachloride	1860	1000	µg/L	2000	ND	93.1		70-130	0.322	30	
Chlorobenzene	2030	200	µg/L	2000	ND	101		70-130	1.76	30	
Chlorodibromomethane	1670	100	µg/L	2000	ND	83.5		70-130	0.954	30	
Chloroethane	2040	400	µg/L	2000	ND	102		70-130	1.17	30	
Chloroform	1750	400	µg/L	2000	ND	87.7		70-130	2.59	30	
Chloromethane	1570	400	µg/L	2000	ND	78.7		70-130	0.254	30	
Cyclohexane	1940	1000	µg/L	2000	ND	96.9		70-130	1.84	30	
1,2-Dibromo-3-chloropropane (DBCP)	1450	1000	µg/L	2000	ND	72.7		70-130	1.39	30	V-05
1,2-Dibromoethane (EDB)	1840	100	µg/L	2000	ND	91.8		70-130	3.43	30	
1,2-Dichlorobenzene	1860	200	µg/L	2000	ND	93.1		70-130	1.39	30	
1,3-Dichlorobenzene	1790	200	µg/L	2000	ND	89.4		70-130	2.10	30	
1,4-Dichlorobenzene	1860	200	µg/L	2000	ND	92.9		70-130	1.07	30	
Dichlorodifluoromethane (Freon 12)	1900	400	µg/L	2000	ND	95.0		70-130	6.32	30	
1,1-Dichloroethane	1950	200	µg/L	2000	ND	97.4		70-130	1.12	30	
1,2-Dichloroethane	1880	200	µg/L	2000	ND	94.2		70-130	1.48	30	
1,1-Dichloroethylene	1990	200	µg/L	2000	30.0	98.0		70-130	2.78	30	
cis-1,2-Dichloroethylene	6060	200	µg/L	2000	3430	**131**	*	70-130	5.49	30	MS-24
trans-1,2-Dichloroethylene	1950	200	µg/L	2000	ND	97.3		70-130	0.308	30	
1,2-Dichloropropane	1890	200	µg/L	2000	ND	94.6		70-130	0.211	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B321738 - SW-846 5030B											
Matrix Spike Dup (B321738-MSD1)	**Source: 22J4293-01**			Prepared: 11/01/22 Analyzed: 11/02/22							
cis-1,3-Dichloropropene	1490	100	µg/L	2000	ND	74.3		70-130	2.00	30	
trans-1,3-Dichloropropene	1440	100	µg/L	2000	ND	71.9		70-130	0.698	30	
1,4-Dioxane	15400	10000	µg/L	20000	ND	76.8		70-130	11.2	30	
Ethylbenzene	2000	200	µg/L	2000	ND	100		70-130	2.56	30	
2-Hexanone (MBK)	18900	2000	µg/L	20000	ND	94.6		70-130	3.00	30	
Isopropylbenzene (Cumene)	1930	200	µg/L	2000	ND	96.7		70-130	0.824	30	
Methyl Acetate	2050	200	µg/L	2000	ND	102		70-130	4.49	30	
Methyl tert-Butyl Ether (MTBE)	1630	200	µg/L	2000	ND	81.3		70-130	1.22	30	
Methyl Cyclohexane	1780	200	µg/L	2000	92.0	84.2		70-130	2.16	30	
Methylene Chloride	1970	1000	µg/L	2000	ND	98.4		70-130	4.28	30	
4-Methyl-2-pentanone (MIBK)	19300	2000	µg/L	20000	ND	96.5		70-130	3.10	30	
Styrene	1890	200	µg/L	2000	ND	94.3		70-130	4.76	30	
1,1,2,2-Tetrachloroethane	1810	100	µg/L	2000	ND	90.4		70-130	1.00	30	
Tetrachloroethylene	1980	200	µg/L	2000	ND	99.1		70-130	3.28	30	
Toluene	1900	200	µg/L	2000	ND	95.1		70-130	1.59	30	
1,2,3-Trichlorobenzene	1570	1000	µg/L	2000	ND	78.3		70-130	2.46	30	
1,2,4-Trichlorobenzene	1600	200	µg/L	2000	ND	79.8		70-130	2.23	30	
1,1,1-Trichloroethane	1900	200	µg/L	2000	ND	95.0		70-130	0.740	30	
1,1,2-Trichloroethane	1830	200	µg/L	2000	ND	91.4		70-130	3.56	30	
Trichloroethylene	19300	200	µg/L	2000	13500	**289**	*	70-130	11.3	30	MS-19
Trichlorofluoromethane (Freon 11)	2040	400	µg/L	2000	ND	102		70-130	2.61	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1920	200	µg/L	2000	ND	96.0		70-130	3.98	30	
Vinyl Chloride	2100	400	µg/L	2000	92.0	100		70-130	1.14	30	
m+p Xylene	3940	400	µg/L	4000	ND	98.6		70-130	2.40	20	
o-Xylene	1920	200	µg/L	2000	ND	96.2		70-130	2.87	30	
Xylenes (total)	5870	200	µg/L	6000	ND	97.8		0-200	2.56		
Surrogate: 1,2-Dichloroethane-d4	*24.7*		µg/L	25.0		98.9		70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.4		70-130			
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.2		70-130			

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QUALITY CONTROL

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B321738 - SW-846 5030B										
Blank (B321738-BLK1)				Prepared & Analyzed: 11/01/22						
No TICs Found	0.0		µg/L							

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
Xylenes (total)	ME,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2023
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2023
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022

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22J4293

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CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414

Page 1 of 1

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name:	HRP Associates
Address:	1 Fairchild Square, Clifton Park, NY
Phone:	518-877-7101
Project Name:	473 President St. - Offsite
Project Location:	473 President Street, Brooklyn, NY
Project Number:	DEC1035.P2
Project Manager:	David Stoll
Pace Analytical Quote Name/Number	
Invoice Recipient:	David.Stoll@HRPAssociates.com
Sampled By:	JA, RL

Requested Turnaround Time
7-Day [x] 10-Day [ ]
Due Date:

Rush-Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [x] EXCEL [x]
Other: EQuIS
CLP Like Data Pkg Required: [ ]
Email To:
Fax To #:

ANALYSIS REQUESTED

Pace Analytical Work Order#		Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	VOCs + 10 by 8260	# of Containers	Preservation Code	Container Code
	1	HRP-MW-1_10.27.22	10/27/22	11:28		x	GW	U	x	3	H	V
	2	DUP-1_10.27.22		—		x	GW	U	x	3	H	V
	3	Field Blank_10.27.22	10/27/22	1200		x	LW	C	x	3	H	V
	4	Lab Trip Blank	—	—		x	LW	C	x	2	H	V

Comments: MS/MSD collected @ HRP-MW-1_10.27.22
Please Provide a CAT B Report

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals Samples
[ ] Field Filtered
[ ] Lab to Filter

Orthophosphate Samples
[ ] Field Filtered
[ ] Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)
LW = Lab Water

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

	Date/Time:
Relinquished by: (signature)	10/28/22 1125
Received by: (signature) PACE	10/28/22 1125
Relinquished by: (signature) PACE	10/28/22
Received by: (signature)	10/28/22 1510
Relinquished by: (signature)	10/28/22 1625
Received by: (signature)	10/28 1625

Program & Regulatory Information
[ ] AWQ STDS [ ] NY TOGS
[ ] NYC Sewer Discharge [ ] NY CP-51
[ ] Part 360 GW (Landfill)
[ ] NY Restricted Use
[ ] NY Unrestricted Use
[ ] NY Part 375
Other:

Deliverables
[ ] Enhanced Data Package
[x] NYSDEC EQuIS EDD
[ ] EQuIS (Standard) EDD
[ ] NY Regulatory EDD
[ ] NY Regs Hits-Only EDD
Other:

Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] 21 J [ ] School
[ ] City [ ] Brownfield [ ] MBTA

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

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Pace PEOPLE ADVANCING SCIENCE

Doc# 277 Rev 6 July 2022

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client: HRP
Received By: CMW Date: 10/26/22 Time: 1625

How were the samples received? In Cooler: T No Cooler: On Ice: T No Ice:
Direct From Sample: Ambient: Melted Ice:
Were samples within Tempurature? Within 2-6°C: T By Gun #: 5 Actual Temp - 2.2
By Blank #: Actual Temp -
Was Custody Seal In tact? NA Were Samples Tampered with? NA
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client? T Analysis? T Sampler Name? T
Project? T ID's? T Collection Dates/Times? T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified?
Are there Rushes? F Who was notified?
Are there Short Holds? F Who was notified?
Samples are received within holding time? T Is there enough Volume? T
Is there Headspace where applicable? F MS/MSD? F T
Proper Media/Containers Used? T splitting samples required F
Were trip blanks receive T On COC? T
Do All Samples Have the proper pH? NA Acid NA Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	17	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

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February 7, 2023

Marnie Chancey
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: 473 President St., Brooklyn, NY
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 23A2674

Enclosed are results of analyses for samples as received by the laboratory on January 26, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

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NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Marnie Chancey

REPORT DATE: 2/7/2023

PURCHASE ORDER NUMBER: MULTI QN

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23A2674

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 473 President St., Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
HRP-MW-5	23A2674-01	Water		SW-846 8260D	
HRP-MW-3	23A2674-02	Water		SW-846 8260D	
HRP-MW-2	23A2674-03	Water		SW-846 8260D	
HRP-MW-4	23A2674-04	Water		SW-846 8260D	
Lab Trip Blank	23A2674-05	Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Chloromethane

B329990-BS1, B329990-BSD1, S082590-CCV1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

23A2674-03[HRP-MW-2], 23A2674-04[HRP-MW-4]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP)

23A2674-01[HRP-MW-5], 23A2674-02[HRP-MW-3], 23A2674-03[HRP-MW-2], 23A2674-04[HRP-MW-4], 23A2674-05[Lab Trip Blank], B329990-BLK1, B329990-BS1, B329990-BSD1, S082590-CCV1

Bromoform

23A2674-01[HRP-MW-5], 23A2674-02[HRP-MW-3], 23A2674-03[HRP-MW-2], 23A2674-04[HRP-MW-4], 23A2674-05[Lab Trip Blank], B329990-BLK1, B329990-BS1, B329990-BSD1, S082590-CCV1

V-20

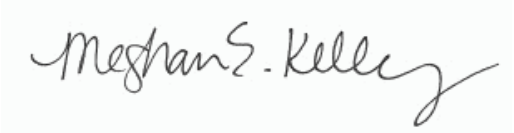
Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Chloromethane

B329990-BS1, B329990-BSD1, S082590-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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

Project Location: 473 President St., Brooklyn, NY Sample Description: Work Order: 23A2674

Date Received: 1/26/2023

Field Sample #: HRP-MW-5 Sampled: 1/24/2023 08:25

Sample ID: 23A2674-01

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	17	50	2.0	µg/L	1	J	SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Benzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Bromochloromethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Bromodichloromethane	ND	0.50	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Bromoform	ND	1.0	0.38	µg/L	1	V-05	SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Carbon Disulfide	ND	5.0	1.4	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Chlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Chlorodibromomethane	ND	0.50	0.22	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Chloroethane	ND	2.0	0.32	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Chloromethane	ND	2.0	0.52	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L	1	V-05	SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,2-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
cis-1,2-Dichloroethylene	0.21	1.0	0.15	µg/L	1	J	SW-846 8260D	1/30/23	1/30/23 17:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Ethylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
2-Hexanone (MBK)	ND	10	1.1	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Methyl Acetate	ND	1.0	0.45	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Methyl Cyclohexane	2.7	1.0	0.24	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Methylene Chloride	ND	5.0	0.23	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Tetrachloroethylene	4.7	1.0	0.19	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Toluene	68	1.0	0.22	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF

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

Project Location: 473 President St., Brooklyn, NY Sample Description: Work Order: 23A2674

Date Received: 1/26/2023

Field Sample #: HRP-MW-5 Sampled: 1/24/2023 08:25

Sample ID: 23A2674-01

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Trichloroethylene	1.0	1.0	0.19	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Vinyl Chloride	ND	2.0	0.21	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/30/23	1/30/23 17:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		1/30/23 17:47
Toluene-d8	85.2	70-130		1/30/23 17:47
4-Bromofluorobenzene	93.9	70-130		1/30/23 17:47

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Project Location: 473 President St., Brooklyn, NY Sample Description: Work Order: 23A2674

Date Received: 1/26/2023

Field Sample #: HRP-MW-3 Sampled: 1/24/2023 13:30

Sample ID: 23A2674-02

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Benzene	0.94	1.0	0.20	µg/L	1	J	SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Bromochloromethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Bromodichloromethane	ND	0.50	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Bromoform	ND	1.0	0.38	µg/L	1	V-05	SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Carbon Disulfide	ND	5.0	1.4	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Chlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Chlorodibromomethane	ND	0.50	0.22	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Chloroethane	ND	2.0	0.32	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Chloromethane	ND	2.0	0.52	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L	1	V-05	SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,2-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Ethylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
2-Hexanone (MBK)	ND	10	1.1	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Methyl Acetate	ND	1.0	0.45	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Methyl tert-Butyl Ether (MTBE)	2.0	1.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Methyl Cyclohexane	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Methylene Chloride	ND	5.0	0.23	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Tetrachloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Toluene	1.1	1.0	0.22	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF

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

Project Location: 473 President St., Brooklyn, NY Sample Description: Work Order: 23A2674

Date Received: 1/26/2023

Field Sample #: HRP-MW-3 Sampled: 1/24/2023 13:30

Sample ID: 23A2674-02

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Trichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Vinyl Chloride	ND	2.0	0.21	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/30/23	1/30/23 12:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		1/30/23 12:26
Toluene-d8	92.8	70-130		1/30/23 12:26
4-Bromofluorobenzene	94.8	70-130		1/30/23 12:26

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

Project Location: 473 President St., Brooklyn, NY Sample Description: Work Order: 23A2674

Date Received: 1/26/2023

Field Sample #: HRP-MW-2 Sampled: 1/24/2023 14:20

Sample ID: 23A2674-03

Sample Matrix: Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	4.1	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Benzene	ND	2.0	0.40	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Bromochloromethane	ND	2.0	0.61	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Bromodichloromethane	ND	1.0	0.36	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Bromoform	ND	2.0	0.77	µg/L	2	V-05	SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Bromomethane	ND	4.0	3.1	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
2-Butanone (MEK)	ND	40	3.2	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Carbon Disulfide	ND	10	2.9	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Carbon Tetrachloride	ND	10	0.33	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Chlorobenzene	ND	2.0	0.21	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Chlorodibromomethane	ND	1.0	0.44	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Chloroethane	ND	4.0	0.64	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Chloroform	0.44	4.0	0.34	µg/L	2	J	SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Chloromethane	ND	4.0	1.0	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Cyclohexane	ND	10	3.5	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.6	µg/L	2	V-05	SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,2-Dibromoethane (EDB)	ND	1.0	0.34	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,2-Dichlorobenzene	ND	2.0	0.24	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,3-Dichlorobenzene	ND	2.0	0.24	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,4-Dichlorobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.38	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,1-Dichloroethane	ND	2.0	0.28	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,2-Dichloroethane	ND	2.0	0.62	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,1-Dichloroethylene	ND	2.0	0.28	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
cis-1,2-Dichloroethylene	0.88	2.0	0.29	µg/L	2	J	SW-846 8260D	1/30/23	1/30/23 18:40	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.34	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,2-Dichloropropane	ND	2.0	0.36	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
cis-1,3-Dichloropropene	ND	1.0	0.32	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
trans-1,3-Dichloropropene	ND	1.0	0.34	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,4-Dioxane	ND	100	41	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Ethylbenzene	ND	2.0	0.43	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
2-Hexanone (MBK)	ND	20	2.2	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Isopropylbenzene (Cumene)	ND	2.0	0.22	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Methyl Acetate	ND	2.0	0.91	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Methyl Cyclohexane	ND	2.0	0.49	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Methylene Chloride	ND	10	0.47	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	2.6	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Styrene	ND	2.0	0.21	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Tetrachloroethylene	100	2.0	0.37	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Toluene	ND	2.0	0.45	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,2,3-Trichlorobenzene	ND	10	0.61	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,2,4-Trichlorobenzene	ND	2.0	0.50	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF

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

Project Location: 473 President St., Brooklyn, NY Sample Description: Work Order: 23A2674

Date Received: 1/26/2023

Field Sample #: HRP-MW-2 Sampled: 1/24/2023 14:20

Sample ID: 23A2674-03

Sample Matrix: Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	2.0	0.34	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,1,2-Trichloroethane	ND	2.0	0.37	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Trichloroethylene	0.52	2.0	0.38	µg/L	2	J	SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	0.35	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.45	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Vinyl Chloride	ND	4.0	0.42	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF
Xylenes (total)	ND	2.0	2.0	µg/L	2		SW-846 8260D	1/30/23	1/30/23 18:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		1/30/23 18:40
Toluene-d8	100	70-130		1/30/23 18:40
4-Bromofluorobenzene	96.3	70-130		1/30/23 18:40

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

Project Location: 473 President St., Brooklyn, NY Sample Description: Work Order: 23A2674

Date Received: 1/26/2023

Field Sample #: HRP-MW-4 Sampled: 1/24/2023 15:10

Sample ID: 23A2674-04

Sample Matrix: Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	4.1	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Benzene	ND	2.0	0.40	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Bromochloromethane	ND	2.0	0.61	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Bromodichloromethane	ND	1.0	0.36	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Bromoform	ND	2.0	0.77	µg/L	2	V-05	SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Bromomethane	ND	4.0	3.1	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
2-Butanone (MEK)	ND	40	3.2	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Carbon Disulfide	ND	10	2.9	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Carbon Tetrachloride	ND	10	0.33	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Chlorobenzene	ND	2.0	0.21	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Chlorodibromomethane	ND	1.0	0.44	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Chloroethane	ND	4.0	0.64	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Chloroform	0.76	4.0	0.34	µg/L	2	J	SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Chloromethane	ND	4.0	1.0	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Cyclohexane	ND	10	3.5	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.6	µg/L	2	V-05	SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,2-Dibromoethane (EDB)	ND	1.0	0.34	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,2-Dichlorobenzene	ND	2.0	0.24	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,3-Dichlorobenzene	ND	2.0	0.24	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,4-Dichlorobenzene	ND	2.0	0.26	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.38	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,1-Dichloroethane	ND	2.0	0.28	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,2-Dichloroethane	ND	2.0	0.62	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,1-Dichloroethylene	ND	2.0	0.28	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
cis-1,2-Dichloroethylene	0.94	2.0	0.29	µg/L	2	J	SW-846 8260D	1/30/23	1/30/23 19:07	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.34	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,2-Dichloropropane	ND	2.0	0.36	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
cis-1,3-Dichloropropene	ND	1.0	0.32	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
trans-1,3-Dichloropropene	ND	1.0	0.34	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,4-Dioxane	ND	100	41	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Ethylbenzene	ND	2.0	0.43	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
2-Hexanone (MBK)	ND	20	2.2	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Isopropylbenzene (Cumene)	ND	2.0	0.22	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Methyl Acetate	ND	2.0	0.91	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Methyl Cyclohexane	ND	2.0	0.49	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Methylene Chloride	ND	10	0.47	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	2.6	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Styrene	ND	2.0	0.21	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Tetrachloroethylene	100	2.0	0.37	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Toluene	ND	2.0	0.45	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,2,3-Trichlorobenzene	ND	10	0.61	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,2,4-Trichlorobenzene	ND	2.0	0.50	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF

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

Project Location: 473 President St., Brooklyn, NY Sample Description: Work Order: 23A2674

Date Received: 1/26/2023

Field Sample #: HRP-MW-4 Sampled: 1/24/2023 15:10

Sample ID: 23A2674-04

Sample Matrix: Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	2.0	0.34	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,1,2-Trichloroethane	ND	2.0	0.37	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Trichloroethylene	0.94	2.0	0.38	µg/L	2	J	SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	0.35	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.45	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Vinyl Chloride	ND	4.0	0.42	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF
Xylenes (total)	ND	2.0	2.0	µg/L	2		SW-846 8260D	1/30/23	1/30/23 19:07	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		1/30/23 19:07
Toluene-d8	94.4	70-130		1/30/23 19:07
4-Bromofluorobenzene	95.0	70-130		1/30/23 19:07

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

Project Location: 473 President St., Brooklyn, NY Sample Description: Work Order: 23A2674

Date Received: 1/26/2023

Field Sample #: Lab Trip Blank Sampled: 1/24/2023 13:30

Sample ID: 23A2674-05

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Benzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Bromochloromethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Bromodichloromethane	ND	0.50	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Bromoform	ND	1.0	0.38	µg/L	1	V-05	SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Carbon Disulfide	ND	5.0	1.4	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Chlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Chlorodibromomethane	ND	0.50	0.22	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Chloroethane	ND	2.0	0.32	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Chloroform	0.71	2.0	0.17	µg/L	1	J	SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Chloromethane	ND	2.0	0.52	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L	1	V-05	SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,2-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Ethylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
2-Hexanone (MBK)	ND	10	1.1	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Methyl Acetate	ND	1.0	0.45	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Methyl Cyclohexane	ND	1.0	0.24	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Methylene Chloride	ND	5.0	0.23	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Tetrachloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF

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

Project Location: 473 President St., Brooklyn, NY Sample Description: Work Order: 23A2674

Date Received: 1/26/2023

Field Sample #: Lab Trip Blank Sampled: 1/24/2023 13:30

Sample ID: 23A2674-05

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Trichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Vinyl Chloride	ND	2.0	0.21	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/30/23	1/30/23 11:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		1/30/23 11:33
Toluene-d8	93.8	70-130		1/30/23 11:33
4-Bromofluorobenzene	95.7	70-130		1/30/23 11:33

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Sample Extraction Data

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23A2674-01 [HRP-MW-5]	B329990	5	5.00	01/30/23
23A2674-02 [HRP-MW-3]	B329990	5	5.00	01/30/23
23A2674-03 [HRP-MW-2]	B329990	2.5	5.00	01/30/23
23A2674-04 [HRP-MW-4]	B329990	2.5	5.00	01/30/23
23A2674-05 [Lab Trip Blank]	B329990	5	5.00	01/30/23

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B329990 - SW-846 5030B										
Blank (B329990-BLK1)				Prepared & Analyzed: 01/30/23						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							V-05
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B329990 - SW-846 5030B												
Blank (B329990-BLK1)				Prepared & Analyzed: 01/30/23								
o-Xylene	ND	1.0	µg/L									
Xylenes (total)	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105		70-130				
Surrogate: Toluene-d8	*24.1*		µg/L	25.0		96.3		70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.4		70-130				
LCS (B329990-BS1)				Prepared & Analyzed: 01/30/23								
Acetone	106	50	µg/L	100		106		70-160				†
Benzene	10.9	1.0	µg/L	10.0		109		70-130				
Bromochloromethane	11.2	1.0	µg/L	10.0		112		70-130				
Bromodichloromethane	8.98	0.50	µg/L	10.0		89.8		70-130				
Bromoform	8.03	1.0	µg/L	10.0		80.3		70-130			V-05	
Bromomethane	11.2	2.0	µg/L	10.0		112		40-160				†
2-Butanone (MEK)	123	20	µg/L	100		123		40-160				†
Carbon Disulfide	101	5.0	µg/L	100		101		70-130				
Carbon Tetrachloride	9.17	5.0	µg/L	10.0		91.7		70-130				
Chlorobenzene	9.61	1.0	µg/L	10.0		96.1		70-130				
Chlorodibromomethane	7.98	0.50	µg/L	10.0		79.8		70-130				
Chloroethane	9.57	2.0	µg/L	10.0		95.7		70-130				
Chloroform	10.2	2.0	µg/L	10.0		102		70-130				
Chloromethane	24.3	2.0	µg/L	10.0		**243**	*	40-160			L-02, V-20	†
Cyclohexane	10.7	5.0	µg/L	10.0		107		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.48	5.0	µg/L	10.0		94.8		70-130			V-05	
1,2-Dibromoethane (EDB)	9.49	0.50	µg/L	10.0		94.9		70-130				
1,2-Dichlorobenzene	9.73	1.0	µg/L	10.0		97.3		70-130				
1,3-Dichlorobenzene	9.77	1.0	µg/L	10.0		97.7		70-130				
1,4-Dichlorobenzene	9.50	1.0	µg/L	10.0		95.0		70-130				
Dichlorodifluoromethane (Freon 12)	10.4	2.0	µg/L	10.0		104		40-160				†
1,1-Dichloroethane	10.2	1.0	µg/L	10.0		102		70-130				
1,2-Dichloroethane	9.46	1.0	µg/L	10.0		94.6		70-130				
1,1-Dichloroethylene	9.38	1.0	µg/L	10.0		93.8		70-130				
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130				
trans-1,2-Dichloroethylene	9.86	1.0	µg/L	10.0		98.6		70-130				
1,2-Dichloropropane	10.0	1.0	µg/L	10.0		100		70-130				
cis-1,3-Dichloropropene	9.10	0.50	µg/L	10.0		91.0		70-130				
trans-1,3-Dichloropropene	8.90	0.50	µg/L	10.0		89.0		70-130				
1,4-Dioxane	89.9	50	µg/L	100		89.9		40-130				†
Ethylbenzene	9.68	1.0	µg/L	10.0		96.8		70-130				
2-Hexanone (MBK)	102	10	µg/L	100		102		70-160				†
Isopropylbenzene (Cumene)	9.52	1.0	µg/L	10.0		95.2		70-130				
Methyl Acetate	11.9	1.0	µg/L	10.0		119		70-130				
Methyl tert-Butyl Ether (MTBE)	10.4	1.0	µg/L	10.0		104		70-130				
Methyl Cyclohexane	10.3	1.0	µg/L	10.0		103		70-130				
Methylene Chloride	9.99	5.0	µg/L	10.0		99.9		70-130				
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100		101		70-160				†
Styrene	9.76	1.0	µg/L	10.0		97.6		70-130				
1,1,2,2-Tetrachloroethane	9.80	0.50	µg/L	10.0		98.0		70-130				
Tetrachloroethylene	8.72	1.0	µg/L	10.0		87.2		70-130				
Toluene	9.26	1.0	µg/L	10.0		92.6		70-130				
1,2,3-Trichlorobenzene	10.2	5.0	µg/L	10.0		102		70-130				
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130				
1,1,1-Trichloroethane	9.68	1.0	µg/L	10.0		96.8		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B329990 - SW-846 5030B												
LCS (B329990-BS1)				Prepared & Analyzed: 01/30/23								
1,1,2-Trichloroethane	9.34	1.0	µg/L	10.0		93.4		70-130				
Trichloroethylene	9.49	1.0	µg/L	10.0		94.9		70-130				
Trichlorofluoromethane (Freon 11)	9.48	2.0	µg/L	10.0		94.8		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5	1.0	µg/L	10.0		105		70-130				
Vinyl Chloride	10.5	2.0	µg/L	10.0		105		40-160				†
m+p Xylene	19.3	2.0	µg/L	20.0		96.4		70-130				
o-Xylene	9.45	1.0	µg/L	10.0		94.5		70-130				
Xylenes (total)	28.7	1.0	µg/L	30.0		95.7		0-200				
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.2		70-130				
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.3		70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.4		70-130				
LCS Dup (B329990-BSD1)				Prepared & Analyzed: 01/30/23								
Acetone	105	50	µg/L	100		105		70-160	0.559	25		†
Benzene	11.2	1.0	µg/L	10.0		112		70-130	1.99	25		
Bromochloromethane	11.6	1.0	µg/L	10.0		116		70-130	3.59	25		
Bromodichloromethane	9.28	0.50	µg/L	10.0		92.8		70-130	3.29	25		
Bromoform	8.13	1.0	µg/L	10.0		81.3		70-130	1.24	25	V-05	
Bromomethane	11.3	2.0	µg/L	10.0		113		40-160	1.24	25		†
2-Butanone (MEK)	119	20	µg/L	100		119		40-160	3.75	25		†
Carbon Disulfide	103	5.0	µg/L	100		103		70-130	2.46	25		
Carbon Tetrachloride	9.74	5.0	µg/L	10.0		97.4		70-130	6.03	25		
Chlorobenzene	9.81	1.0	µg/L	10.0		98.1		70-130	2.06	25		
Chlorodibromomethane	8.43	0.50	µg/L	10.0		84.3		70-130	5.48	25		
Chloroethane	9.83	2.0	µg/L	10.0		98.3		70-130	2.68	25		
Chloroform	10.4	2.0	µg/L	10.0		104		70-130	1.65	25		
Chloromethane	25.1	2.0	µg/L	10.0		**251**	*	40-160	3.36	25	L-02, V-20	†
Cyclohexane	11.0	5.0	µg/L	10.0		110		70-130	2.58	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.77	5.0	µg/L	10.0		87.7		70-130	7.78	25	V-05	
1,2-Dibromoethane (EDB)	9.47	0.50	µg/L	10.0		94.7		70-130	0.211	25		
1,2-Dichlorobenzene	9.79	1.0	µg/L	10.0		97.9		70-130	0.615	25		
1,3-Dichlorobenzene	9.95	1.0	µg/L	10.0		99.5		70-130	1.83	25		
1,4-Dichlorobenzene	9.69	1.0	µg/L	10.0		96.9		70-130	1.98	25		
Dichlorodifluoromethane (Freon 12)	10.8	2.0	µg/L	10.0		108		40-160	4.34	25		†
1,1-Dichloroethane	10.3	1.0	µg/L	10.0		103		70-130	0.584	25		
1,2-Dichloroethane	9.64	1.0	µg/L	10.0		96.4		70-130	1.88	25		
1,1-Dichloroethylene	10.0	1.0	µg/L	10.0		100		70-130	6.80	25		
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105		70-130	2.91	25		
trans-1,2-Dichloroethylene	9.85	1.0	µg/L	10.0		98.5		70-130	0.101	25		
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106		70-130	5.04	25		
cis-1,3-Dichloropropene	9.45	0.50	µg/L	10.0		94.5		70-130	3.77	25		
trans-1,3-Dichloropropene	9.01	0.50	µg/L	10.0		90.1		70-130	1.23	25		
1,4-Dioxane	95.2	50	µg/L	100		95.2		40-130	5.69	50		† ‡
Ethylbenzene	9.94	1.0	µg/L	10.0		99.4		70-130	2.65	25		
2-Hexanone (MBK)	101	10	µg/L	100		101		70-160	0.865	25		†
Isopropylbenzene (Cumene)	9.79	1.0	µg/L	10.0		97.9		70-130	2.80	25		
Methyl Acetate	11.6	1.0	µg/L	10.0		116		70-130	2.04	25		
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.0		105		70-130	0.382	25		
Methyl Cyclohexane	11.6	1.0	µg/L	10.0		116		70-130	11.2	25		
Methylene Chloride	10.5	5.0	µg/L	10.0		105		70-130	5.07	25		
4-Methyl-2-pentanone (MIBK)	98.0	10	µg/L	100		98.0		70-160	3.24	25		†
Styrene	10.1	1.0	µg/L	10.0		101		70-130	3.52	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B329990 - SW-846 5030B										
LCS Dup (B329990-BSD1)				Prepared & Analyzed: 01/30/23						
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.0		101	70-130	2.72	25	
Tetrachloroethylene	9.37	1.0	µg/L	10.0		93.7	70-130	7.19	25	
Toluene	9.42	1.0	µg/L	10.0		94.2	70-130	1.71	25	
1,2,3-Trichlorobenzene	10.2	5.0	µg/L	10.0		102	70-130	0.489	25	
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	2.04	25	
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130	3.55	25	
1,1,2-Trichloroethane	9.56	1.0	µg/L	10.0		95.6	70-130	2.33	25	
Trichloroethylene	10.2	1.0	µg/L	10.0		102	70-130	7.51	25	
Trichlorofluoromethane (Freon 11)	9.90	2.0	µg/L	10.0		99.0	70-130	4.33	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5	1.0	µg/L	10.0		105	70-130	0.0955	25	
Vinyl Chloride	10.9	2.0	µg/L	10.0		109	40-160	3.09	25	†
m+p Xylene	19.7	2.0	µg/L	20.0		98.6	70-130	2.26	25	
o-Xylene	9.75	1.0	µg/L	10.0		97.5	70-130	3.13	25	
Xylenes (total)	29.5	1.0	µg/L	30.0		98.2	0-200	2.54		
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	*23.7*		µg/L	25.0		94.9	70-130			
Surrogate: 4-Bromofluorobenzene	*24.0*		µg/L	25.0		96.2	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
Xylenes (total)	ME,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2023
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2023

23A2674 KJM

con-test ANALYTICAL LABORATORY

http://www.contestlabs.com

Doc # 380 Rev 1_03242017

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD (New York)

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name:	HRP Associates
Address:	1 Fairchild Sq Ste #110, Clifton Park, NY
Phone:	518-877-7101
Project Name:	473 President St.
Project Location:	473 President St. Brooklyn, NY
Project Number:	PEC1035.P2
Project Manager:	David Stoll
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	SD

Requested Turnaround Time
7-Day [X] 10-Day [ ]
Due Date:

Rush-Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other: Equis
CLP Like Data Pkg Required: [ ]
Email To: Patrick.Montuori@hrpassociates.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	VOC EPA 8260	VOC EPA 8260	# of Containers
								2	3	[2] Preservation Code
								H	H	
								V	V	[3] Container Code
1	HRP-MW-5	1/24/23	8:25		X			X		
2	HRP-MW-3	1/24/23	13:30		X			~~X~~	X	
3	HRP-MW-2	1/24/23	14:20		X			X	X	
4	HRP-MW-4	1/24/23	15:10		X				X	
5	Lab Trip Blank							X		

Dissolved Metals Samples:
[ ] Field Filtered
[ ] Lab to Filter

Orthophosphate Samples:
[ ] Field Filtered
[ ] Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: Please provide CAT B Report & NYSDEC EQuIS Package
Send Copy to Ted.Wall@HRPAssociates.com

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	15:06 1/25/23
Received by: (signature)	Date/Time:
	1-25-23 1504
Relinquished by: (signature)	Date/Time:
	1-26-23 1505
Received by: (signature)	Date/Time:
	1-26-23 1505
Relinquished by: (signature)	Date/Time:
	1-26-23 1712
Received by: (signature)	Date/Time:
4.1	1/26/23 1712

Program & Regulatory Information
[ ] AWQ STDS [ ] NY TOGS
[ ] NYC Sewer Discharge [ ] NY CP-51
[ ] Part 360 GW (Landfill)
[ ] NY Restricted Use
[ ] NY Unrestricted Use
[ ] NY Part 375
Other:

Deliverables
[X] Enhanced Data Package
[X] NYSDEC EQuIS EDD
[ ] EQuIS (Standard) EDD
[ ] NY Regulatory EDD
[ ] NY Regs Hits-Only EDD
Other:

NELAC and AIHA-LAP, LLC Accredited

Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] 21 J [ ] School
[ ] City [ ] Brownfield [ ] MBTA

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F:413-525-6405
www.pacelabs.com

ENV-FRM-ELON-0001 v02__Sample Receiving Checklist 1-12-2023

Log In Back-Sheet

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

Pace
PEOPLE ADVANCING SCIENCE

Client HRP
Project 473 President St
MCP/RCP Required No
Deliverable Package Requirement Cat B
Location 473 President St, Brooklyn NY
PWSID# (When Applicable) NA
Arrival Method courier
Received By / Date / Time GL 11/26/23 1712
Back-Sheet By / Date / Time GL 11/26/23 2129
Temperature Method gun # 5
Temp < 6° C ☑ Actual Temperature 4.1
Rush Samples: Yes / ~~No~~ _____ Notify _____
Short Hold: Yes / (No) _____ Notify _____

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☑	☐
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑
Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper PH NA ☐ ☐

Notes regarding Samples/COC outside of SOP:

1 vial for sample MW-5 recieved broken

Container (Circle when applicable)	UnP	HCl	HNO3	H2SO4	NaOH	Trizma	NaS2O3	Other Preservative
1L Amber Plastic								
500 mL Amber Plastic								
250 mL Amber Plastic								
Other Amber Clear Plastic								
16oz Amber Clear								
8oz Amber Clear								
4oz Amber Clear								
2oz Amber Clear								
Col/Bacteria								
Flashpoint								
Plastic Bag								
SOC Kit								
Perchlorate								
Encore								
Frozen								

	Proper Headspace	UnP	HCl	MeOH	Bisulfate	DI	Thiosulfate	Sulfuric	Other
Vials	T		14						

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May 22, 2023

Marnie Chancey
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: 473 President St, Brooklyn, NY
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 23E1663

Enclosed are results of analyses for samples as received by the laboratory on May 11, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

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

NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Marnie Chancey

REPORT DATE: 5/22/2023

PURCHASE ORDER NUMBER: 145808

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23E1663

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 473 President St, Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-12S-5.9.23	23E1663-01	Ground Water		SW-846 8260D	
HRP-MW-1_5.9.23	23E1663-02	Ground Water		SW-846 8260D	
HRP-MW-5_5.9.23	23E1663-03	Ground Water		SW-846 8260D	
HRP-MW-3_5.9.23	23E1663-04	Ground Water		SW-846 8260D	
HRP-MW-4_5.9.23	23E1663-05	Ground Water		SW-846 8260D	
GW-7_5.10.23	23E1663-06	Ground Water		SW-846 8260D	
DUP-1	23E1663-07	Ground Water		SW-846 8260D	

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

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

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

SW-846 8260D

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Bromomethane
B340351-BS1

MS-07A

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

1,4-Dioxane
23E1663-06[GW-7_5.10.23], B340351-MS1, B340351-MSD1

Methyl Acetate
23E1663-06[GW-7_5.10.23], B340351-MS1, B340351-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Bromomethane
B340351-MS1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

2-Hexanone (MBK)
B340351-MSD1

4-Methyl-2-pentanone (MIBK)
B340351-MSD1

Chlorodibromomethane
B340351-MSD1

cis-1,3-Dichloropropene
B340351-MSD1

trans-1,3-Dichloropropene
B340351-MSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

23E1663-02[HRP-MW-1_5.9.23]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP)
23E1663-01[MW-12S-5.9.23], 23E1663-02[HRP-MW-1_5.9.23], 23E1663-03[HRP-MW-5_5.9.23], 23E1663-04[HRP-MW-3_5.9.23], 23E1663-05[HRP-MW-4_5.9.23], 23E1663-06[GW-7_5.10.23], 23E1663-07[DUP-1], B340351-BLK1, B340351-BS1, B340351-BSD1, B340351-MS1, B340351-MSD1, S087537-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

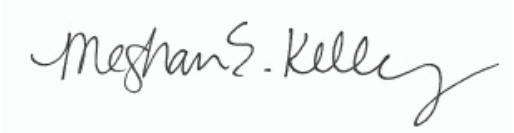
Analyte & Samples(s) Qualified:

1,1-Dichloroethane
B340351-BS1, B340351-BSD1, B340351-MS1, B340351-MSD1, S087537-CCV1

Bromomethane
B340351-BS1, B340351-BSD1, B340351-MS1, B340351-MSD1, S087537-CCV1

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

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

con-test® A Pace Analytical® Laboratory
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: MW-12S-5.9.23 | Sampled: 5/9/2023 11:05

Sample ID: 23E1663-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.1	50	2.0	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
cis-1,2-Dichloroethylene	3.5	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: MW-12S-5.9.23 | Sampled: 5/9/2023 11:05

Sample ID: 23E1663-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Trichloroethylene	2.4	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.9	70-130		5/17/23 3:01
Toluene-d8	98.6	70-130		5/17/23 3:01
4-Bromofluorobenzene	91.3	70-130		5/17/23 3:01

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: HRP-MW-1_5.9.23 | Sampled: 5/9/2023 12:41

Sample ID: 23E1663-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50000	2000	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Benzene	ND	1000	180	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Bromochloromethane	ND	1000	280	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Bromodichloromethane	ND	500	160	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Bromoform	ND	1000	410	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Bromomethane	ND	2000	1300	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
2-Butanone (MEK)	ND	20000	1700	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Carbon Disulfide	ND	5000	1600	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Carbon Tetrachloride	ND	5000	160	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Chlorobenzene	ND	1000	120	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Chlorodibromomethane	ND	500	200	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Chloroethane	ND	2000	340	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Chloroform	ND	2000	140	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Chloromethane	ND	2000	500	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Cyclohexane	ND	5000	1800	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5000	850	µg/L	1000	V-05	SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,2-Dibromoethane (EDB)	ND	500	160	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,2-Dichlorobenzene	ND	1000	130	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,3-Dichlorobenzene	ND	1000	140	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,4-Dichlorobenzene	ND	1000	130	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2000	160	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,1-Dichloroethane	ND	1000	140	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,2-Dichloroethane	ND	1000	300	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,1-Dichloroethylene	ND	1000	140	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
cis-1,2-Dichloroethylene	8500	1000	140	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
trans-1,2-Dichloroethylene	ND	1000	170	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,2-Dichloropropane	ND	1000	190	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
cis-1,3-Dichloropropene	ND	500	160	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
trans-1,3-Dichloropropene	ND	500	140	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,4-Dioxane	ND	50000	18000	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Ethylbenzene	ND	1000	220	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
2-Hexanone (MBK)	ND	10000	1200	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Isopropylbenzene (Cumene)	ND	1000	150	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Methyl Acetate	ND	1000	610	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1000	170	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Methyl Cyclohexane	ND	1000	160	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Methylene Chloride	ND	5000	180	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10000	1300	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Styrene	ND	1000	150	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,1,2,2-Tetrachloroethane	ND	500	140	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Tetrachloroethylene	ND	1000	170	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Toluene	ND	1000	220	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,2,3-Trichlorobenzene	ND	5000	340	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,2,4-Trichlorobenzene	ND	1000	300	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: HRP-MW-1_5.9.23 | Sampled: 5/9/2023 12:41

Sample ID: 23E1663-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1000	150	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,1,2-Trichloroethane	ND	1000	190	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Trichloroethylene	58000	1000	170	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2000	150	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1000	210	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Vinyl Chloride	ND	2000	240	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF
Xylenes (total)	ND	1000	1000	µg/L	1000		SW-846 8260D	5/16/23	5/17/23 7:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	83.7	70-130		5/17/23	7:01
Toluene-d8	97.0	70-130		5/17/23	7:01
4-Bromofluorobenzene	90.4	70-130		5/17/23	7:01

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: HRP-MW-5_5.9.23 | Sampled: 5/9/2023 13:57

Sample ID: 23E1663-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
cis-1,2-Dichloroethylene	0.79	1.0	0.14	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 3:28	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Methyl Cyclohexane	0.79	1.0	0.16	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Tetrachloroethylene	3.6	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: HRP-MW-5_5.9.23 | Sampled: 5/9/2023 13:57

Sample ID: 23E1663-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Trichloroethylene	0.90	1.0	0.17	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:28	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.2	70-130		5/17/23 3:28
Toluene-d8	99.2	70-130		5/17/23 3:28
4-Bromofluorobenzene	90.0	70-130		5/17/23 3:28

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: HRP-MW-3_5.9.23 | Sampled: 5/9/2023 15:12

Sample ID: 23E1663-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.7	50	2.0	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Methyl tert-Butyl Ether (MTBE)	1.9	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: HRP-MW-3_5.9.23 | Sampled: 5/9/2023 15:12

Sample ID: 23E1663-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	5/16/23	5/17/23 3:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.8	70-130		5/17/23 3:54
Toluene-d8	94.6	70-130		5/17/23 3:54
4-Bromofluorobenzene	91.5	70-130		5/17/23 3:54

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: HRP-MW-4_5.9.23 | Sampled: 5/10/2023 16:38

Sample ID: 23E1663-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.4	50	2.0	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
cis-1,2-Dichloroethylene	3.6	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Tetrachloroethylene	14	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: HRP-MW-4_5.9.23 | Sampled: 5/10/2023 16:38

Sample ID: 23E1663-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Trichloroethylene	2.6	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:21	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.6	70-130		5/17/23	4:21
Toluene-d8	97.9	70-130		5/17/23	4:21
4-Bromofluorobenzene	90.0	70-130		5/17/23	4:21

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: GW-7_5.10.23 | Sampled: 5/10/2023 12:00

Sample ID: 23E1663-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Benzene	1.3	1.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,4-Dioxane	ND	50	18	µg/L	1	MS-07A	SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Ethylbenzene	0.73	1.0	0.22	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 4:48	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	MS-07A	SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Methyl tert-Butyl Ether (MTBE)	24	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Toluene	0.72	1.0	0.22	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: GW-7_5.10.23 | Sampled: 5/10/2023 12:00

Sample ID: 23E1663-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	5/16/23	5/17/23 4:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.2	70-130		5/17/23 4:48
Toluene-d8	81.5	70-130		5/17/23 4:48
4-Bromofluorobenzene	90.6	70-130		5/17/23 4:48

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: DUP-1 | Sampled: 5/9/2023 00:00

Sample ID: 23E1663-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Benzene	1.2	1.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05	SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Ethylbenzene	0.75	1.0	0.22	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 5:14	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Methyl tert-Butyl Ether (MTBE)	24	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Methyl Cyclohexane	0.31	1.0	0.16	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Toluene	0.77	1.0	0.22	µg/L	1	J	SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 23E1663

Date Received: 5/11/2023

Field Sample #: DUP-1 | Sampled: 5/9/2023 00:00

Sample ID: 23E1663-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	5/16/23	5/17/23 5:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		5/17/23 5:14
Toluene-d8	92.6	70-130		5/17/23 5:14
4-Bromofluorobenzene	94.0	70-130		5/17/23 5:14

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Sample Extraction Data

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23E1663-01 [MW-12S-5.9.23]	B340351	5	5.00	05/16/23
23E1663-02 [HRP-MW-1_5.9.23]	B340351	0.005	5.00	05/16/23
23E1663-03 [HRP-MW-5_5.9.23]	B340351	5	5.00	05/16/23
23E1663-04 [HRP-MW-3_5.9.23]	B340351	5	5.00	05/16/23
23E1663-05 [HRP-MW-4_5.9.23]	B340351	5	5.00	05/16/23
23E1663-06 [GW-7_5.10.23]	B340351	5	5.00	05/16/23
23E1663-07 [DUP-1]	B340351	5	5.00	05/16/23

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B340351 - SW-846 5030B										
Blank (B340351-BLK1)				Prepared & Analyzed: 05/16/23						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B340351 - SW-846 5030B												
Blank (B340351-BLK1)				Prepared & Analyzed: 05/16/23								
o-Xylene	ND	1.0	µg/L									
Xylenes (total)	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*24.3*		µg/L	25.0		97.2		70-130				
Surrogate: Toluene-d8	*24.5*		µg/L	25.0		98.1		70-130				
Surrogate: 4-Bromofluorobenzene	*22.8*		µg/L	25.0		91.1		70-130				
LCS (B340351-BS1)				Prepared & Analyzed: 05/16/23								
Acetone	107	50	µg/L	100		107		70-160				†
Benzene	10.4	1.0	µg/L	10.0		104		70-130				
Bromochloromethane	11.5	1.0	µg/L	10.0		115		70-130				
Bromodichloromethane	10.2	0.50	µg/L	10.0		102		70-130				
Bromoform	8.06	1.0	µg/L	10.0		80.6		70-130				
Bromomethane	16.1	2.0	µg/L	10.0		**161**	*	40-160			L-07, V-20	†
2-Butanone (MEK)	118	20	µg/L	100		118		40-160				†
Carbon Disulfide	112	5.0	µg/L	100		112		70-130				
Carbon Tetrachloride	9.68	5.0	µg/L	10.0		96.8		70-130				
Chlorobenzene	10.9	1.0	µg/L	10.0		109		70-130				
Chlorodibromomethane	9.59	0.50	µg/L	10.0		95.9		70-130				
Chloroethane	11.3	2.0	µg/L	10.0		113		70-130				
Chloroform	10.2	2.0	µg/L	10.0		102		70-130				
Chloromethane	9.43	2.0	µg/L	10.0		94.3		40-160				†
Cyclohexane	9.62	5.0	µg/L	10.0		96.2		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.75	5.0	µg/L	10.0		77.5		70-130			V-05	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102		70-130				
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130				
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0		105		70-130				
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130				
Dichlorodifluoromethane (Freon 12)	9.28	2.0	µg/L	10.0		92.8		40-160				†
1,1-Dichloroethane	12.2	1.0	µg/L	10.0		122		70-130			V-20	
1,2-Dichloroethane	10.2	1.0	µg/L	10.0		102		70-130				
1,1-Dichloroethylene	11.4	1.0	µg/L	10.0		114		70-130				
cis-1,2-Dichloroethylene	12.2	1.0	µg/L	10.0		122		70-130				
trans-1,2-Dichloroethylene	11.4	1.0	µg/L	10.0		114		70-130				
1,2-Dichloropropane	9.95	1.0	µg/L	10.0		99.5		70-130				
cis-1,3-Dichloropropene	9.70	0.50	µg/L	10.0		97.0		70-130				
trans-1,3-Dichloropropene	9.43	0.50	µg/L	10.0		94.3		70-130				
1,4-Dioxane	76.3	50	µg/L	100		76.3		40-130				†
Ethylbenzene	10.6	1.0	µg/L	10.0		106		70-130				
2-Hexanone (MBK)	77.0	10	µg/L	100		77.0		70-160				†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101		70-130				
Methyl Acetate	9.47	1.0	µg/L	10.0		94.7		70-130				
Methyl tert-Butyl Ether (MTBE)	11.1	1.0	µg/L	10.0		111		70-130				
Methyl Cyclohexane	10.0	1.0	µg/L	10.0		100		70-130				
Methylene Chloride	12.0	5.0	µg/L	10.0		120		70-130				
4-Methyl-2-pentanone (MIBK)	84.0	10	µg/L	100		84.0		70-160				†
Styrene	10.6	1.0	µg/L	10.0		106		70-130				
1,1,2,2-Tetrachloroethane	9.13	0.50	µg/L	10.0		91.3		70-130				
Tetrachloroethylene	10.9	1.0	µg/L	10.0		109		70-130				
Toluene	10.6	1.0	µg/L	10.0		106		70-130				
1,2,3-Trichlorobenzene	8.93	5.0	µg/L	10.0		89.3		70-130				
1,2,4-Trichlorobenzene	9.18	1.0	µg/L	10.0		91.8		70-130				
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B340351 - SW-846 5030B											
LCS (B340351-BS1)				Prepared & Analyzed: 05/16/23							
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130				
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130				
Trichlorofluoromethane (Freon 11)	11.7	2.0	µg/L	10.0		117	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0	1.0	µg/L	10.0		120	70-130				
Vinyl Chloride	10.7	2.0	µg/L	10.0		107	40-160				†
m+p Xylene	21.4	2.0	µg/L	20.0		107	70-130				
o-Xylene	10.3	1.0	µg/L	10.0		103	70-130				
Xylenes (total)	31.6	1.0	µg/L	30.0		105	0-200				
Surrogate: 1,2-Dichloroethane-d4	*24.6*		µg/L	25.0		98.3	70-130				
Surrogate: Toluene-d8	*25.7*		µg/L	25.0		103	70-130				
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.1	70-130				
LCS Dup (B340351-BSD1)				Prepared & Analyzed: 05/16/23							
Acetone	108	50	µg/L	100		108	70-160	0.863	25		†
Benzene	10.4	1.0	µg/L	10.0		104	70-130	0.289	25		
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130	0.347	25		
Bromodichloromethane	9.96	0.50	µg/L	10.0		99.6	70-130	2.09	25		
Bromoform	8.12	1.0	µg/L	10.0		81.2	70-130	0.742	25		
Bromomethane	16.0	2.0	µg/L	10.0		160	40-160	0.249	25	V-20	†
2-Butanone (MEK)	118	20	µg/L	100		118	40-160	0.424	25		†
Carbon Disulfide	111	5.0	µg/L	100		111	70-130	1.24	25		
Carbon Tetrachloride	9.33	5.0	µg/L	10.0		93.3	70-130	3.68	25		
Chlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	0.277	25		
Chlorodibromomethane	9.71	0.50	µg/L	10.0		97.1	70-130	1.24	25		
Chloroethane	11.1	2.0	µg/L	10.0		111	70-130	1.96	25		
Chloroform	10.4	2.0	µg/L	10.0		104	70-130	2.03	25		
Chloromethane	9.31	2.0	µg/L	10.0		93.1	40-160	1.28	25		†
Cyclohexane	9.35	5.0	µg/L	10.0		93.5	70-130	2.85	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.15	5.0	µg/L	10.0		81.5	70-130	5.03	25	V-05	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102	70-130	0.196	25		
1,2-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130	2.50	25		
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	1.70	25		
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	2.40	25		
Dichlorodifluoromethane (Freon 12)	8.88	2.0	µg/L	10.0		88.8	40-160	4.41	25		†
1,1-Dichloroethane	12.3	1.0	µg/L	10.0		123	70-130	1.06	25	V-20	
1,2-Dichloroethane	10.1	1.0	µg/L	10.0		101	70-130	0.789	25		
1,1-Dichloroethylene	11.3	1.0	µg/L	10.0		113	70-130	1.41	25		
cis-1,2-Dichloroethylene	11.8	1.0	µg/L	10.0		118	70-130	3.92	25		
trans-1,2-Dichloroethylene	11.4	1.0	µg/L	10.0		114	70-130	0.263	25		
1,2-Dichloropropane	10.4	1.0	µg/L	10.0		104	70-130	4.04	25		
cis-1,3-Dichloropropene	9.81	0.50	µg/L	10.0		98.1	70-130	1.13	25		
trans-1,3-Dichloropropene	9.67	0.50	µg/L	10.0		96.7	70-130	2.51	25		
1,4-Dioxane	80.6	50	µg/L	100		80.6	40-130	5.57	50		† ‡
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	1.43	25		
2-Hexanone (MBK)	81.3	10	µg/L	100		81.3	70-160	5.33	25		†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101	70-130	0.00	25		
Methyl Acetate	9.64	1.0	µg/L	10.0		96.4	70-130	1.78	25		
Methyl tert-Butyl Ether (MTBE)	11.1	1.0	µg/L	10.0		111	70-130	0.270	25		
Methyl Cyclohexane	10.3	1.0	µg/L	10.0		103	70-130	2.46	25		
Methylene Chloride	11.8	5.0	µg/L	10.0		118	70-130	2.02	25		
4-Methyl-2-pentanone (MIBK)	85.3	10	µg/L	100		85.3	70-160	1.58	25		†
Styrene	10.5	1.0	µg/L	10.0		105	70-130	0.951	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B340351 - SW-846 5030B											
LCS Dup (B340351-BSD1)				Prepared & Analyzed: 05/16/23							
1,1,2,2-Tetrachloroethane	9.10	0.50	µg/L	10.0		91.0		70-130	0.329	25	
Tetrachloroethylene	10.6	1.0	µg/L	10.0		106		70-130	2.61	25	
Toluene	10.8	1.0	µg/L	10.0		108		70-130	1.22	25	
1,2,3-Trichlorobenzene	9.15	5.0	µg/L	10.0		91.5		70-130	2.43	25	
1,2,4-Trichlorobenzene	9.49	1.0	µg/L	10.0		94.9		70-130	3.32	25	
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101		70-130	0.197	25	
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104		70-130	0.865	25	
Trichloroethylene	10.4	1.0	µg/L	10.0		104		70-130	3.77	25	
Trichlorofluoromethane (Freon 11)	11.3	2.0	µg/L	10.0		113		70-130	3.13	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0	1.0	µg/L	10.0		120		70-130	0.250	25	
Vinyl Chloride	10.4	2.0	µg/L	10.0		104		40-160	3.33	25	†
m+p Xylene	20.6	2.0	µg/L	20.0		103		70-130	3.48	25	
o-Xylene	10.2	1.0	µg/L	10.0		102		70-130	0.587	25	
Xylenes (total)	30.8	1.0	µg/L	30.0		103		0-200	2.53		
Surrogate: 1,2-Dichloroethane-d4	*23.7*		µg/L	25.0		95.0		70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102		70-130			
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.2		70-130			
Matrix Spike (B340351-MS1)	**Source: 23E1663-06**			Prepared: 05/16/23 Analyzed: 05/17/23							
Acetone	78.3	50	µg/L	100	ND	78.3		70-130			
Benzene	9.36	1.0	µg/L	10.0	1.26	81.0		70-130			
Bromochloromethane	10.2	1.0	µg/L	10.0	ND	102		70-130			
Bromodichloromethane	8.95	0.50	µg/L	10.0	ND	89.5		70-130			
Bromoform	7.17	1.0	µg/L	10.0	ND	71.7		70-130			
Bromomethane	13.2	2.0	µg/L	10.0	ND	**132**	*	70-130			MS-22, V-20
2-Butanone (MEK)	89.5	20	µg/L	100	ND	89.5		70-130			
Carbon Disulfide	87.2	5.0	µg/L	100	ND	87.2		70-130			
Carbon Tetrachloride	9.58	5.0	µg/L	10.0	ND	95.8		70-130			
Chlorobenzene	9.67	1.0	µg/L	10.0	ND	96.7		70-130			
Chlorodibromomethane	8.25	0.50	µg/L	10.0	ND	82.5		70-130			
Chloroethane	9.35	2.0	µg/L	10.0	ND	93.5		70-130			
Chloroform	9.62	2.0	µg/L	10.0	ND	96.2		70-130			
Chloromethane	7.15	2.0	µg/L	10.0	ND	71.5		70-130			
Cyclohexane	9.77	5.0	µg/L	10.0	ND	97.7		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.27	5.0	µg/L	10.0	ND	72.7		70-130			V-05
1,2-Dibromoethane (EDB)	9.17	0.50	µg/L	10.0	ND	91.7		70-130			
1,2-Dichlorobenzene	8.98	1.0	µg/L	10.0	ND	89.8		70-130			
1,3-Dichlorobenzene	8.87	1.0	µg/L	10.0	ND	88.7		70-130			
1,4-Dichlorobenzene	8.55	1.0	µg/L	10.0	ND	85.5		70-130			
Dichlorodifluoromethane (Freon 12)	7.43	2.0	µg/L	10.0	ND	74.3		70-130			
1,1-Dichloroethane	9.48	1.0	µg/L	10.0	ND	94.8		70-130			V-20
1,2-Dichloroethane	9.12	1.0	µg/L	10.0	ND	91.2		70-130			
1,1-Dichloroethylene	9.07	1.0	µg/L	10.0	ND	90.7		70-130			
cis-1,2-Dichloroethylene	8.83	1.0	µg/L	10.0	ND	88.3		70-130			
trans-1,2-Dichloroethylene	8.87	1.0	µg/L	10.0	ND	88.7		70-130			
1,2-Dichloropropane	9.15	1.0	µg/L	10.0	ND	91.5		70-130			
cis-1,3-Dichloropropene	8.08	0.50	µg/L	10.0	ND	80.8		70-130			
trans-1,3-Dichloropropene	7.55	0.50	µg/L	10.0	ND	75.5		70-130			
1,4-Dioxane	66.7	50	µg/L	100	ND	**66.7**	*	70-130			MS-07A
Ethylbenzene	10.3	1.0	µg/L	10.0	0.730	95.7		70-130			
2-Hexanone (MBK)	76.4	10	µg/L	100	ND	76.4		70-130			
Isopropylbenzene (Cumene)	9.21	1.0	µg/L	10.0	ND	92.1		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B340351 - SW-846 5030B											
Matrix Spike (B340351-MS1)	**Source: 23E1663-06**			Prepared: 05/16/23 Analyzed: 05/17/23							
Methyl Acetate	4.81	1.0	µg/L	10.0	ND	**48.1**	*	70-130			MS-07A
Methyl tert-Butyl Ether (MTBE)	32.8	1.0	µg/L	10.0	24.1	86.8		70-130			
Methyl Cyclohexane	9.25	1.0	µg/L	10.0	ND	92.5		70-130			
Methylene Chloride	9.25	5.0	µg/L	10.0	ND	92.5		70-130			
4-Methyl-2-pentanone (MIBK)	76.7	10	µg/L	100	ND	76.7		70-130			
Styrene	8.97	1.0	µg/L	10.0	ND	89.7		70-130			
1,1,2,2-Tetrachloroethane	8.43	0.50	µg/L	10.0	ND	84.3		70-130			
Tetrachloroethylene	9.74	1.0	µg/L	10.0	ND	97.4		70-130			
Toluene	10.5	1.0	µg/L	10.0	0.720	97.7		70-130			
1,2,3-Trichlorobenzene	7.56	5.0	µg/L	10.0	ND	75.6		70-130			
1,2,4-Trichlorobenzene	7.55	1.0	µg/L	10.0	ND	75.5		70-130			
1,1,1-Trichloroethane	9.26	1.0	µg/L	10.0	ND	92.6		70-130			
1,1,2-Trichloroethane	9.46	1.0	µg/L	10.0	ND	94.6		70-130			
Trichloroethylene	9.66	1.0	µg/L	10.0	ND	96.6		70-130			
Trichlorofluoromethane (Freon 11)	9.38	2.0	µg/L	10.0	ND	93.8		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.31	1.0	µg/L	10.0	ND	93.1		70-130			
Vinyl Chloride	8.42	2.0	µg/L	10.0	ND	84.2		70-130			
m+p Xylene	19.2	2.0	µg/L	20.0	0.530	93.1		70-130			
o-Xylene	9.34	1.0	µg/L	10.0	0.260	90.8		70-130			
Xylenes (total)	28.5	1.0	µg/L	30.0	ND	95.0		0-200			
Surrogate: 1,2-Dichloroethane-d4	*21.4*		µg/L	25.0		85.6		70-130			
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102		70-130			
Surrogate: 4-Bromofluorobenzene	*23.6*		µg/L	25.0		94.6		70-130			
Matrix Spike Dup (B340351-MSD1)	**Source: 23E1663-06**			Prepared: 05/16/23 Analyzed: 05/17/23							
Acetone	90.9	50	µg/L	100	ND	90.9		70-130	14.9	30	
Benzene	11.4	1.0	µg/L	10.0	1.26	101		70-130	19.5	30	
Bromochloromethane	10.3	1.0	µg/L	10.0	ND	103		70-130	1.07	30	
Bromodichloromethane	7.33	0.50	µg/L	10.0	ND	73.3		70-130	19.9	30	
Bromoform	7.43	1.0	µg/L	10.0	ND	74.3		70-130	3.56	30	
Bromomethane	12.7	2.0	µg/L	10.0	ND	127		70-130	3.77	30	V-20
2-Butanone (MEK)	91.4	20	µg/L	100	ND	91.4		70-130	2.06	30	
Carbon Disulfide	87.1	5.0	µg/L	100	ND	87.1		70-130	0.138	30	
Carbon Tetrachloride	9.25	5.0	µg/L	10.0	ND	92.5		70-130	3.51	30	
Chlorobenzene	9.74	1.0	µg/L	10.0	ND	97.4		70-130	0.721	30	
Chlorodibromomethane	6.74	0.50	µg/L	10.0	ND	**67.4**	*	70-130	20.1	30	MS-24
Chloroethane	9.28	2.0	µg/L	10.0	ND	92.8		70-130	0.751	30	
Chloroform	9.51	2.0	µg/L	10.0	ND	95.1		70-130	1.15	30	
Chloromethane	7.04	2.0	µg/L	10.0	ND	70.4		70-130	1.55	30	
Cyclohexane	9.58	5.0	µg/L	10.0	ND	95.8		70-130	1.96	30	
1,2-Dibromo-3-chloropropane (DBCP)	7.41	5.0	µg/L	10.0	ND	74.1		70-130	1.91	30	V-05
1,2-Dibromoethane (EDB)	7.58	0.50	µg/L	10.0	ND	75.8		70-130	19.0	30	
1,2-Dichlorobenzene	9.05	1.0	µg/L	10.0	ND	90.5		70-130	0.776	30	
1,3-Dichlorobenzene	9.01	1.0	µg/L	10.0	ND	90.1		70-130	1.57	30	
1,4-Dichlorobenzene	8.44	1.0	µg/L	10.0	ND	84.4		70-130	1.29	30	
Dichlorodifluoromethane (Freon 12)	7.61	2.0	µg/L	10.0	ND	76.1		70-130	2.39	30	
1,1-Dichloroethane	9.43	1.0	µg/L	10.0	ND	94.3		70-130	0.529	30	V-20
1,2-Dichloroethane	8.78	1.0	µg/L	10.0	ND	87.8		70-130	3.80	30	
1,1-Dichloroethylene	9.16	1.0	µg/L	10.0	ND	91.6		70-130	0.987	30	
cis-1,2-Dichloroethylene	8.72	1.0	µg/L	10.0	ND	87.2		70-130	1.25	30	
trans-1,2-Dichloroethylene	8.89	1.0	µg/L	10.0	ND	88.9		70-130	0.225	30	
1,2-Dichloropropane	7.83	1.0	µg/L	10.0	ND	78.3		70-130	15.5	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B340351 - SW-846 5030B											
Matrix Spike Dup (B340351-MSD1)	**Source: 23E1663-06**			Prepared: 05/16/23 Analyzed: 05/17/23							
cis-1,3-Dichloropropene	6.65	0.50	µg/L	10.0	ND	**66.5**	*	70-130	19.4	30	MS-24
trans-1,3-Dichloropropene	6.54	0.50	µg/L	10.0	ND	**65.4**	*	70-130	14.3	30	MS-24
1,4-Dioxane	61.0	50	µg/L	100	ND	**61.0**	*	70-130	8.98	30	MS-07A
Ethylbenzene	10.3	1.0	µg/L	10.0	0.730	95.4		70-130	0.292	30	
2-Hexanone (MBK)	65.6	10	µg/L	100	ND	**65.6**	*	70-130	15.3	30	MS-24
Isopropylbenzene (Cumene)	9.34	1.0	µg/L	10.0	ND	93.4		70-130	1.40	30	
Methyl Acetate	5.03	1.0	µg/L	10.0	ND	**50.3**	*	70-130	4.47	30	MS-07A
Methyl tert-Butyl Ether (MTBE)	32.6	1.0	µg/L	10.0	24.1	85.0		70-130	0.550	30	
Methyl Cyclohexane	8.13	1.0	µg/L	10.0	ND	81.3		70-130	12.9	30	
Methylene Chloride	8.93	5.0	µg/L	10.0	ND	89.3		70-130	3.52	30	
4-Methyl-2-pentanone (MIBK)	68.1	10	µg/L	100	ND	**68.1**	*	70-130	11.9	30	MS-24
Styrene	9.09	1.0	µg/L	10.0	ND	90.9		70-130	1.33	30	
1,1,2,2-Tetrachloroethane	8.59	0.50	µg/L	10.0	ND	85.9		70-130	1.88	30	
Tetrachloroethylene	8.26	1.0	µg/L	10.0	ND	82.6		70-130	16.4	30	
Toluene	8.76	1.0	µg/L	10.0	0.720	80.4		70-130	18.0	30	
1,2,3-Trichlorobenzene	8.17	5.0	µg/L	10.0	ND	81.7		70-130	7.76	30	
1,2,4-Trichlorobenzene	8.17	1.0	µg/L	10.0	ND	81.7		70-130	7.89	30	
1,1,1-Trichloroethane	9.41	1.0	µg/L	10.0	ND	94.1		70-130	1.61	30	
1,1,2-Trichloroethane	7.44	1.0	µg/L	10.0	ND	74.4		70-130	23.9	30	
Trichloroethylene	8.62	1.0	µg/L	10.0	ND	86.2		70-130	11.4	30	
Trichlorofluoromethane (Freon 11)	9.31	2.0	µg/L	10.0	ND	93.1		70-130	0.749	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.32	1.0	µg/L	10.0	ND	93.2		70-130	0.107	30	
Vinyl Chloride	8.30	2.0	µg/L	10.0	ND	83.0		70-130	1.44	30	
m+p Xylene	19.4	2.0	µg/L	20.0	0.530	94.4		70-130	1.30	20	
o-Xylene	9.30	1.0	µg/L	10.0	0.260	90.4		70-130	0.429	30	
Xylenes (total)	28.7	1.0	µg/L	30.0	ND	95.7		0-200	0.734		
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		97.9		70-130			
Surrogate: Toluene-d8	*21.2*		µg/L	25.0		84.7		70-130			
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.5		70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
Xylenes (total)	ME,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2023

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23E1663

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name:	HRP Associates
Address:	1 Fairchild Square, Clifton Park NY
Phone:	518-877-7101
Project Name:	473 President Street - offsite
Project Location:	Brooklyn, NY
Project Number:	DEC1035.P2
Project Manager:	Patrick Montuori
Pace Analytical Quote Name/Number	
Invoice Recipient:	
Sampled By:	RL

Requested Turnaround Time
7-Day [X] 10-Day [ ]
Due Date:

Rush-Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other: EQuIS
CLP Like Data Pkg Required: [ ]
Email To: Patrick.Montuori@HRPAssociates.com
Fax To #:

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	ANALYSIS REQUESTED: VOCs TCL +10, EPA 8260	# of Containers	Preservation Code	Container Code
1	MW-12S_5.9.23	5/9/23	1105		X	GW	U	X	27	H	V
2	HRP-MW-1_5.9.23		1241		X			X			
3	HRP-MW-5_5.9.23		1357		X			X			
4	HRP-MW-3_5.9.23		1512		X			X			
5	HRP-MW-4_5.9.23	5/9/23	1638		X			X			
6	GW-7_5.10.23	5/10/23	1200		X	GW	U	X			
7	DUP-1	—	—		X	GW	U	X			

Dissolved Metals Samples
[ ] Field Filtered
[ ] Lab to Filter

Orthophosphate Samples
[ ] Field Filtered
[ ] Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: Please Provide a CAT B Report
Please Send a copy of all data to Ted.Wall@HRPAssociates.com
MS/MSD collected at GW-7_5.10.23

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 5/11/23 0945	
Received by: (signature) PACE	Date/Time: 5-11-23 0945	
Relinquished by: (signature) PACE	Date/Time: 5-11-23 1430	
Received by: (signature) PACE	Date/Time: 5-11-23 1730	
Relinquished by: (signature) PACE	Date/Time: 5-11-23 1510	
Received by: (signature)	Date/Time: 5/11/23 1520	

EC4 NN 2.4 5/11/23 1640

Program & Regulatory Information
[ ] AWQ STDS [ ] NY TOGS
[ ] NYC Sewer Discharge [ ] NY CP-51
[ ] Part 360 GW (Landfill)
[ ] NY Restricted Use
[ ] NY Unrestricted Use
[ ] NY Part 375
Other:

Deliverables
[ ] Enhanced Data Package
[ ] NYSDEC EQuIS EDD
[ ] EQuIS (Standard) EDD
[ ] NY Regulatory EDD
[ ] NY Regs Hits-Only EDD
Other:
NELAC and AIHA-LAP, LLC Accredited

Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] 21 J [ ] School
[ ] City [ ] Brownfield [ ] MBTA

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F:413-525-6405
www.pacelabs.com

ENV-FRM-ELON-0009V02__Sample Receiving Checklist 1-12-2[illegible]

Log In Back-Sheet

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

Pace® PEOPLE ADVANCING SCIENCE

Client HRP Associates

Project 473 President Street - offsite

MCP/RCP Required N/A

Deliverable Package Req. CAT B

Location Brooklyn, NY

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐ _____

Received By / Date / Time EGR | 5-11-23 | 1640

Back-Sheet By / Date / Time AAM | 5-12-23 | 0925

Temperature Method Temp. Gun # 3

Temp ☑ < 6° C Actual Temperature _____

Rush Samples: Yes / (No) Notify _____

Short Hold: Yes / (No) Notify _____

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☑	☐
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

Notes regarding Samples/COC outside of SOP:

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A) ☐ ☐

Container (Circle when applicable)	UnP	HCl	HNO3	H2SO4	NaOH	Trizma	NaS2O3	Other Preservative
1L Amber Plastic								
500 mL Amber Plastic								
250 mL Amber Plastic								
Other Amber Clear Plastic								
16oz Amber Clear								
8oz Amber Clear								
4oz Amber Clear								
2oz Amber Clear								
Col/Bacteria								
Flashpoint								
Plastic Bag								
SOC Kit								
Perchlorate								
Encore								
Frozen								

	Proper Headspace	UnP	HCl	MeOH	Bisulfate	DI	Thiosulfate	Sulfuric	Other
Vials			27						

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May 2, 2024

Marnie Chancey
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: 473 President St Brooklyn, NY
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 24D3388

Enclosed are results of analyses for samples as received by the laboratory on April 27, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

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NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Marnie Chancey

REPORT DATE: 5/2/2024

PURCHASE ORDER NUMBER: DEC 1035.P2

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24D3388

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 473 President St Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
HRP-MW-5	24D3388-01	Ground Water		SW-846 8260D	
HRP-MW-1	24D3388-02	Ground Water		SW-846 8260D	
HRP-MW-2	24D3388-03	Ground Water		SW-846 8260D	
HRP-MW-6S	24D3388-04	Ground Water		SW-846 8260D	
HRP-MW-6D	24D3388-05	Ground Water		SW-846 8260D	
HRP-MW-3	24D3388-06	Ground Water		SW-846 8260D	
HRP-MW-4D	24D3388-07	Ground Water		SW-846 8260D	
HRP-MW-7S	24D3388-08	Ground Water		SW-846 8260D	
HRP-MW-7D	24D3388-09	Ground Water		SW-846 8260D	
HRP-MW-4	24D3388-10	Ground Water		SW-846 8260D	
DUP-1	24D3388-11	Ground Water		SW-846 8260D	
Field Blank	24D3388-12	Field Blank		SW-846 8260D	
Trip Blank	24D3388-13	Trip Blank Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

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SW-846 8260D

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Carbon Disulfide

24D3388-01[HRP-MW-5], 24D3388-02[HRP-MW-1], 24D3388-03[HRP-MW-2], 24D3388-04[HRP-MW-6S], 24D3388-05[HRP-MW-6D], 24D3388-06[HRP-MW-3], 24D3388-07[HRP-MW-4D], 24D3388-08[HRP-MW-7S], 24D3388-09[HRP-MW-7D], 24D3388-10[HRP-MW-4], 24D3388-11[DUP-1], 24D3388-12[Field Blank], 24D3388-13[Trip Blank], B372990-BLK1, B372990-BS1, B372990-BSD1, B372990-MS1, B372990-MSD1, S103971-CCV1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Carbon Disulfide

24D3388-02[HRP-MW-1], B372990-MS1, B372990-MSD1

Naphthalene

24D3388-02[HRP-MW-1], B372990-MS1, B372990-MSD1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,2,4-Trichlorobenzene

B372990-MS1

cis-1,2-Dichloroethylene

B372990-MS1

Trichloroethylene

B372990-MS1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

24D3388-02[HRP-MW-1], 24D3388-04[HRP-MW-6S], 24D3388-11[DUP-1]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Carbon Disulfide

24D3388-01[HRP-MW-5], 24D3388-02[HRP-MW-1], 24D3388-03[HRP-MW-2], 24D3388-04[HRP-MW-6S], 24D3388-05[HRP-MW-6D], 24D3388-06[HRP-MW-3], 24D3388-07[HRP-MW-4D], 24D3388-08[HRP-MW-7S], 24D3388-09[HRP-MW-7D], 24D3388-10[HRP-MW-4], 24D3388-11[DUP-1], 24D3388-12[Field Blank], 24D3388-13[Trip Blank], B372990-BLK1, B372990-BS1, B372990-BSD1, B372990-MS1, B372990-MSD1, S103971-CCV1

Naphthalene

24D3388-01[HRP-MW-5], 24D3388-02[HRP-MW-1], 24D3388-03[HRP-MW-2], 24D3388-04[HRP-MW-6S], 24D3388-05[HRP-MW-6D], 24D3388-06[HRP-MW-3], 24D3388-07[HRP-MW-4D], 24D3388-08[HRP-MW-7S], 24D3388-09[HRP-MW-7D], 24D3388-10[HRP-MW-4], 24D3388-11[DUP-1], 24D3388-12[Field Blank], 24D3388-13[Trip Blank], B372990-BLK1, B372990-BS1, B372990-BSD1, B372990-MS1, B372990-MSD1, S103971-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromochloromethane

B372990-BS1, B372990-BSD1, B372990-MS1, B372990-MSD1, S103971-CCV1

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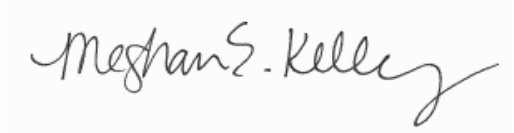
The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-5 Sampled: 4/26/2024 09:40

Sample ID: 24D3388-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	13	50	2.0	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Benzene	0.77	1.0	0.14	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
n-Butylbenzene	0.33	1.0	0.16	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
sec-Butylbenzene	0.94	1.0	0.16	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
tert-Butylbenzene	0.44	1.0	0.17	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1	V-05, L-04	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Ethylbenzene	0.27	1.0	0.14	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Isopropylbenzene (Cumene)	6.9	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Methyl Cyclohexane	3.1	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
n-Propylbenzene	4.6	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF

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Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-5 | Sampled: 4/26/2024 09:40

Sample ID: 24D3388-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Tetrachloroethylene	0.43	1.0	0.17	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Toluene	0.39	1.0	0.11	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
m+p Xylene	0.37	2.0	0.25	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:38	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		5/1/24 16:38
Toluene-d8	100	70-130		5/1/24 16:38
4-Bromofluorobenzene	90.2	70-130		5/1/24 16:38

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Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-5 Sampled: 4/26/2024 09:40

Sample ID: 24D3388-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Butane, 2-methyl-	12	µg/L	245591	1.62	1	000078-78-4	94	SW-846 8260D	4/30/24	5/1/24 16:38	MFF

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Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-1 | Sampled: 4/26/2024 15:55

Sample ID: 24D3388-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	8.3	200	8.2	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Benzene	ND	4.0	0.57	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Bromochloromethane	ND	4.0	1.3	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Bromodichloromethane	ND	2.0	0.74	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Bromoform	ND	4.0	1.2	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Bromomethane	ND	8.0	5.9	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
2-Butanone (MEK)	ND	80	5.7	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
n-Butylbenzene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
sec-Butylbenzene	ND	4.0	0.65	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
tert-Butylbenzene	ND	4.0	0.66	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Carbon Disulfide	ND	20	6.1	µg/L	4	L-04, MS-09, V-05	SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Carbon Tetrachloride	ND	20	0.78	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Chlorobenzene	ND	4.0	0.71	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Chlorodibromomethane	ND	2.0	0.51	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Chloroethane	ND	8.0	1.8	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Chloroform	ND	8.0	0.76	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Chloromethane	ND	8.0	2.0	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Cyclohexane	ND	20	7.1	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	2.5	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,2-Dibromoethane (EDB)	ND	2.0	0.50	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,2-Dichlorobenzene	ND	4.0	0.70	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,3-Dichlorobenzene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,4-Dichlorobenzene	ND	4.0	0.67	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	8.0	0.80	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,1-Dichloroethane	ND	4.0	0.60	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,2-Dichloroethane	ND	4.0	0.51	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,1-Dichloroethylene	2.0	4.0	0.72	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 18:25	MFF
cis-1,2-Dichloroethylene	100	4.0	0.81	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
trans-1,2-Dichloroethylene	1.0	4.0	0.62	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,2-Dichloropropane	ND	4.0	0.68	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
cis-1,3-Dichloropropene	ND	2.0	0.51	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
trans-1,3-Dichloropropene	ND	2.0	0.58	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Ethylbenzene	ND	4.0	0.55	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
2-Hexanone (MBK)	ND	40	5.4	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Isopropylbenzene (Cumene)	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Methyl Acetate	ND	4.0	1.9	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	4.0	0.67	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Methyl Cyclohexane	ND	4.0	0.53	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Methylene Chloride	ND	20	0.76	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	40	5.5	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Naphthalene	ND	8.0	0.99	µg/L	4	MS-09, V-05	SW-846 8260D	4/30/24	5/1/24 18:25	MFF
n-Propylbenzene	ND	4.0	0.44	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Styrene	ND	4.0	0.52	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-1 | Sampled: 4/26/2024 15:55

Sample ID: 24D3388-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	2.0	0.41	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Tetrachloroethylene	2.5	4.0	0.67	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Toluene	ND	4.0	0.46	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,2,3-Trichlorobenzene	ND	20	0.87	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,2,4-Trichlorobenzene	ND	4.0	0.78	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,1,1-Trichloroethane	ND	4.0	0.56	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,1,2-Trichloroethane	ND	4.0	0.73	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Trichloroethylene	290	4.0	0.66	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Trichlorofluoromethane (Freon 11)	ND	8.0	0.57	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,2,3-Trichloropropane	ND	8.0	1.1	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	0.63	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,2,4-Trimethylbenzene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
1,3,5-Trimethylbenzene	ND	4.0	0.68	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Vinyl Chloride	0.88	8.0	0.77	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 18:25	MFF
m+p Xylene	ND	8.0	0.98	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
o-Xylene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF
Xylenes (total)	ND	4.0	4.0	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/1/24 18:25
Toluene-d8	97.0	70-130		5/1/24 18:25
4-Bromofluorobenzene	85.2	70-130		5/1/24 18:25

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-1 Sampled: 4/26/2024 15:55

Sample ID: 24D3388-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			4			SW-846 8260D	4/30/24	5/1/24 18:25	MFF

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-2 Sampled: 4/26/2024 11:10

Sample ID: 24D3388-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Chloromethane	0.61	2.0	0.50	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
cis-1,2-Dichloroethylene	6.7	1.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
trans-1,2-Dichloroethylene	0.39	1.0	0.16	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	4/30/24	5/1/24 15:18	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-2 | Sampled: 4/26/2024 11:10

Sample ID: 24D3388-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Tetrachloroethylene	30	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Trichloroethylene	8.4	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:18	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		5/1/24 15:18
Toluene-d8	88.9	70-130		5/1/24 15:18
4-Bromofluorobenzene	91.7	70-130		5/1/24 15:18

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-2 Sampled: 4/26/2024 11:10

Sample ID: 24D3388-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	4/30/24	5/1/24 15:18	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-6S | Sampled: 4/26/2024 11:45

Sample ID: 24D3388-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	17	200	8.2	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Benzene	ND	4.0	0.57	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Bromochloromethane	ND	4.0	1.3	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Bromodichloromethane	ND	2.0	0.74	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Bromoform	ND	4.0	1.2	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Bromomethane	ND	8.0	5.9	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
2-Butanone (MEK)	24	80	5.7	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 18:51	MFF
n-Butylbenzene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
sec-Butylbenzene	ND	4.0	0.65	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
tert-Butylbenzene	ND	4.0	0.66	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Carbon Disulfide	ND	20	6.1	µg/L	4	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Carbon Tetrachloride	ND	20	0.78	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Chlorobenzene	ND	4.0	0.71	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Chlorodibromomethane	ND	2.0	0.51	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Chloroethane	ND	8.0	1.8	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Chloroform	ND	8.0	0.76	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Chloromethane	3.2	8.0	2.0	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Cyclohexane	ND	20	7.1	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	2.5	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,2-Dibromoethane (EDB)	ND	2.0	0.50	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,2-Dichlorobenzene	ND	4.0	0.70	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,3-Dichlorobenzene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,4-Dichlorobenzene	ND	4.0	0.67	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	8.0	0.80	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,1-Dichloroethane	ND	4.0	0.60	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,2-Dichloroethane	ND	4.0	0.51	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,1-Dichloroethylene	ND	4.0	0.72	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
cis-1,2-Dichloroethylene	25	4.0	0.81	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
trans-1,2-Dichloroethylene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,2-Dichloropropane	ND	4.0	0.68	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
cis-1,3-Dichloropropene	ND	2.0	0.51	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
trans-1,3-Dichloropropene	ND	2.0	0.58	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Ethylbenzene	ND	4.0	0.55	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
2-Hexanone (MBK)	ND	40	5.4	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Isopropylbenzene (Cumene)	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Methyl Acetate	ND	4.0	1.9	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	4.0	0.67	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Methyl Cyclohexane	ND	4.0	0.53	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Methylene Chloride	ND	20	0.76	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	40	5.5	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Naphthalene	ND	8.0	0.99	µg/L	4	V-05	SW-846 8260D	4/30/24	5/1/24 18:51	MFF
n-Propylbenzene	ND	4.0	0.44	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Styrene	ND	4.0	0.52	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-6S | Sampled: 4/26/2024 11:45

Sample ID: 24D3388-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	2.0	0.41	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Tetrachloroethylene	11	4.0	0.67	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Toluene	ND	4.0	0.46	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,2,3-Trichlorobenzene	ND	20	0.87	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,2,4-Trichlorobenzene	ND	4.0	0.78	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,1,1-Trichloroethane	ND	4.0	0.56	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,1,2-Trichloroethane	ND	4.0	0.73	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Trichloroethylene	420	4.0	0.66	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Trichlorofluoromethane (Freon 11)	ND	8.0	0.57	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,2,3-Trichloropropane	ND	8.0	1.1	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	0.63	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,2,4-Trimethylbenzene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
1,3,5-Trimethylbenzene	ND	4.0	0.68	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Vinyl Chloride	ND	8.0	0.77	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
m+p Xylene	ND	8.0	0.98	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
o-Xylene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF
Xylenes (total)	ND	4.0	4.0	µg/L	4		SW-846 8260D	4/30/24	5/1/24 18:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/1/24 18:51
Toluene-d8	94.5	70-130		5/1/24 18:51
4-Bromofluorobenzene	89.3	70-130		5/1/24 18:51

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-6S Sampled: 4/26/2024 11:45

Sample ID: 24D3388-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			4			SW-846 8260D	4/30/24	5/1/24 18:51	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-6D | Sampled: 4/26/2024 12:15

Sample ID: 24D3388-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.0	50	2.0	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
cis-1,2-Dichloroethylene	1.1	1.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	4/30/24	5/1/24 17:05	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-6D | Sampled: 4/26/2024 12:15

Sample ID: 24D3388-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Tetrachloroethylene	11	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Trichloroethylene	9.4	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		5/1/24 17:05
Toluene-d8	95.6	70-130		5/1/24 17:05
4-Bromofluorobenzene	89.6	70-130		5/1/24 17:05

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-6D Sampled: 4/26/2024 12:15

Sample ID: 24D3388-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	4/30/24	5/1/24 17:05	MFF

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Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-3 Sampled: 4/26/2024 13:10

Sample ID: 24D3388-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Methyl tert-Butyl Ether (MTBE)	1.6	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	4/30/24	5/1/24 15:45	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-3 | Sampled: 4/26/2024 13:10

Sample ID: 24D3388-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 15:45	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		5/1/24 15:45
Toluene-d8	95.1	70-130		5/1/24 15:45
4-Bromofluorobenzene	88.1	70-130		5/1/24 15:45

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-3 Sampled: 4/26/2024 13:10

Sample ID: 24D3388-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	4/30/24	5/1/24 15:45	MFF

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Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-4D Sampled: 4/26/2024 11:22

Sample ID: 24D3388-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	4.8	50	2.0	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Benzene	0.23	1.0	0.14	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
sec-Butylbenzene	0.60	1.0	0.16	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:58	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,1-Dichloroethylene	4.5	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
cis-1,2-Dichloroethylene	35	1.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
trans-1,2-Dichloroethylene	1.9	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Ethylbenzene	0.19	1.0	0.14	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:58	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Isopropylbenzene (Cumene)	1.0	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Methyl Cyclohexane	3.2	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	4/30/24	5/1/24 17:58	MFF
n-Propylbenzene	1.0	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-4D Sampled: 4/26/2024 11:22

Sample ID: 24D3388-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Tetrachloroethylene	5.3	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Trichloroethylene	82	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,2,4-Trimethylbenzene	0.16	1.0	0.16	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:58	MFF
1,3,5-Trimethylbenzene	0.23	1.0	0.17	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Vinyl Chloride	8.2	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
m+p Xylene	0.25	2.0	0.25	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:58	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/1/24 17:58
Toluene-d8	100	70-130		5/1/24 17:58
4-Bromofluorobenzene	92.1	70-130		5/1/24 17:58

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-4D Sampled: 4/26/2024 11:22

Sample ID: 24D3388-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	4/30/24	5/1/24 17:58	MFF

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Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-7S Sampled: 4/26/2024 12:22

Sample ID: 24D3388-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.6	50	2.0	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,1-Dichloroethylene	0.28	1.0	0.18	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:31	MFF
cis-1,2-Dichloroethylene	2.6	1.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Methyl tert-Butyl Ether (MTBE)	0.28	1.0	0.17	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	4/30/24	5/1/24 17:31	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-7S | Sampled: 4/26/2024 12:22

Sample ID: 24D3388-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Tetrachloroethylene	33	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Trichloroethylene	4.4	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 17:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		5/1/24 17:31
Toluene-d8	96.8	70-130		5/1/24 17:31
4-Bromofluorobenzene	85.9	70-130		5/1/24 17:31

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-7S Sampled: 4/26/2024 12:22

Sample ID: 24D3388-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	4/30/24	5/1/24 17:31	MFF

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-7D Sampled: 4/26/2024 13:18

Sample ID: 24D3388-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.3	50	2.0	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,1-Dichloroethylene	0.26	1.0	0.18	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:11	MFF
cis-1,2-Dichloroethylene	1.8	1.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Methyl tert-Butyl Ether (MTBE)	0.32	1.0	0.17	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	4/30/24	5/1/24 16:11	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-7D | Sampled: 4/26/2024 13:18

Sample ID: 24D3388-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Tetrachloroethylene	33	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Trichloroethylene	3.2	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 16:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		5/1/24 16:11
Toluene-d8	97.8	70-130		5/1/24 16:11
4-Bromofluorobenzene	85.1	70-130		5/1/24 16:11

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-7D Sampled: 4/26/2024 13:18

Sample ID: 24D3388-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	4/30/24	5/1/24 16:11	MFF

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Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-4 Sampled: 4/26/2024 10:40

Sample ID: 24D3388-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	5.1	50	2.0	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Benzene	0.89	1.0	0.14	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
n-Butylbenzene	2.6	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
sec-Butylbenzene	5.5	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
tert-Butylbenzene	0.34	1.0	0.17	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Chloroform	0.30	2.0	0.19	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
cis-1,2-Dichloroethylene	2.9	1.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Ethylbenzene	13	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Isopropylbenzene (Cumene)	17	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Methyl Cyclohexane	4.6	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Naphthalene	2.4	2.0	0.25	µg/L	1	V-05	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
n-Propylbenzene	58	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-4 | Sampled: 4/26/2024 10:40

Sample ID: 24D3388-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Tetrachloroethylene	1.3	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Toluene	0.47	1.0	0.11	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Trichloroethylene	16	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,2,4-Trimethylbenzene	2.3	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF
m+p Xylene	0.42	2.0	0.25	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
o-Xylene	0.31	1.0	0.16	µg/L	1	J	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 20:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/1/24 20:11
Toluene-d8	103	70-130		5/1/24 20:11
4-Bromofluorobenzene	95.0	70-130		5/1/24 20:11

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Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: HRP-MW-4 Sampled: 4/26/2024 10:40

Sample ID: 24D3388-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene, 1-ethenyl-3-ethyl-	24	µg/L	548159	10.987	1	007525-62-4	91	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Benzene, 2-ethenyl-1,4-dime...	35	µg/L	806881	11.743	1	002039-89-6	96	SW-846 8260D	4/30/24	5/1/24 20:11	MFF
Indane	71	µg/L	1637350	10.407	1	000496-11-7	94	SW-846 8260D	4/30/24	5/1/24 20:11	MFF

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Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: DUP-1 Sampled: 4/25/2024 00:00

Sample ID: 24D3388-11

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	17	200	8.2	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Benzene	ND	4.0	0.57	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Bromochloromethane	ND	4.0	1.3	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Bromodichloromethane	ND	2.0	0.74	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Bromoform	ND	4.0	1.2	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Bromomethane	ND	8.0	5.9	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
2-Butanone (MEK)	29	80	5.7	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 19:18	MFF
n-Butylbenzene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
sec-Butylbenzene	ND	4.0	0.65	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
tert-Butylbenzene	ND	4.0	0.66	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Carbon Disulfide	ND	20	6.1	µg/L	4	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Carbon Tetrachloride	ND	20	0.78	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Chlorobenzene	ND	4.0	0.71	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Chlorodibromomethane	ND	2.0	0.51	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Chloroethane	ND	8.0	1.8	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Chloroform	ND	8.0	0.76	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Chloromethane	3.4	8.0	2.0	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Cyclohexane	ND	20	7.1	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	2.5	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,2-Dibromoethane (EDB)	ND	2.0	0.50	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,2-Dichlorobenzene	ND	4.0	0.70	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,3-Dichlorobenzene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,4-Dichlorobenzene	ND	4.0	0.67	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	8.0	0.80	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,1-Dichloroethane	ND	4.0	0.60	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,2-Dichloroethane	ND	4.0	0.51	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,1-Dichloroethylene	2.4	4.0	0.72	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 19:18	MFF
cis-1,2-Dichloroethylene	120	4.0	0.81	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
trans-1,2-Dichloroethylene	1.1	4.0	0.62	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,2-Dichloropropane	ND	4.0	0.68	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
cis-1,3-Dichloropropene	ND	2.0	0.51	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
trans-1,3-Dichloropropene	ND	2.0	0.58	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Ethylbenzene	ND	4.0	0.55	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
2-Hexanone (MBK)	ND	40	5.4	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Isopropylbenzene (Cumene)	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Methyl Acetate	ND	4.0	1.9	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	4.0	0.67	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Methyl Cyclohexane	ND	4.0	0.53	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Methylene Chloride	ND	20	0.76	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	40	5.5	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Naphthalene	ND	8.0	0.99	µg/L	4	V-05	SW-846 8260D	4/30/24	5/1/24 19:18	MFF
n-Propylbenzene	ND	4.0	0.44	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Styrene	ND	4.0	0.52	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF

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Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: DUP-1 | Sampled: 4/25/2024 00:00

Sample ID: 24D3388-11

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	2.0	0.41	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Tetrachloroethylene	2.5	4.0	0.67	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Toluene	ND	4.0	0.46	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,2,3-Trichlorobenzene	ND	20	0.87	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,2,4-Trichlorobenzene	ND	4.0	0.78	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,1,1-Trichloroethane	ND	4.0	0.56	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,1,2-Trichloroethane	ND	4.0	0.73	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Trichloroethylene	320	4.0	0.66	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Trichlorofluoromethane (Freon 11)	ND	8.0	0.57	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,2,3-Trichloropropane	ND	8.0	1.1	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	0.63	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,2,4-Trimethylbenzene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
1,3,5-Trimethylbenzene	ND	4.0	0.68	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Vinyl Chloride	1.2	8.0	0.77	µg/L	4	J	SW-846 8260D	4/30/24	5/1/24 19:18	MFF
m+p Xylene	ND	8.0	0.98	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
o-Xylene	ND	4.0	0.62	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF
Xylenes (total)	ND	4.0	4.0	µg/L	4		SW-846 8260D	4/30/24	5/1/24 19:18	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		5/1/24 19:18
Toluene-d8	98.0	70-130		5/1/24 19:18
4-Bromofluorobenzene	85.2	70-130		5/1/24 19:18

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Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: DUP-1 Sampled: 4/25/2024 00:00

Sample ID: 24D3388-11

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			4			SW-846 8260D	4/30/24	5/1/24 19:18	MFF

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Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: Field Blank Sampled: 4/26/2024 00:00

Sample ID: 24D3388-12

Sample Matrix: Field Blank

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	4/30/24	5/1/24 13:05	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: Field Blank | Sampled: 4/26/2024 00:00

Sample ID: 24D3388-12

Sample Matrix: Field Blank

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.0	70-130		5/1/24 13:05
Toluene-d8	97.5	70-130		5/1/24 13:05
4-Bromofluorobenzene	81.4	70-130		5/1/24 13:05

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: Field Blank Sampled: 4/26/2024 00:00

Sample ID: 24D3388-12

Sample Matrix: Field Blank

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	4/30/24	5/1/24 13:05	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: Trip Blank | Sampled: 4/24/2024 00:00

Sample ID: 24D3388-13

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Benzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Bromochloromethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Bromodichloromethane	ND	0.50	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Bromoform	ND	1.0	0.30	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
2-Butanone (MEK)	ND	20	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
n-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
sec-Butylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
tert-Butylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Carbon Disulfide	ND	5.0	1.5	µg/L	1	L-04, V-05	SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Carbon Tetrachloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Chlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Chlorodibromomethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Chloroethane	ND	2.0	0.46	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.63	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,2-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,3-Dichlorobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,4-Dichlorobenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,1-Dichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,2-Dichloroethane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,1-Dichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,2-Dichloropropane	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
cis-1,3-Dichloropropene	ND	0.50	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Ethylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
2-Hexanone (MBK)	ND	10	1.3	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Methyl Acetate	ND	1.0	0.48	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Methyl Cyclohexane	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Methylene Chloride	ND	5.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.4	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	4/30/24	5/1/24 13:31	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Styrene	ND	1.0	0.13	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF

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

Project Location: 473 President St Brooklyn, NY | Sample Description: | Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: Trip Blank | Sampled: 4/24/2024 00:00

Sample ID: 24D3388-13

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.22	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,1,1-Trichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.14	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,2,3-Trichloropropane	ND	2.0	0.27	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.17	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Vinyl Chloride	ND	2.0	0.19	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
m+p Xylene	ND	2.0	0.25	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	4/30/24	5/1/24 13:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/1/24 13:31
Toluene-d8	95.5	70-130		5/1/24 13:31
4-Bromofluorobenzene	82.6	70-130		5/1/24 13:31

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

Project Location: 473 President St Brooklyn, NY Sample Description: Work Order: 24D3388

Date Received: 4/27/2024

Field Sample #: Trip Blank Sampled: 4/24/2024 00:00

Sample ID: 24D3388-13

Sample Matrix: Trip Blank Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	4/30/24	5/1/24 13:31	MFF

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

Sample Extraction Data

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24D3388-01 [HRP-MW-5]	B372990	5	5.00	04/30/24
24D3388-02 [HRP-MW-1]	B372990	1.25	5.00	04/30/24
24D3388-03 [HRP-MW-2]	B372990	5	5.00	04/30/24
24D3388-04 [HRP-MW-6S]	B372990	1.25	5.00	04/30/24
24D3388-05 [HRP-MW-6D]	B372990	5	5.00	04/30/24
24D3388-06 [HRP-MW-3]	B372990	5	5.00	04/30/24
24D3388-07 [HRP-MW-4D]	B372990	5	5.00	04/30/24
24D3388-08 [HRP-MW-7S]	B372990	5	5.00	04/30/24
24D3388-09 [HRP-MW-7D]	B372990	5	5.00	04/30/24
24D3388-10 [HRP-MW-4]	B372990	5	5.00	04/30/24
24D3388-11 [DUP-1]	B372990	1.25	5.00	04/30/24
24D3388-12 [Field Blank]	B372990	5	5.00	04/30/24
24D3388-13 [Trip Blank]	B372990	5	5.00	04/30/24

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B372990 - SW-846 5030B										
Blank (B372990-BLK1)				Prepared: 04/30/24 Analyzed: 05/01/24						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							L-04, V-05
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B372990 - SW-846 5030B												
Blank (B372990-BLK1)				Prepared: 04/30/24 Analyzed: 05/01/24								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Xylenes (total)	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*24.4*		µg/L	25.0		97.4		70-130				
Surrogate: 4-Bromofluorobenzene	*21.3*		µg/L	25.0		85.3		70-130				
LCS (B372990-BS1)				Prepared: 04/30/24 Analyzed: 05/01/24								
Acetone	86.2	50	µg/L	100		86.2		70-160				†
Benzene	11.3	1.0	µg/L	10.0		113		70-130				
Bromochloromethane	12.2	1.0	µg/L	10.0		122		70-130			V-20	
Bromodichloromethane	10.6	0.50	µg/L	10.0		106		70-130				
Bromoform	8.18	1.0	µg/L	10.0		81.8		70-130				
Bromomethane	12.7	2.0	µg/L	10.0		127		40-160				†
2-Butanone (MEK)	102	20	µg/L	100		102		40-160				†
n-Butylbenzene	9.60	1.0	µg/L	10.0		96.0		70-130				
sec-Butylbenzene	9.84	1.0	µg/L	10.0		98.4		70-130				
tert-Butylbenzene	9.67	1.0	µg/L	10.0		96.7		70-130				
Carbon Disulfide	62.1	5.0	µg/L	100		**62.1**	*	70-130			L-04, V-05	
Carbon Tetrachloride	10.6	5.0	µg/L	10.0		106		70-130				
Chlorobenzene	10.8	1.0	µg/L	10.0		108		70-130				
Chlorodibromomethane	9.62	0.50	µg/L	10.0		96.2		70-130				
Chloroethane	9.78	2.0	µg/L	10.0		97.8		70-130				
Chloroform	10.9	2.0	µg/L	10.0		109		70-130				
Chloromethane	10.5	2.0	µg/L	10.0		105		40-160				†
Cyclohexane	11.0	5.0	µg/L	10.0		110		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.51	5.0	µg/L	10.0		85.1		70-130				
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104		70-130				
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0		107		70-130				
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.0		109		70-130				
1,4-Dichlorobenzene	9.70	1.0	µg/L	10.0		97.0		70-130				
Dichlorodifluoromethane (Freon 12)	10.7	2.0	µg/L	10.0		107		40-160				†
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
1,2-Dichloroethane	11.0	1.0	µg/L	10.0		110		70-130				
1,1-Dichloroethylene	9.77	1.0	µg/L	10.0		97.7		70-130				
cis-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108		70-130				
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130				
1,2-Dichloropropane	11.4	1.0	µg/L	10.0		114		70-130				
cis-1,3-Dichloropropene	10.8	0.50	µg/L	10.0		108		70-130				
trans-1,3-Dichloropropene	9.99	0.50	µg/L	10.0		99.9		70-130				
Ethylbenzene	10.6	1.0	µg/L	10.0		106		70-130				
2-Hexanone (MBK)	86.3	10	µg/L	100		86.3		70-160				†
Isopropylbenzene (Cumene)	9.54	1.0	µg/L	10.0		95.4		70-130				
p-Isopropyltoluene (p-Cymene)	9.96	1.0	µg/L	10.0		99.6		70-130				
Methyl Acetate	10.3	1.0	µg/L	10.0		103		70-130				
Methyl tert-Butyl Ether (MTBE)	9.64	1.0	µg/L	10.0		96.4		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B372990 - SW-846 5030B												
LCS (B372990-BS1)				Prepared: 04/30/24 Analyzed: 05/01/24								
Methyl Cyclohexane	11.6	1.0	µg/L	10.0		116		70-130				
Methylene Chloride	10.4	5.0	µg/L	10.0		104		70-130				
4-Methyl-2-pentanone (MIBK)	95.6	10	µg/L	100		95.6		70-160				†
Naphthalene	5.83	2.0	µg/L	10.0		58.3		40-130			V-05	†
n-Propylbenzene	9.76	1.0	µg/L	10.0		97.6		70-130				
Styrene	9.88	1.0	µg/L	10.0		98.8		70-130				
1,1,2,2-Tetrachloroethane	9.67	0.50	µg/L	10.0		96.7		70-130				
Tetrachloroethylene	10.7	1.0	µg/L	10.0		107		70-130				
Toluene	11.0	1.0	µg/L	10.0		110		70-130				
1,2,3-Trichlorobenzene	8.64	5.0	µg/L	10.0		86.4		70-130				
1,2,4-Trichlorobenzene	8.10	1.0	µg/L	10.0		81.0		70-130				
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103		70-130				
1,1,2-Trichloroethane	11.1	1.0	µg/L	10.0		111		70-130				
Trichloroethylene	11.1	1.0	µg/L	10.0		111		70-130				
Trichlorofluoromethane (Freon 11)	10.0	2.0	µg/L	10.0		100		70-130				
1,2,3-Trichloropropane	11.0	2.0	µg/L	10.0		110		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6	1.0	µg/L	10.0		106		70-130				
1,2,4-Trimethylbenzene	9.97	1.0	µg/L	10.0		99.7		70-130				
1,3,5-Trimethylbenzene	9.99	1.0	µg/L	10.0		99.9		70-130				
Vinyl Chloride	10.8	2.0	µg/L	10.0		108		40-160				†
m+p Xylene	20.8	2.0	µg/L	20.0		104		70-130				
o-Xylene	9.82	1.0	µg/L	10.0		98.2		70-130				
Xylenes (total)	30.6	1.0	µg/L	30.0		102		0-200				
Surrogate: 1,2-Dichloroethane-d4	*24.2*		µg/L	25.0		96.6		70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102		70-130				
Surrogate: 4-Bromofluorobenzene	*23.3*		µg/L	25.0		93.3		70-130				
LCS Dup (B372990-BSD1)				Prepared: 04/30/24 Analyzed: 05/01/24								
Acetone	93.8	50	µg/L	100		93.8		70-160	8.49	25		†
Benzene	11.5	1.0	µg/L	10.0		115		70-130	1.67	25		
Bromochloromethane	12.6	1.0	µg/L	10.0		126		70-130	2.66	25	V-20	
Bromodichloromethane	10.6	0.50	µg/L	10.0		106		70-130	0.00	25		
Bromoform	8.15	1.0	µg/L	10.0		81.5		70-130	0.367	25		
Bromomethane	12.5	2.0	µg/L	10.0		125		40-160	1.99	25		†
2-Butanone (MEK)	108	20	µg/L	100		108		40-160	5.63	25		†
n-Butylbenzene	9.40	1.0	µg/L	10.0		94.0		70-130	2.11	25		
sec-Butylbenzene	9.75	1.0	µg/L	10.0		97.5		70-130	0.919	25		
tert-Butylbenzene	9.59	1.0	µg/L	10.0		95.9		70-130	0.831	25		
Carbon Disulfide	64.3	5.0	µg/L	100		**64.3**	*	70-130	3.53	25	L-04, V-05	
Carbon Tetrachloride	10.5	5.0	µg/L	10.0		105		70-130	0.949	25		
Chlorobenzene	10.7	1.0	µg/L	10.0		107		70-130	1.02	25		
Chlorodibromomethane	9.95	0.50	µg/L	10.0		99.5		70-130	3.37	25		
Chloroethane	10.1	2.0	µg/L	10.0		101		70-130	2.92	25		
Chloroform	10.8	2.0	µg/L	10.0		108		70-130	0.831	25		
Chloromethane	10.3	2.0	µg/L	10.0		103		40-160	2.02	25		†
Cyclohexane	11.3	5.0	µg/L	10.0		113		70-130	2.86	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.61	5.0	µg/L	10.0		86.1		70-130	1.17	25		
1,2-Dibromoethane (EDB)	10.8	0.50	µg/L	10.0		108		70-130	3.88	25		
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	1.32	25		
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130	7.03	25		
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130	4.83	25		
Dichlorodifluoromethane (Freon 12)	11.1	2.0	µg/L	10.0		111		40-160	3.68	25		†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B372990 - SW-846 5030B											
LCS Dup (B372990-BSD1)				Prepared: 04/30/24 Analyzed: 05/01/24							
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130	0.463	25		
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130	2.39	25		
1,1-Dichloroethylene	9.87	1.0	µg/L	10.0		98.7	70-130	1.02	25		
cis-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	0.0926	25		
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	1.08	25		
1,2-Dichloropropane	11.8	1.0	µg/L	10.0		118	70-130	3.71	25		
cis-1,3-Dichloropropene	10.8	0.50	µg/L	10.0		108	70-130	0.185	25		
trans-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130	4.12	25		
Ethylbenzene	10.3	1.0	µg/L	10.0		103	70-130	2.39	25		
2-Hexanone (MBK)	92.6	10	µg/L	100		92.6	70-160	7.01	25		†
Isopropylbenzene (Cumene)	9.42	1.0	µg/L	10.0		94.2	70-130	1.27	25		
p-Isopropyltoluene (p-Cymene)	9.79	1.0	µg/L	10.0		97.9	70-130	1.72	25		
Methyl Acetate	10.2	1.0	µg/L	10.0		102	70-130	0.978	25		
Methyl tert-Butyl Ether (MTBE)	9.96	1.0	µg/L	10.0		99.6	70-130	3.27	25		
Methyl Cyclohexane	11.3	1.0	µg/L	10.0		113	70-130	2.88	25		
Methylene Chloride	10.4	5.0	µg/L	10.0		104	70-130	0.865	25		
4-Methyl-2-pentanone (MIBK)	100	10	µg/L	100		100	70-160	4.71	25		†
Naphthalene	5.60	2.0	µg/L	10.0		56.0	40-130	4.02	25	V-05	†
n-Propylbenzene	9.66	1.0	µg/L	10.0		96.6	70-130	1.03	25		
Styrene	9.57	1.0	µg/L	10.0		95.7	70-130	3.19	25		
1,1,2,2-Tetrachloroethane	9.57	0.50	µg/L	10.0		95.7	70-130	1.04	25		
Tetrachloroethylene	11.4	1.0	µg/L	10.0		114	70-130	6.41	25		
Toluene	11.3	1.0	µg/L	10.0		113	70-130	2.42	25		
1,2,3-Trichlorobenzene	8.42	5.0	µg/L	10.0		84.2	70-130	2.58	25		
1,2,4-Trichlorobenzene	8.12	1.0	µg/L	10.0		81.2	70-130	0.247	25		
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130	3.82	25		
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130	0.630	25		
Trichloroethylene	11.7	1.0	µg/L	10.0		117	70-130	4.65	25		
Trichlorofluoromethane (Freon 11)	10.5	2.0	µg/L	10.0		105	70-130	4.86	25		
1,2,3-Trichloropropane	9.43	2.0	µg/L	10.0		94.3	70-130	15.6	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6	1.0	µg/L	10.0		106	70-130	0.661	25		
1,2,4-Trimethylbenzene	9.66	1.0	µg/L	10.0		96.6	70-130	3.16	25		
1,3,5-Trimethylbenzene	9.71	1.0	µg/L	10.0		97.1	70-130	2.84	25		
Vinyl Chloride	11.2	2.0	µg/L	10.0		112	40-160	4.27	25		†
m+p Xylene	20.2	2.0	µg/L	20.0		101	70-130	2.92	25		
o-Xylene	9.59	1.0	µg/L	10.0		95.9	70-130	2.37	25		
Xylenes (total)	29.8	1.0	µg/L	30.0		99.4	0-200	2.75			
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.2	70-130				
Surrogate: Toluene-d8	*26.2*		µg/L	25.0		105	70-130				
Surrogate: 4-Bromofluorobenzene	*22.9*		µg/L	25.0		91.8	70-130				
Matrix Spike (B372990-MS1)		**Source: 24D3388-02**		Prepared: 04/30/24 Analyzed: 05/01/24							
Acetone	372	200	µg/L	400	8.32	91.0	70-130				
Benzene	45.9	4.0	µg/L	40.0	ND	115	70-130				
Bromochloromethane	48.4	4.0	µg/L	40.0	ND	121	70-130			V-20	
Bromodichloromethane	40.7	2.0	µg/L	40.0	ND	102	70-130				
Bromoform	29.9	4.0	µg/L	40.0	ND	74.8	70-130				
Bromomethane	40.3	8.0	µg/L	40.0	ND	101	70-130				
2-Butanone (MEK)	447	80	µg/L	400	ND	112	70-130				
n-Butylbenzene	34.8	4.0	µg/L	40.0	ND	87.0	70-130				
sec-Butylbenzene	35.1	4.0	µg/L	40.0	ND	87.7	70-130				
tert-Butylbenzene	34.5	4.0	µg/L	40.0	ND	86.2	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B372990 - SW-846 5030B											
Matrix Spike (B372990-MS1)	**Source: 24D3388-02**			Prepared: 04/30/24 Analyzed: 05/01/24							
Carbon Disulfide	248	20	µg/L	400	ND	**62.0**	*	70-130			L-04, MS-09, V-05
Carbon Tetrachloride	43.2	20	µg/L	40.0	ND	108		70-130			
Chlorobenzene	41.2	4.0	µg/L	40.0	ND	103		70-130			
Chlorodibromomethane	37.8	2.0	µg/L	40.0	ND	94.4		70-130			
Chloroethane	38.6	8.0	µg/L	40.0	ND	96.4		70-130			
Chloroform	41.7	8.0	µg/L	40.0	ND	104		70-130			
Chloromethane	51.1	8.0	µg/L	40.0	ND	128		70-130			
Cyclohexane	46.1	20	µg/L	40.0	ND	115		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	29.8	20	µg/L	40.0	ND	74.6		70-130			
1,2-Dibromoethane (EDB)	41.1	2.0	µg/L	40.0	ND	103		70-130			
1,2-Dichlorobenzene	37.5	4.0	µg/L	40.0	ND	93.8		70-130			
1,3-Dichlorobenzene	38.0	4.0	µg/L	40.0	ND	95.0		70-130			
1,4-Dichlorobenzene	35.9	4.0	µg/L	40.0	ND	89.8		70-130			
Dichlorodifluoromethane (Freon 12)	47.3	8.0	µg/L	40.0	ND	118		70-130			
1,1-Dichloroethane	42.3	4.0	µg/L	40.0	ND	106		70-130			
1,2-Dichloroethane	42.5	4.0	µg/L	40.0	ND	106		70-130			
1,1-Dichloroethylene	40.6	4.0	µg/L	40.0	1.96	96.5		70-130			
cis-1,2-Dichloroethylene	157	4.0	µg/L	40.0	101	**138**	*	70-130			MS-24
trans-1,2-Dichloroethylene	39.1	4.0	µg/L	40.0	1.00	95.2		70-130			
1,2-Dichloropropane	45.4	4.0	µg/L	40.0	ND	114		70-130			
cis-1,3-Dichloropropene	39.6	2.0	µg/L	40.0	ND	98.9		70-130			
trans-1,3-Dichloropropene	37.9	2.0	µg/L	40.0	ND	94.8		70-130			
Ethylbenzene	39.4	4.0	µg/L	40.0	ND	98.6		70-130			
2-Hexanone (MBK)	397	40	µg/L	400	ND	99.2		70-130			
Isopropylbenzene (Cumene)	36.3	4.0	µg/L	40.0	ND	90.7		70-130			
p-Isopropyltoluene (p-Cymene)	34.7	4.0	µg/L	40.0	ND	86.7		70-130			
Methyl Acetate	33.9	4.0	µg/L	40.0	ND	84.7		70-130			
Methyl tert-Butyl Ether (MTBE)	37.0	4.0	µg/L	40.0	ND	92.6		70-130			
Methyl Cyclohexane	43.4	4.0	µg/L	40.0	ND	108		70-130			
Methylene Chloride	40.7	20	µg/L	40.0	ND	102		70-130			
4-Methyl-2-pentanone (MIBK)	394	40	µg/L	400	ND	98.4		70-130			
Naphthalene	21.4	8.0	µg/L	40.0	ND	**53.4**	*	70-130			MS-09, V-05
n-Propylbenzene	39.8	4.0	µg/L	40.0	ND	99.4		70-130			
Styrene	36.8	4.0	µg/L	40.0	ND	92.0		70-130			
1,1,2,2-Tetrachloroethane	39.8	2.0	µg/L	40.0	ND	99.4		70-130			
Tetrachloroethylene	44.6	4.0	µg/L	40.0	2.48	105		70-130			
Toluene	44.0	4.0	µg/L	40.0	ND	110		70-130			
1,2,3-Trichlorobenzene	29.6	20	µg/L	40.0	ND	73.9		70-130			
1,2,4-Trichlorobenzene	28.0	4.0	µg/L	40.0	ND	**69.9**	*	70-130			MS-24
1,1,1-Trichloroethane	42.0	4.0	µg/L	40.0	ND	105		70-130			
1,1,2-Trichloroethane	41.7	4.0	µg/L	40.0	ND	104		70-130			
Trichloroethylene	348	4.0	µg/L	40.0	285	**159**	*	70-130			MS-24
Trichlorofluoromethane (Freon 11)	42.4	8.0	µg/L	40.0	ND	106		70-130			
1,2,3-Trichloropropane	46.6	8.0	µg/L	40.0	ND	116		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.0	4.0	µg/L	40.0	ND	102		70-130			
1,2,4-Trimethylbenzene	34.0	4.0	µg/L	40.0	ND	85.1		70-130			
1,3,5-Trimethylbenzene	36.3	4.0	µg/L	40.0	ND	90.7		70-130			
Vinyl Chloride	48.4	8.0	µg/L	40.0	0.880	119		70-130			
m+p Xylene	78.0	8.0	µg/L	80.0	ND	97.6		70-130			
o-Xylene	35.6	4.0	µg/L	40.0	ND	89.1		70-130			
Xylenes (total)	114	4.0	µg/L	120	ND	94.7		0-200			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B372990 - SW-846 5030B											
Matrix Spike (B372990-MS1)	**Source: 24D3388-02**			Prepared: 04/30/24 Analyzed: 05/01/24							
Surrogate: 1,2-Dichloroethane-d4	*26.9*		µg/L	25.0		108		70-130			
Surrogate: Toluene-d8	*26.1*		µg/L	25.0		105		70-130			
Surrogate: 4-Bromofluorobenzene	*23.9*		µg/L	25.0		95.8		70-130			
Matrix Spike Dup (B372990-MSD1)	**Source: 24D3388-02**			Prepared: 04/30/24 Analyzed: 05/01/24							
Acetone	374	200	µg/L	400	8.32	91.3		70-130	0.300	30	
Benzene	43.5	4.0	µg/L	40.0	ND	109		70-130	5.37	30	
Bromochloromethane	47.7	4.0	µg/L	40.0	ND	119		70-130	1.50	30	V-20
Bromodichloromethane	37.2	2.0	µg/L	40.0	ND	93.1		70-130	8.93	30	
Bromoform	30.1	4.0	µg/L	40.0	ND	75.2		70-130	0.533	30	
Bromomethane	38.9	8.0	µg/L	40.0	ND	97.3		70-130	3.53	30	
2-Butanone (MEK)	459	80	µg/L	400	ND	115		70-130	2.45	30	
n-Butylbenzene	33.6	4.0	µg/L	40.0	ND	84.0		70-130	3.51	30	
sec-Butylbenzene	34.1	4.0	µg/L	40.0	ND	85.2		70-130	2.89	30	
tert-Butylbenzene	33.1	4.0	µg/L	40.0	ND	82.7		70-130	4.14	30	
Carbon Disulfide	243	20	µg/L	400	ND	**60.7**	*	70-130	2.17	30	L-04, MS-09, V-05
Carbon Tetrachloride	40.6	20	µg/L	40.0	ND	102		70-130	6.11	30	
Chlorobenzene	40.8	4.0	µg/L	40.0	ND	102		70-130	0.976	30	
Chlorodibromomethane	34.8	2.0	µg/L	40.0	ND	87.1		70-130	8.04	30	
Chloroethane	38.9	8.0	µg/L	40.0	ND	97.2		70-130	0.826	30	
Chloroform	41.3	8.0	µg/L	40.0	ND	103		70-130	0.867	30	
Chloromethane	47.9	8.0	µg/L	40.0	ND	120		70-130	6.38	30	
Cyclohexane	44.8	20	µg/L	40.0	ND	112		70-130	2.81	30	
1,2-Dibromo-3-chloropropane (DBCP)	32.2	20	µg/L	40.0	ND	80.6		70-130	7.73	30	
1,2-Dibromoethane (EDB)	39.1	2.0	µg/L	40.0	ND	97.8		70-130	4.99	30	
1,2-Dichlorobenzene	37.0	4.0	µg/L	40.0	ND	92.4		70-130	1.50	30	
1,3-Dichlorobenzene	36.9	4.0	µg/L	40.0	ND	92.3		70-130	2.88	30	
1,4-Dichlorobenzene	37.6	4.0	µg/L	40.0	ND	94.0		70-130	4.57	30	
Dichlorodifluoromethane (Freon 12)	45.6	8.0	µg/L	40.0	ND	114		70-130	3.79	30	
1,1-Dichloroethane	41.4	4.0	µg/L	40.0	ND	104		70-130	2.10	30	
1,2-Dichloroethane	40.2	4.0	µg/L	40.0	ND	101		70-130	5.42	30	
1,1-Dichloroethylene	41.3	4.0	µg/L	40.0	1.96	98.4		70-130	1.86	30	
cis-1,2-Dichloroethylene	150	4.0	µg/L	40.0	101	122		70-130	4.22	30	
trans-1,2-Dichloroethylene	40.4	4.0	µg/L	40.0	1.00	98.4		70-130	3.22	30	
1,2-Dichloropropane	41.5	4.0	µg/L	40.0	ND	104		70-130	8.93	30	
cis-1,3-Dichloropropene	36.4	2.0	µg/L	40.0	ND	91.1		70-130	8.21	30	
trans-1,3-Dichloropropene	36.6	2.0	µg/L	40.0	ND	91.4		70-130	3.65	30	
Ethylbenzene	38.0	4.0	µg/L	40.0	ND	94.9		70-130	3.82	30	
2-Hexanone (MBK)	391	40	µg/L	400	ND	97.7		70-130	1.43	30	
Isopropylbenzene (Cumene)	34.1	4.0	µg/L	40.0	ND	85.3		70-130	6.14	30	
p-Isopropyltoluene (p-Cymene)	34.0	4.0	µg/L	40.0	ND	84.9		70-130	2.10	30	
Methyl Acetate	35.2	4.0	µg/L	40.0	ND	88.0		70-130	3.82	30	
Methyl tert-Butyl Ether (MTBE)	36.8	4.0	µg/L	40.0	ND	92.1		70-130	0.541	30	
Methyl Cyclohexane	43.8	4.0	µg/L	40.0	ND	110		70-130	1.01	30	
Methylene Chloride	41.3	20	µg/L	40.0	ND	103		70-130	1.46	30	
4-Methyl-2-pentanone (MIBK)	387	40	µg/L	400	ND	96.8		70-130	1.67	30	
Naphthalene	22.8	8.0	µg/L	40.0	ND	**57.1**	*	70-130	6.70	30	MS-09, V-05
n-Propylbenzene	36.8	4.0	µg/L	40.0	ND	92.0		70-130	7.73	30	
Styrene	35.9	4.0	µg/L	40.0	ND	89.8		70-130	2.42	30	
1,1,2,2-Tetrachloroethane	38.8	2.0	µg/L	40.0	ND	97.0		70-130	2.44	30	
Tetrachloroethylene	42.2	4.0	µg/L	40.0	2.48	99.4		70-130	5.52	30	
Toluene	41.2	4.0	µg/L	40.0	ND	103		70-130	6.67	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B372990 - SW-846 5030B										
Matrix Spike Dup (B372990-MSD1)	**Source: 24D3388-02**			Prepared: 04/30/24 Analyzed: 05/01/24						
1,2,3-Trichlorobenzene	30.1	20	µg/L	40.0	ND	75.2	70-130	1.74	30	
1,2,4-Trichlorobenzene	29.4	4.0	µg/L	40.0	ND	73.6	70-130	5.16	30	
1,1,1-Trichloroethane	40.6	4.0	µg/L	40.0	ND	101	70-130	3.39	30	
1,1,2-Trichloroethane	39.8	4.0	µg/L	40.0	ND	99.5	70-130	4.71	30	
Trichloroethylene	323	4.0	µg/L	40.0	285	95.3	70-130	7.53	30	
Trichlorofluoromethane (Freon 11)	42.2	8.0	µg/L	40.0	ND	106	70-130	0.378	30	
1,2,3-Trichloropropane	46.8	8.0	µg/L	40.0	ND	117	70-130	0.514	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39.6	4.0	µg/L	40.0	ND	99.0	70-130	3.38	30	
1,2,4-Trimethylbenzene	33.9	4.0	µg/L	40.0	ND	84.8	70-130	0.353	30	
1,3,5-Trimethylbenzene	35.9	4.0	µg/L	40.0	ND	89.7	70-130	1.11	30	
Vinyl Chloride	47.4	8.0	µg/L	40.0	0.880	116	70-130	2.00	30	
m+p Xylene	75.1	8.0	µg/L	80.0	ND	93.8	70-130	3.87	20	
o-Xylene	34.5	4.0	µg/L	40.0	ND	86.3	70-130	3.19	30	
Xylenes (total)	110	4.0	µg/L	120	ND	91.3	0-200	3.65		
Surrogate: 1,2-Dichloroethane-d4	*25.6*		µg/L	25.0		102	70-130			
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.0	70-130			

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QUALITY CONTROL

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B372990 - SW-846 5030B										
Blank (B372990-BLK1)				Prepared: 04/30/24 Analyzed: 05/01/24						
No TICs Found	0.0		µg/L							

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY
Xylenes (total)	ME,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

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Fax: 612-607-6344

240338 RM

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name:	HRP Associates inc.
Address:	1 Fairchild Sq. Clifton Park NY 12065
Phone:	518-877-7188
Project Name:	473 President st. offsite
Project Location:	473 President st. Brooklyn NY
Project Number:	C224220A
Project Manager:	Patrick.Montuori@hrpassociates.com
Pace Analytical Quote Name/Number:	
Invoice Recipient:	Marnie DeLuke
Sampled By:	NZ + LW

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: standard

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other: NYSDEC EQuIS
CLP Like Data Pkg Required: ☒
Email To:
Fax To #:

ANALYSIS REQUESTED

DER TCL VOCs +10 (400)(geomatrix)

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	# of Containers	[2] Preservation Code	[3] Container Code
1	HRP-MW-5	4/26/24 9:40				GW		3	HCl	V
2	HRP-MW-1	4/25/24 15:55				GW		3	HCl	V
3	HRP-MW-2	11:10				GW		3	HCl	V
4	HRP-MW-6S	11:45				GW		3	HCl	V
5	HRP-MW-6D	12:15				GW		3	HCl	V
6	HRP-MW-3	13:10				GW		3	HCl	V
7	HRP-MW-4D	11:22				GW		3	HCl	V
8	HRP-MW-7S	12:22				GW		3	HCl	V
9	HRP-MW-7D	13:18				GW		3	HCl	V
10	HRP-MW-4	10:40				GW		3	HCl	V

Dissolved Metals Sample: ☐ Field Filtered ☐ Lab to Filter

Orthophosphate Sample: ☐ Field Filtered ☐ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: run: HRP-MW-1 for MS, MSD

cc: ted.wall@hrpassociates.com

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Sean Wallen	4/26/24 8:40pm
Received by: (signature)	Date/Time:
[illegible] 2.3	4/27/24 1215
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Program & Regulatory Information
☐ AWQ STDS ☐ NY TOGS
☐ NYC Sewer Discharge ☐ NY CP-51
☐ Part 360 GW (Landfill)
☐ NY Restricted Use
☐ NY Unrestricted Use
☐ NY Part 375
Other:

Deliverables
☐ Enhanced Data Package
☐ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD
Other:

NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

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https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: HRP Associates Inc
Address: 1 Fairchild Sq, Clifton Park NY 12065
Phone: 518-877-7181
Project Name: 473 President St, offsite
Project Location: 473 President St, Brooklyn NY
Project Number: C224220A
Project Manager: Patrick.montuori@hrpassociates.com
Pace Analytical Quote Name/Number:
Invoice Recipient: Marnie DeLuke
Sampled By: NZ + LW

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: standard

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other: NYSDEC EQuIS
CLP like Data Pkg Required: ☒
Email To:
Fax To #:

ANALYSIS REQUESTED

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	# of Containers	[2] Preservation Code	[3] Container Code	DER TCL VOCs +10 (no oxygenates)	Dissolved Metals Sample: Field Filtered ☐ Lab to Filter ☐	Orthophosphate Sample: Field Filtered ☐ Lab to Filter ☐
11	DUP-1	4/25/24				GW		3	HI	V	X		
12	Field Blank	4/26/24				O					X		
13	Trip Blank	4/24/24				O					X		

Comments: run: HRP-MW-1 for MS, MSD

cc: ted.wall@hrpassociates.com

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

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O = Other (please define)

Relinquished by: (signature)	Date/Time:
Ryan McAuley	4/26/24 8:40pm
Received by: (signature)	Date/Time:
[illegible] 2.3	4/27/24 1215
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Program & Regulatory Information
☐ AWQ STDS ☐ NY TOGS
☐ NYC Sewer Discharge ☐ NY CP-51
☐ Part 360 GW (Landfill)
☐ NY Restricted Use
☐ NY Unrestricted Use
☐ NY Part 375
Other:

Deliverables
☐ Enhanced Data Package
☐ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD
Other:
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Table of Contents

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client HRP Associates

Project 473 Resident St, Offsite

MCP/RCP Required MA

Deliverable Package Requirement NA

Location 473 Resident St, Brewster, NY

PWSID# (When Applicable) NA

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time ER 4/27/24 1215

Back-Sheet By / Date / Time LA 4/27/24 932

Temperature Method Gun # 6

Temp 0 < 6° C Actual Temperature 2-3

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☐	☑
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☑	☒ (NA)
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client	☑	Analysis	☑	Sampler Name	☑
Project	☑	IDs	☑	Collection Date/Time	☑

All Samples Proper pH: (N/A) ☐ ☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

Qualtrax ID: 120836

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Sample																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Soils Jars (Circle Amb/Clear)	16oz Amb/Clear																				
	8oz Amb/Clear																				
	4oz Amb/Clear																				
	2oz Amb/Clear																				
Ambers	Unpreserved (1 Liter)																				
	HCL (1 Liter)																				
	Sulfuric (1 Liter)																				
	Sulfuric (250mL)																				
	Phosphoric (250mL)																				
	HCl (250mL)																				
	Unpreserved (100mL)																				
Plastics	Unpreserved (1 Liter)																				
	Sulfuric (1 Liter)																				
	Unpreserved (500mL)																				
	Sulfuric (500mL)																				
	Unpreserved (250mL)																				
	Trizma (250mL)																				
	Sulfuric (250mL)																				
	Nitric (250mL)																				
	NaOH (250mL)																				
	Ammonium Acetate (250mL)																				
	NaOH/Zinc (250mL)																				
VOA Vials	Unpreserved																				
	HCl		3	0	3									1							
	MeOH																				
	D.I. Water																				
	BiSulfate																				
Other / Fill in	Col/Bact																				

Qualtrax ID: 120836

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January 23, 2024

Marnie Chancey
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: Brooklyn, NY
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 24A1617

Enclosed are results of analyses for samples as received by the laboratory on January 18, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

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

NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Marnie Chancey

REPORT DATE: 1/23/2024

PURCHASE ORDER NUMBER: 145808

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24A1617

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GW-WL-9(10)	24A1617-01	Ground Water		SW-846 8260D	
GW-WL-9(20)	24A1617-02	Ground Water		SW-846 8260D	
GW-WL-9(30)	24A1617-03	Ground Water		SW-846 8260D	
GW-WL-9(40)	24A1617-04	Ground Water		SW-846 8260D	
GW-WL-9(50)	24A1617-05	Ground Water		SW-846 8260D	
Equipment Blank-1	24A1617-06	Ground Water		SW-846 8260D	
GW-WL-8(10)	24A1617-07	Ground Water		SW-846 8260D	
GW-WL-8(20)	24A1617-08	Ground Water		SW-846 8260D	
GW-WL-8(30)	24A1617-09	Ground Water		SW-846 8260D	
GW-WL-8(40)	24A1617-10	Ground Water		SW-846 8260D	
Equipment Blank-2	24A1617-12	Ground Water		SW-846 8260D	
GW-WL-10(10)	24A1617-13	Ground Water		SW-846 8260D	
GW-WL-10(20)	24A1617-14	Ground Water		SW-846 8260D	
GW-WL-10(30)	24A1617-15	Ground Water		SW-846 8260D	
GW-WL-10(40)	24A1617-16	Ground Water		SW-846 8260D	
DUP-1	24A1617-17	Ground Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Carbon Disulfide

B363714-BSD1

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Trichloroethylene

24A1617-08[GW-WL-8(20)], B363714-MS1, B363714-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Carbon Disulfide

B363714-MSD1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,4-Dioxane

B363714-MS1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

24A1617-07[GW-WL-8(10)], 24A1617-08[GW-WL-8(20)]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2,4-Trichlorobenzene

24A1617-01[GW-WL-9(10)], 24A1617-02[GW-WL-9(20)], 24A1617-03[GW-WL-9(30)], 24A1617-04[GW-WL-9(40)], 24A1617-05[GW-WL-9(50)], 24A1617-06[Equipment Blank-1], 24A1617-07[GW-WL-8(10)], 24A1617-08[GW-WL-8(20)], 24A1617-09[GW-WL-8(30)], 24A1617-10[GW-WL-8(40)], 24A1617-12[Equipment Blank-2], 24A1617-13[GW-WL-10(10)], 24A1617-14[GW-WL-10(20)], 24A1617-15[GW-WL-10(30)], 24A1617-16[GW-WL-10(40)], 24A1617-17[DUP-1], B363714-BLK1, B363714-BS1, B363714-BSD1, B363714-MS1, B363714-MSD1, S099435-CCV1

Carbon Disulfide

24A1617-01[GW-WL-9(10)], 24A1617-02[GW-WL-9(20)], 24A1617-03[GW-WL-9(30)], 24A1617-04[GW-WL-9(40)], 24A1617-05[GW-WL-9(50)], 24A1617-06[Equipment Blank-1], 24A1617-07[GW-WL-8(10)], 24A1617-08[GW-WL-8(20)], 24A1617-09[GW-WL-8(30)], 24A1617-10[GW-WL-8(40)], 24A1617-12[Equipment Blank-2], 24A1617-13[GW-WL-10(10)], 24A1617-14[GW-WL-10(20)], 24A1617-15[GW-WL-10(30)], 24A1617-16[GW-WL-10(40)], 24A1617-17[DUP-1], B363714-BLK1, B363714-BS1, B363714-BSD1, B363714-MS1, B363714-MSD1, S099435-CCV1

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The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Technical Representative

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-9(10) | Sampled: 1/15/2024 10:35

Sample ID: 24A1617-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Chloroform	0.35	2.0	0.14	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
cis-1,2-Dichloroethylene	7.0	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Tetrachloroethylene	0.62	1.0	0.17	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 17:47	MFF

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-9(10) | Sampled: 1/15/2024 10:35

Sample ID: 24A1617-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Trichloroethylene	4.3	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	112	70-130		1/19/24 17:47
Toluene-d8	98.0	70-130		1/19/24 17:47
4-Bromofluorobenzene	85.2	70-130		1/19/24 17:47

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-9(20) | Sampled: 1/15/2024 11:30

Sample ID: 24A1617-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Chloroform	0.28	2.0	0.14	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,1-Dichloroethylene	0.34	1.0	0.14	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 15:34	MFF
cis-1,2-Dichloroethylene	29	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
trans-1,2-Dichloroethylene	1.1	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Tetrachloroethylene	2.6	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 15:34	MFF

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-9(20) | Sampled: 1/15/2024 11:30

Sample ID: 24A1617-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Trichloroethylene	37	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Vinyl Chloride	0.49	2.0	0.24	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 15:34	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	113	70-130		1/19/24 15:34
Toluene-d8	101	70-130		1/19/24 15:34
4-Bromofluorobenzene	83.0	70-130		1/19/24 15:34

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-9(30) | Sampled: 1/15/2024 12:11

Sample ID: 24A1617-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
cis-1,2-Dichloroethylene	12	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
trans-1,2-Dichloroethylene	0.60	1.0	0.17	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Methyl tert-Butyl Ether (MTBE)	0.26	1.0	0.17	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Tetrachloroethylene	9.4	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 16:01	MFF

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-9(30) | Sampled: 1/15/2024 12:11

Sample ID: 24A1617-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Trichloroethylene	30	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	113	70-130		1/19/24 16:01
Toluene-d8	95.0	70-130		1/19/24 16:01
4-Bromofluorobenzene	85.3	70-130		1/19/24 16:01

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-9(40) | Sampled: 1/15/2024 13:00

Sample ID: 24A1617-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Chloroform	0.18	2.0	0.14	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
cis-1,2-Dichloroethylene	9.2	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
trans-1,2-Dichloroethylene	0.61	1.0	0.17	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Methyl tert-Butyl Ether (MTBE)	0.27	1.0	0.17	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Tetrachloroethylene	11	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 12:53	MFF

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-9(40) | Sampled: 1/15/2024 13:00

Sample ID: 24A1617-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Trichloroethylene	8.9	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:53	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	113	70-130		1/19/24 12:53
Toluene-d8	98.9	70-130		1/19/24 12:53
4-Bromofluorobenzene	86.6	70-130		1/19/24 12:53

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-9(50) | Sampled: 1/15/2024 13:45

Sample ID: 24A1617-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
cis-1,2-Dichloroethylene	5.9	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
trans-1,2-Dichloroethylene	0.56	1.0	0.17	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Tetrachloroethylene	9.8	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 13:20	MFF

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-9(50) | Sampled: 1/15/2024 13:45

Sample ID: 24A1617-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Trichloroethylene	5.3	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	111	70-130		1/19/24 13:20
Toluene-d8	97.9	70-130		1/19/24 13:20
4-Bromofluorobenzene	83.9	70-130		1/19/24 13:20

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: Equipment Blank-1 | Sampled: 1/16/2024 11:30

Sample ID: 24A1617-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 12:00	MFF

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: Equipment Blank-1 | Sampled: 1/16/2024 11:30

Sample ID: 24A1617-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		1/19/24 12:00
Toluene-d8	98.4	70-130		1/19/24 12:00
4-Bromofluorobenzene	85.8	70-130		1/19/24 12:00

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-8(10) | Sampled: 1/16/2024 12:05

Sample ID: 24A1617-07

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	250	10	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Benzene	ND	5.0	0.92	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Bromochloromethane	ND	5.0	1.4	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Bromodichloromethane	ND	2.5	0.79	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Bromoform	ND	5.0	2.0	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Bromomethane	ND	10	6.6	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
2-Butanone (MEK)	ND	100	8.4	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Carbon Disulfide	ND	25	7.8	µg/L	5	V-05	SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Carbon Tetrachloride	ND	25	0.82	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Chlorobenzene	ND	5.0	0.59	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Chlorodibromomethane	ND	2.5	1.0	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Chloroethane	ND	10	1.7	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Chloroform	1.2	10	0.70	µg/L	5	J	SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Chloromethane	ND	10	2.5	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Cyclohexane	ND	25	8.8	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	4.3	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,2-Dibromoethane (EDB)	ND	2.5	0.80	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,2-Dichlorobenzene	ND	5.0	0.65	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,3-Dichlorobenzene	ND	5.0	0.68	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,4-Dichlorobenzene	ND	5.0	0.64	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	10	0.80	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,1-Dichloroethane	ND	5.0	0.68	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,2-Dichloroethane	ND	5.0	1.5	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,1-Dichloroethylene	ND	5.0	0.70	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
cis-1,2-Dichloroethylene	61	5.0	0.70	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
trans-1,2-Dichloroethylene	ND	5.0	0.86	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,2-Dichloropropane	ND	5.0	0.97	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
cis-1,3-Dichloropropene	ND	2.5	0.82	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
trans-1,3-Dichloropropene	ND	2.5	0.71	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,4-Dioxane	ND	250	90	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Ethylbenzene	ND	5.0	1.1	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
2-Hexanone (MBK)	ND	50	6.0	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Isopropylbenzene (Cumene)	ND	5.0	0.76	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Methyl Acetate	ND	5.0	3.0	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	5.0	0.85	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Methyl Cyclohexane	ND	5.0	0.78	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Methylene Chloride	ND	25	0.88	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	50	6.6	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Styrene	ND	5.0	0.75	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,1,2,2-Tetrachloroethane	ND	2.5	0.68	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Tetrachloroethylene	4.2	5.0	0.84	µg/L	5	J	SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Toluene	ND	5.0	1.1	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,2,3-Trichlorobenzene	ND	25	1.7	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,2,4-Trichlorobenzene	ND	5.0	1.5	µg/L	5	V-05	SW-846 8260D	1/18/24	1/19/24 18:14	MFF

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-8(10) | Sampled: 1/16/2024 12:05

Sample ID: 24A1617-07

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	5.0	0.75	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,1,2-Trichloroethane	ND	5.0	0.96	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Trichloroethylene	500	5.0	0.87	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Trichlorofluoromethane (Freon 11)	ND	10	0.77	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	1.0	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Vinyl Chloride	ND	10	1.2	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF
Xylenes (total)	ND	5.0	5.0	µg/L	5		SW-846 8260D	1/18/24	1/19/24 18:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	112	70-130		1/19/24 18:14
Toluene-d8	96.8	70-130		1/19/24 18:14
4-Bromofluorobenzene	82.9	70-130		1/19/24 18:14

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-8(20) | Sampled: 1/16/2024 13:27

Sample ID: 24A1617-08

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	200	8.0	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Benzene	ND	4.0	0.74	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Bromochloromethane	ND	4.0	1.1	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Bromodichloromethane	ND	2.0	0.63	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Bromoform	ND	4.0	1.6	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Bromomethane	ND	8.0	5.3	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
2-Butanone (MEK)	ND	80	6.7	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Carbon Disulfide	ND	20	6.2	µg/L	4	V-05	SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Carbon Tetrachloride	ND	20	0.65	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Chlorobenzene	ND	4.0	0.48	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Chlorodibromomethane	ND	2.0	0.80	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Chloroethane	ND	8.0	1.4	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Chloroform	ND	8.0	0.56	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Chloromethane	ND	8.0	2.0	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Cyclohexane	ND	20	7.1	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	3.4	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,2-Dibromoethane (EDB)	ND	2.0	0.64	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,2-Dichlorobenzene	ND	4.0	0.52	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,3-Dichlorobenzene	ND	4.0	0.55	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,4-Dichlorobenzene	ND	4.0	0.51	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	8.0	0.64	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,1-Dichloroethane	ND	4.0	0.55	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,2-Dichloroethane	ND	4.0	1.2	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,1-Dichloroethylene	1.3	4.0	0.56	µg/L	4	J	SW-846 8260D	1/18/24	1/19/24 18:41	MFF
cis-1,2-Dichloroethylene	82	4.0	0.56	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
trans-1,2-Dichloroethylene	ND	4.0	0.69	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,2-Dichloropropane	ND	4.0	0.77	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
cis-1,3-Dichloropropene	ND	2.0	0.65	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
trans-1,3-Dichloropropene	ND	2.0	0.57	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,4-Dioxane	ND	200	72	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Ethylbenzene	ND	4.0	0.88	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
2-Hexanone (MBK)	ND	40	4.8	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Isopropylbenzene (Cumene)	ND	4.0	0.60	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Methyl Acetate	ND	4.0	2.4	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Methyl tert-Butyl Ether (MTBE)	ND	4.0	0.68	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Methyl Cyclohexane	ND	4.0	0.62	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Methylene Chloride	ND	20	0.71	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	40	5.3	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Styrene	ND	4.0	0.60	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.55	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Tetrachloroethylene	4.1	4.0	0.67	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Toluene	ND	4.0	0.89	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,2,3-Trichlorobenzene	ND	20	1.4	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,2,4-Trichlorobenzene	ND	4.0	1.2	µg/L	4	V-05	SW-846 8260D	1/18/24	1/19/24 18:41	MFF

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-8(20) | Sampled: 1/16/2024 13:27

Sample ID: 24A1617-08

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	4.0	0.60	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,1,2-Trichloroethane	ND	4.0	0.76	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Trichloroethylene	370	4.0	0.70	µg/L	4	MS-19	SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Trichlorofluoromethane (Freon 11)	ND	8.0	0.62	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	0.83	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Vinyl Chloride	ND	8.0	0.95	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF
Xylenes (total)	ND	4.0	4.0	µg/L	4		SW-846 8260D	1/18/24	1/19/24 18:41	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	112	70-130		1/19/24 18:41
Toluene-d8	95.1	70-130		1/19/24 18:41
4-Bromofluorobenzene	85.2	70-130		1/19/24 18:41

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-8(30) | Sampled: 1/16/2024 14:28

Sample ID: 24A1617-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
cis-1,2-Dichloroethylene	4.2	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Tetrachloroethylene	5.8	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 13:47	MFF

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-8(30) | Sampled: 1/16/2024 14:28

Sample ID: 24A1617-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Trichloroethylene	5.1	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 13:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		1/19/24 13:47
Toluene-d8	97.1	70-130		1/19/24 13:47
4-Bromofluorobenzene	85.2	70-130		1/19/24 13:47

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-8(40) | Sampled: 1/16/2024 15:06

Sample ID: 24A1617-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Bromodichloromethane	1.3	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Chloroform	6.7	2.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
cis-1,2-Dichloroethylene	2.1	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Tetrachloroethylene	3.1	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 14:14	MFF

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-8(40) | Sampled: 1/16/2024 15:06

Sample ID: 24A1617-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Trichloroethylene	2.1	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	111	70-130		1/19/24 14:14
Toluene-d8	97.2	70-130		1/19/24 14:14
4-Bromofluorobenzene	83.7	70-130		1/19/24 14:14

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: Equipment Blank-2 | Sampled: 1/17/2024 09:45

Sample ID: 24A1617-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.7	50	2.0	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 12:27	MFF

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: Equipment Blank-2 | Sampled: 1/17/2024 09:45

Sample ID: 24A1617-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 12:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	113	70-130		1/19/24 12:27
Toluene-d8	100	70-130		1/19/24 12:27
4-Bromofluorobenzene	84.7	70-130		1/19/24 12:27

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-10(10) | Sampled: 1/17/2024 10:37

Sample ID: 24A1617-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.4	50	2.0	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 14:40	MFF

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-10(10) | Sampled: 1/17/2024 10:37

Sample ID: 24A1617-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 14:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	113	70-130		1/19/24 14:40
Toluene-d8	99.8	70-130		1/19/24 14:40
4-Bromofluorobenzene	84.8	70-130		1/19/24 14:40

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-10(20) | Sampled: 1/17/2024 11:12

Sample ID: 24A1617-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
cis-1,2-Dichloroethylene	1.9	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Methyl tert-Butyl Ether (MTBE)	0.21	1.0	0.17	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Tetrachloroethylene	50	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 16:27	MFF

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-10(20) | Sampled: 1/17/2024 11:12

Sample ID: 24A1617-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Trichloroethylene	4.0	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		1/19/24 16:27
Toluene-d8	99.1	70-130		1/19/24 16:27
4-Bromofluorobenzene	84.4	70-130		1/19/24 16:27

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-10(30) | Sampled: 1/17/2024 11:56

Sample ID: 24A1617-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.8	50	2.0	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Chloroform	0.25	2.0	0.14	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,1-Dichloroethylene	0.40	1.0	0.14	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 16:54	MFF
cis-1,2-Dichloroethylene	1.6	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Methyl tert-Butyl Ether (MTBE)	0.47	1.0	0.17	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Tetrachloroethylene	47	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 16:54	MFF

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-10(30) | Sampled: 1/17/2024 11:56

Sample ID: 24A1617-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Trichloroethylene	2.7	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 16:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	116	70-130		1/19/24 16:54
Toluene-d8	95.3	70-130		1/19/24 16:54
4-Bromofluorobenzene	84.7	70-130		1/19/24 16:54

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-10(40) | Sampled: 1/17/2024 14:09

Sample ID: 24A1617-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.6	50	2.0	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Chloroform	0.37	2.0	0.14	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,1-Dichloroethylene	0.43	1.0	0.14	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 17:21	MFF
cis-1,2-Dichloroethylene	1.2	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Methyl tert-Butyl Ether (MTBE)	0.37	1.0	0.17	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Tetrachloroethylene	45	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 17:21	MFF

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: GW-WL-10(40) | Sampled: 1/17/2024 14:09

Sample ID: 24A1617-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Trichloroethylene	1.9	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Trichlorofluoromethane (Freon 11)	0.22	2.0	0.15	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 17:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 17:21	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	116	70-130		1/19/24 17:21
Toluene-d8	99.2	70-130		1/19/24 17:21
4-Bromofluorobenzene	85.6	70-130		1/19/24 17:21

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: DUP-1 | Sampled: 1/17/2024 00:00

Sample ID: 24A1617-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
cis-1,2-Dichloroethylene	4.8	1.0	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
trans-1,2-Dichloroethylene	0.33	1.0	0.17	µg/L	1	J	SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Tetrachloroethylene	6.3	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	V-05	SW-846 8260D	1/18/24	1/19/24 15:07	MFF

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A1617

Date Received: 1/18/2024

Field Sample #: DUP-1 | Sampled: 1/17/2024 00:00

Sample ID: 24A1617-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Trichloroethylene	5.4	1.0	0.17	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/18/24	1/19/24 15:07	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	116	70-130		1/19/24 15:07
Toluene-d8	95.1	70-130		1/19/24 15:07
4-Bromofluorobenzene	83.6	70-130		1/19/24 15:07

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Sample Extraction Data

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24A1617-01 [GW-WL-9(10)]	B363714	5	5.00	01/18/24
24A1617-02 [GW-WL-9(20)]	B363714	5	5.00	01/18/24
24A1617-03 [GW-WL-9(30)]	B363714	5	5.00	01/18/24
24A1617-04 [GW-WL-9(40)]	B363714	5	5.00	01/18/24
24A1617-05 [GW-WL-9(50)]	B363714	5	5.00	01/18/24
24A1617-06 [Equipment Blank-1]	B363714	5	5.00	01/18/24
24A1617-07 [GW-WL-8(10)]	B363714	1	5.00	01/18/24
24A1617-08 [GW-WL-8(20)]	B363714	1.25	5.00	01/18/24
24A1617-09 [GW-WL-8(30)]	B363714	5	5.00	01/18/24
24A1617-10 [GW-WL-8(40)]	B363714	5	5.00	01/18/24
24A1617-12 [Equipment Blank-2]	B363714	5	5.00	01/18/24
24A1617-13 [GW-WL-10(10)]	B363714	5	5.00	01/18/24
24A1617-14 [GW-WL-10(20)]	B363714	5	5.00	01/18/24
24A1617-15 [GW-WL-10(30)]	B363714	5	5.00	01/18/24
24A1617-16 [GW-WL-10(40)]	B363714	5	5.00	01/18/24
24A1617-17 [DUP-1]	B363714	5	5.00	01/18/24

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B363714 - SW-846 5030B										
Blank (B363714-BLK1)				Prepared: 01/18/24 Analyzed: 01/19/24						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
Carbon Disulfide	ND	5.0	µg/L							V-05
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							V-05
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B363714 - SW-846 5030B											
Blank (B363714-BLK1)				Prepared: 01/18/24 Analyzed: 01/19/24							
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*28.9*		µg/L	25.0		116	70-130				
Surrogate: Toluene-d8	*24.1*		µg/L	25.0		96.2	70-130				
Surrogate: 4-Bromofluorobenzene	*21.3*		µg/L	25.0		85.0	70-130				
LCS (B363714-BS1)				Prepared: 01/18/24 Analyzed: 01/19/24							
Acetone	100	50	µg/L	100		100	70-160				†
Benzene	10.6	1.0	µg/L	10.0		106	70-130				
Bromochloromethane	11.6	1.0	µg/L	10.0		116	70-130				
Bromodichloromethane	11.7	0.50	µg/L	10.0		117	70-130				
Bromoform	9.36	1.0	µg/L	10.0		93.6	70-130				
Bromomethane	12.5	2.0	µg/L	10.0		125	40-160				†
2-Butanone (MEK)	101	20	µg/L	100		101	40-160				†
Carbon Disulfide	70.8	5.0	µg/L	100		70.8	70-130			V-05	
Carbon Tetrachloride	12.0	5.0	µg/L	10.0		120	70-130				
Chlorobenzene	10.4	1.0	µg/L	10.0		104	70-130				
Chlorodibromomethane	11.0	0.50	µg/L	10.0		110	70-130				
Chloroethane	9.23	2.0	µg/L	10.0		92.3	70-130				
Chloroform	11.6	2.0	µg/L	10.0		116	70-130				
Chloromethane	10.2	2.0	µg/L	10.0		102	40-160				†
Cyclohexane	9.28	5.0	µg/L	10.0		92.8	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.32	5.0	µg/L	10.0		93.2	70-130				
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0		105	70-130				
1,2-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130				
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130				
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
Dichlorodifluoromethane (Freon 12)	11.7	2.0	µg/L	10.0		117	40-160				†
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130				
1,2-Dichloroethane	12.4	1.0	µg/L	10.0		124	70-130				
1,1-Dichloroethylene	9.97	1.0	µg/L	10.0		99.7	70-130				
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
trans-1,2-Dichloroethylene	9.99	1.0	µg/L	10.0		99.9	70-130				
1,2-Dichloropropane	11.4	1.0	µg/L	10.0		114	70-130				
cis-1,3-Dichloropropene	11.4	0.50	µg/L	10.0		114	70-130				
trans-1,3-Dichloropropene	11.6	0.50	µg/L	10.0		116	70-130				
1,4-Dioxane	82.0	50	µg/L	100		82.0	40-130				†
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130				
2-Hexanone (MBK)	97.2	10	µg/L	100		97.2	70-160				†
Isopropylbenzene (Cumene)	9.95	1.0	µg/L	10.0		99.5	70-130				
Methyl Acetate	10.6	1.0	µg/L	10.0		106	70-130				
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.0		103	70-130				
Methyl Cyclohexane	10.4	1.0	µg/L	10.0		104	70-130				
Methylene Chloride	10.0	5.0	µg/L	10.0		100	70-130				
4-Methyl-2-pentanone (MIBK)	99.0	10	µg/L	100		99.0	70-160				†
Styrene	10.2	1.0	µg/L	10.0		102	70-130				
1,1,2,2-Tetrachloroethane	9.71	0.50	µg/L	10.0		97.1	70-130				
Tetrachloroethylene	11.6	1.0	µg/L	10.0		116	70-130				
Toluene	11.3	1.0	µg/L	10.0		113	70-130				
1,2,3-Trichlorobenzene	8.66	5.0	µg/L	10.0		86.6	70-130				
1,2,4-Trichlorobenzene	7.87	1.0	µg/L	10.0		78.7	70-130			V-05	
1,1,1-Trichloroethane	11.9	1.0	µg/L	10.0		119	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B363714 - SW-846 5030B												
LCS (B363714-BS1)				Prepared: 01/18/24 Analyzed: 01/19/24								
1,1,2-Trichloroethane	11.1	1.0	µg/L	10.0		111		70-130				
Trichloroethylene	11.6	1.0	µg/L	10.0		116		70-130				
Trichlorofluoromethane (Freon 11)	11.7	2.0	µg/L	10.0		117		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104		70-130				
Vinyl Chloride	10.8	2.0	µg/L	10.0		108		40-160				†
m+p Xylene	21.0	2.0	µg/L	20.0		105		70-130				
o-Xylene	10.1	1.0	µg/L	10.0		101		70-130				
Xylenes (total)	31.0	1.0	µg/L	30.0		104		0-200				
Surrogate: 1,2-Dichloroethane-d4	*27.0*		µg/L	25.0		108		70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		97.0		70-130				
LCS Dup (B363714-BSD1)				Prepared: 01/18/24 Analyzed: 01/19/24								
Acetone	87.6	50	µg/L	100		87.6		70-160	13.6	25		†
Benzene	10.9	1.0	µg/L	10.0		109		70-130	3.07	25		
Bromochloromethane	11.7	1.0	µg/L	10.0		117		70-130	0.599	25		
Bromodichloromethane	11.9	0.50	µg/L	10.0		119		70-130	1.35	25		
Bromoform	9.09	1.0	µg/L	10.0		90.9		70-130	2.93	25		
Bromomethane	12.1	2.0	µg/L	10.0		121		40-160	3.01	25		†
2-Butanone (MEK)	89.0	20	µg/L	100		89.0		40-160	12.9	25		†
Carbon Disulfide	67.4	5.0	µg/L	100		**67.4**	*	70-130	4.88	25	L-07, V-05	
Carbon Tetrachloride	12.3	5.0	µg/L	10.0		123		70-130	2.30	25		
Chlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	1.43	25		
Chlorodibromomethane	11.3	0.50	µg/L	10.0		113		70-130	2.79	25		
Chloroethane	8.94	2.0	µg/L	10.0		89.4		70-130	3.19	25		
Chloroform	11.5	2.0	µg/L	10.0		115		70-130	0.519	25		
Chloromethane	10.2	2.0	µg/L	10.0		102		40-160	0.0984	25		†
Cyclohexane	9.62	5.0	µg/L	10.0		96.2		70-130	3.60	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.38	5.0	µg/L	10.0		83.8		70-130	10.6	25		
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0		105		70-130	0.0951	25		
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.0		109		70-130	3.27	25		
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	1.42	25		
1,4-Dichlorobenzene	9.89	1.0	µg/L	10.0		98.9		70-130	2.00	25		
Dichlorodifluoromethane (Freon 12)	11.7	2.0	µg/L	10.0		117		40-160	0.427	25		†
1,1-Dichloroethane	10.3	1.0	µg/L	10.0		103		70-130	4.56	25		
1,2-Dichloroethane	12.7	1.0	µg/L	10.0		127		70-130	2.39	25		
1,1-Dichloroethylene	9.76	1.0	µg/L	10.0		97.6		70-130	2.13	25		
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101		70-130	5.02	25		
trans-1,2-Dichloroethylene	9.48	1.0	µg/L	10.0		94.8		70-130	5.24	25		
1,2-Dichloropropane	11.5	1.0	µg/L	10.0		115		70-130	1.40	25		
cis-1,3-Dichloropropene	11.6	0.50	µg/L	10.0		116		70-130	1.57	25		
trans-1,3-Dichloropropene	11.5	0.50	µg/L	10.0		115		70-130	1.30	25		
1,4-Dioxane	86.9	50	µg/L	100		86.9		40-130	5.76	50		† ‡
Ethylbenzene	10.7	1.0	µg/L	10.0		107		70-130	1.12	25		
2-Hexanone (MBK)	86.4	10	µg/L	100		86.4		70-160	11.8	25		†
Isopropylbenzene (Cumene)	9.97	1.0	µg/L	10.0		99.7		70-130	0.201	25		
Methyl Acetate	9.57	1.0	µg/L	10.0		95.7		70-130	10.2	25		
Methyl tert-Butyl Ether (MTBE)	9.58	1.0	µg/L	10.0		95.8		70-130	7.05	25		
Methyl Cyclohexane	10.3	1.0	µg/L	10.0		103		70-130	1.55	25		
Methylene Chloride	9.42	5.0	µg/L	10.0		94.2		70-130	6.17	25		
4-Methyl-2-pentanone (MIBK)	92.7	10	µg/L	100		92.7		70-160	6.63	25		†
Styrene	9.70	1.0	µg/L	10.0		97.0		70-130	4.93	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B363714 - SW-846 5030B											
LCS Dup (B363714-BSD1)				Prepared: 01/18/24 Analyzed: 01/19/24							
1,1,2,2-Tetrachloroethane	8.80	0.50	µg/L	10.0		88.0		70-130	9.83	25	
Tetrachloroethylene	12.0	1.0	µg/L	10.0		120		70-130	2.88	25	
Toluene	11.4	1.0	µg/L	10.0		114		70-130	0.791	25	
1,2,3-Trichlorobenzene	8.45	5.0	µg/L	10.0		84.5		70-130	2.45	25	
1,2,4-Trichlorobenzene	7.79	1.0	µg/L	10.0		77.9		70-130	1.02	25	V-05
1,1,1-Trichloroethane	11.9	1.0	µg/L	10.0		119		70-130	0.420	25	
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0		114		70-130	2.67	25	
Trichloroethylene	11.8	1.0	µg/L	10.0		118		70-130	1.54	25	
Trichlorofluoromethane (Freon 11)	11.4	2.0	µg/L	10.0		114		70-130	2.16	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3	1.0	µg/L	10.0		103		70-130	0.484	25	
Vinyl Chloride	10.5	2.0	µg/L	10.0		105		40-160	2.82	25	†
m+p Xylene	21.0	2.0	µg/L	20.0		105		70-130	0.0953	25	
o-Xylene	10.1	1.0	µg/L	10.0		101		70-130	0.00	25	
Xylenes (total)	31.0	1.0	µg/L	30.0		103		0-200	0.0644		
Surrogate: 1,2-Dichloroethane-d4	*26.9*		µg/L	25.0		107		70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102		70-130			
Surrogate: 4-Bromofluorobenzene	*23.7*		µg/L	25.0		95.0		70-130			
Matrix Spike (B363714-MS1)	**Source: 24A1617-08**			Prepared: 01/18/24 Analyzed: 01/19/24							
Acetone	325	200	µg/L	400	ND	81.2		70-130			
Benzene	43.4	4.0	µg/L	40.0	ND	108		70-130			
Bromochloromethane	44.5	4.0	µg/L	40.0	ND	111		70-130			
Bromodichloromethane	44.4	2.0	µg/L	40.0	ND	111		70-130			
Bromoform	33.6	4.0	µg/L	40.0	ND	84.1		70-130			
Bromomethane	45.5	8.0	µg/L	40.0	ND	114		70-130			
2-Butanone (MEK)	369	80	µg/L	400	ND	92.2		70-130			
Carbon Disulfide	280	20	µg/L	400	ND	70.1		70-130			V-05
Carbon Tetrachloride	46.4	20	µg/L	40.0	ND	116		70-130			
Chlorobenzene	40.7	4.0	µg/L	40.0	ND	102		70-130			
Chlorodibromomethane	41.6	2.0	µg/L	40.0	ND	104		70-130			
Chloroethane	35.8	8.0	µg/L	40.0	ND	89.5		70-130			
Chloroform	42.7	8.0	µg/L	40.0	ND	107		70-130			
Chloromethane	45.8	8.0	µg/L	40.0	ND	115		70-130			
Cyclohexane	40.9	20	µg/L	40.0	ND	102		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	31.6	20	µg/L	40.0	ND	79.1		70-130			
1,2-Dibromoethane (EDB)	42.1	2.0	µg/L	40.0	ND	105		70-130			
1,2-Dichlorobenzene	40.0	4.0	µg/L	40.0	ND	99.9		70-130			
1,3-Dichlorobenzene	39.5	4.0	µg/L	40.0	ND	98.8		70-130			
1,4-Dichlorobenzene	37.0	4.0	µg/L	40.0	ND	92.5		70-130			
Dichlorodifluoromethane (Freon 12)	48.1	8.0	µg/L	40.0	ND	120		70-130			
1,1-Dichloroethane	39.5	4.0	µg/L	40.0	ND	98.7		70-130			
1,2-Dichloroethane	47.2	4.0	µg/L	40.0	ND	118		70-130			
1,1-Dichloroethylene	39.5	4.0	µg/L	40.0	1.32	95.4		70-130			
cis-1,2-Dichloroethylene	124	4.0	µg/L	40.0	81.8	106		70-130			
trans-1,2-Dichloroethylene	37.2	4.0	µg/L	40.0	ND	93.0		70-130			
1,2-Dichloropropane	43.6	4.0	µg/L	40.0	ND	109		70-130			
cis-1,3-Dichloropropene	41.1	2.0	µg/L	40.0	ND	103		70-130			
trans-1,3-Dichloropropene	41.6	2.0	µg/L	40.0	ND	104		70-130			
1,4-Dioxane	280	200	µg/L	400	ND	**69.9**	*	70-130			MS-24
Ethylbenzene	42.0	4.0	µg/L	40.0	ND	105		70-130			
2-Hexanone (MBK)	336	40	µg/L	400	ND	84.1		70-130			
Isopropylbenzene (Cumene)	39.5	4.0	µg/L	40.0	ND	98.7		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B363714 - SW-846 5030B											
Matrix Spike (B363714-MS1)	**Source: 24A1617-08**			Prepared: 01/18/24 Analyzed: 01/19/24							
Methyl Acetate	35.0	4.0	µg/L	40.0	ND	87.6		70-130			
Methyl tert-Butyl Ether (MTBE)	35.0	4.0	µg/L	40.0	ND	87.6		70-130			
Methyl Cyclohexane	42.0	4.0	µg/L	40.0	ND	105		70-130			
Methylene Chloride	36.4	20	µg/L	40.0	ND	90.9		70-130			
4-Methyl-2-pentanone (MIBK)	363	40	µg/L	400	ND	90.8		70-130			
Styrene	39.0	4.0	µg/L	40.0	ND	97.6		70-130			
1,1,2,2-Tetrachloroethane	35.0	2.0	µg/L	40.0	ND	87.5		70-130			
Tetrachloroethylene	50.6	4.0	µg/L	40.0	4.08	116		70-130			
Toluene	45.4	4.0	µg/L	40.0	ND	114		70-130			
1,2,3-Trichlorobenzene	33.5	20	µg/L	40.0	ND	83.8		70-130			
1,2,4-Trichlorobenzene	29.2	4.0	µg/L	40.0	ND	73.0		70-130			V-05
1,1,1-Trichloroethane	45.7	4.0	µg/L	40.0	ND	114		70-130			
1,1,2-Trichloroethane	43.5	4.0	µg/L	40.0	ND	109		70-130			
Trichloroethylene	458	4.0	µg/L	40.0	373	**212**	*	70-130			MS-19
Trichlorofluoromethane (Freon 11)	43.0	8.0	µg/L	40.0	ND	107		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	38.2	4.0	µg/L	40.0	ND	95.5		70-130			
Vinyl Chloride	45.1	8.0	µg/L	40.0	ND	113		70-130			
m+p Xylene	83.0	8.0	µg/L	80.0	ND	104		70-130			
o-Xylene	41.2	4.0	µg/L	40.0	ND	103		70-130			
Xylenes (total)	124	4.0	µg/L	120	ND	103		0-200			
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103		70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102		70-130			
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.0		70-130			
Matrix Spike Dup (B363714-MSD1)	**Source: 24A1617-08**			Prepared: 01/18/24 Analyzed: 01/19/24							
Acetone	350	200	µg/L	400	ND	87.6		70-130	7.50	30	
Benzene	42.8	4.0	µg/L	40.0	ND	107		70-130	1.39	30	
Bromochloromethane	40.1	4.0	µg/L	40.0	ND	100		70-130	10.5	30	
Bromodichloromethane	42.1	2.0	µg/L	40.0	ND	105		70-130	5.28	30	
Bromoform	32.8	4.0	µg/L	40.0	ND	81.9		70-130	2.65	30	
Bromomethane	42.7	8.0	µg/L	40.0	ND	107		70-130	6.26	30	
2-Butanone (MEK)	396	80	µg/L	400	ND	99.1		70-130	7.15	30	
Carbon Disulfide	278	20	µg/L	400	ND	**69.6**	*	70-130	0.745	30	MS-22, V-05
Carbon Tetrachloride	44.4	20	µg/L	40.0	ND	111		70-130	4.49	30	
Chlorobenzene	39.7	4.0	µg/L	40.0	ND	99.3		70-130	2.49	30	
Chlorodibromomethane	38.9	2.0	µg/L	40.0	ND	97.3		70-130	6.66	30	
Chloroethane	33.2	8.0	µg/L	40.0	ND	83.1		70-130	7.42	30	
Chloroform	41.2	8.0	µg/L	40.0	ND	103		70-130	3.63	30	
Chloromethane	42.2	8.0	µg/L	40.0	ND	105		70-130	8.36	30	
Cyclohexane	39.3	20	µg/L	40.0	ND	98.2		70-130	4.09	30	
1,2-Dibromo-3-chloropropane (DBCP)	34.2	20	µg/L	40.0	ND	85.4		70-130	7.66	30	
1,2-Dibromoethane (EDB)	40.7	2.0	µg/L	40.0	ND	102		70-130	3.29	30	
1,2-Dichlorobenzene	38.8	4.0	µg/L	40.0	ND	96.9		70-130	3.05	30	
1,3-Dichlorobenzene	38.2	4.0	µg/L	40.0	ND	95.5		70-130	3.40	30	
1,4-Dichlorobenzene	35.1	4.0	µg/L	40.0	ND	87.7		70-130	5.33	30	
Dichlorodifluoromethane (Freon 12)	47.1	8.0	µg/L	40.0	ND	118		70-130	2.18	30	
1,1-Dichloroethane	37.5	4.0	µg/L	40.0	ND	93.7		70-130	5.20	30	
1,2-Dichloroethane	45.4	4.0	µg/L	40.0	ND	114		70-130	3.80	30	
1,1-Dichloroethylene	38.0	4.0	µg/L	40.0	1.32	91.6		70-130	3.93	30	
cis-1,2-Dichloroethylene	120	4.0	µg/L	40.0	81.8	94.3		70-130	3.90	30	
trans-1,2-Dichloroethylene	36.8	4.0	µg/L	40.0	ND	91.9		70-130	1.19	30	
1,2-Dichloropropane	43.4	4.0	µg/L	40.0	ND	108		70-130	0.368	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B363714 - SW-846 5030B											
Matrix Spike Dup (B363714-MSD1)	**Source: 24A1617-08**			Prepared: 01/18/24 Analyzed: 01/19/24							
cis-1,3-Dichloropropene	40.8	2.0	µg/L	40.0	ND	102		70-130	0.683	30	
trans-1,3-Dichloropropene	42.1	2.0	µg/L	40.0	ND	105		70-130	1.15	30	
1,4-Dioxane	354	200	µg/L	400	ND	88.5		70-130	23.5	30	
Ethylbenzene	40.1	4.0	µg/L	40.0	ND	100		70-130	4.68	30	
2-Hexanone (MBK)	365	40	µg/L	400	ND	91.2		70-130	8.10	30	
Isopropylbenzene (Cumene)	38.1	4.0	µg/L	40.0	ND	95.2		70-130	3.61	30	
Methyl Acetate	36.6	4.0	µg/L	40.0	ND	91.4		70-130	4.25	30	
Methyl tert-Butyl Ether (MTBE)	35.0	4.0	µg/L	40.0	ND	87.4		70-130	0.229	30	
Methyl Cyclohexane	41.2	4.0	µg/L	40.0	ND	103		70-130	2.02	30	
Methylene Chloride	35.0	20	µg/L	40.0	ND	87.6		70-130	3.70	30	
4-Methyl-2-pentanone (MIBK)	384	40	µg/L	400	ND	95.9		70-130	5.46	30	
Styrene	38.0	4.0	µg/L	40.0	ND	95.0		70-130	2.70	30	
1,1,2,2-Tetrachloroethane	34.6	2.0	µg/L	40.0	ND	86.6		70-130	1.03	30	
Tetrachloroethylene	48.6	4.0	µg/L	40.0	4.08	111		70-130	4.03	30	
Toluene	43.6	4.0	µg/L	40.0	ND	109		70-130	4.14	30	
1,2,3-Trichlorobenzene	33.4	20	µg/L	40.0	ND	83.6		70-130	0.239	30	
1,2,4-Trichlorobenzene	31.0	4.0	µg/L	40.0	ND	77.6		70-130	6.11	30	V-05
1,1,1-Trichloroethane	44.6	4.0	µg/L	40.0	ND	112		70-130	2.39	30	
1,1,2-Trichloroethane	42.0	4.0	µg/L	40.0	ND	105		70-130	3.37	30	
Trichloroethylene	436	4.0	µg/L	40.0	373	**156**	*	70-130	4.99	30	MS-19
Trichlorofluoromethane (Freon 11)	42.5	8.0	µg/L	40.0	ND	106		70-130	1.12	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36.4	4.0	µg/L	40.0	ND	90.9		70-130	4.94	30	
Vinyl Chloride	42.8	8.0	µg/L	40.0	ND	107		70-130	5.18	30	
m+p Xylene	80.0	8.0	µg/L	80.0	ND	100		70-130	3.63	20	
o-Xylene	38.4	4.0	µg/L	40.0	ND	96.1		70-130	6.83	30	
Xylenes (total)	118	4.0	µg/L	120	ND	98.7		0-200	4.68		
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105		70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102		70-130			
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		96.7		70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
Xylenes (total)	ME,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

24A1617

RM

Pace Analytical®

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Fax: 612-607-6344

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name:	HRP Associates
Address:	1 Fairchild Sq., Clifton Park, NY
Phone:	518-877-7101
Project Name:	473 President St. - Off-site
Project Location:	Brooklyn, NY
Project Number:	C2242220A - DEC1035.P2
Project Manager:	Patrick Montuori
Pace Analytical Quote Name/Number:	
Invoice Recipient:	Marnie.DeLuke@dec.ny.gov
Sampled By:	RL

Requested Turnaround Time
7-Day [X] 10-Day [ ]
Due Date:

Rush-Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other: EQuIS
CLP Like Data Pkg Required: [X]
Email To: Patrick.Montuori@HRPAssociates.com
Fax To #:

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	TCL VOCs by EPA Method 8260	# of Containers	Preservation Code	Container Code
1	GW-WL-9(10)	1/15/24	1035		G	GW	V	X	26	H	V
2	GW-WL-9(20)		1130					X			
3	GW-WL-9(30)		1211					X			
4	GW-WL-9(40)		1300					X			
5	GW-WL-9(50)	1/15/24	1395		G	GW	V	X			
6	Equipment Blank-1	1/16/24	1130		G	O	V	X			
7	GW-WL-8(10)		1205		G	GW	V	X			
8	GW-WL-8(20)		1327					X			
9	GW-WL-8(30)		1428					X			
10	GW-WL-8(40)	1/16/24	1506		G	GW	V	X			

ANALYSIS REQUESTED

Dissolved Metals Sample
[ ] Field Filtered
[ ] Lab to Filter

Orthophosphate Sample
[ ] Field Filtered
[ ] Lab to Filter

Comments: Please provide a Cat B report.
Please send all data to Ted.Wall@HRPAssociates.com
ms/msd collected @ GW-WL-8(20)
Sample -11 "GW-WL-8(50)" canceled; submitted by client on work order 24A1891 - RJM 1/23/24

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define) Lab Water

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canis
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 1/17/24 1417
Received by: (signature)	Date/Time: 1/17/24 19:22
Relinquished by: (signature)	Date/Time: 1/17/24 18:30
Received by: (signature)	Date/Time: 1/17 18:45
Relinquished by: (signature)	Date/Time: 1/17

Program & Regulatory Information
[ ] AWQ STDS [ ] NY TOGS
[ ] NYC Sewer Discharge [ ] NY CP-51
[ ] Part 360 GW (Landfill)
[ ] NY Restricted Use
[ ] NY Unrestricted Use
[ ] NY Part 375
Other:

Deliverables
[ ] Enhanced Data Package
[ ] NYSDEC EQuIS EDD
[ ] EQuIS (Standard) EDD
[ ] NY Regulatory EDD
[ ] NY Regs Hits-Only EDD
Other:

Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] School

Other
[ ] Chromatogram

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

Sample Receipt Checklist

1/18/24

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Pace Analytical

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Fax: 413-525-6405
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CHAIN OF CUSTODY RECORD (AIR)

39 Spruce Street
East Longmeadow, MA 01028

Page 2 of 2

HRP Associates

Address: 1 Fairchild Square, Clifton Park, NY
Phone: 518-877-7101
473 President St. Off-site ~~543 Union St.~~ (2)
Project Location: Brooklyn, NY
Project Number: C224220A ~~C224220B~~ (2)
Project Manager: Patrick Montuori
Pace Quote Name/Number:
Invoice Recipient: Marnie DeLuke - NYSDEC
Sampled By: RL

7-Day [X] 10-Day [ ]
Due Date:

1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Format: PDF [X] EXCEL [X]
Other: EQuIS
CLP Like Data Pkg Required: [X]
Email To: Patrick.Montuori@hrpassociates.com
Fax To #:

ANALYSIS REQUESTED

Lab Use	Client Use	Collection Data		Duration	~~Flow Rate~~ Grab	~~Matrix Code~~	~~Volume Matrix~~	TCL VOCs by EPA Method 8260				" Hg			Please fill out completely, sign, date and retain the yellow copy for your records	
Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	m³/min L/min	Code	Liters m³					Initial Pressure	Final Pressure	Lab Receipt Pressure	Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply	For summa canister and flow controller information please refer to Con-Test's Air Media Agreement
															Summa Can ID	Flow Controller ID
11	GW-WL-8(50)	1/16/24	1506	—	Grab	U	GW	x							—	—
12	Equipment Blank_2	1/17/24	0945	—	Grab	U	Lab Water	x							—	—
13	GW-WL-10(10)		1037	—	Grab	U	GW	x							—	—
14	GW-WL-10(20)		1112	—	Grab	U	GW	x							—	—
15	GW-WL-10(30)	↓	1156	—	Grab	U	GW	x							—	—
16	GW-WL-10(40)	1/17/24	1408	—	Grab	U	GW	x							—	—

Comments: Please send a copy of all data to Ted.Wall@HRPAssociates.com
12 containers in total. (2 vials per sample)

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:
SG = SOIL GAS
IA = INDOOR AIR
AMB = AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = Other_____
GW = Ground water

Relinquished by: (signature)	Date/Time: 1/17/24 1417	Special Requirements
Received by: (signature)	Date/Time: 1/17/24 14:22	[ ] MA MCP Required
Relinquished by: (signature)	Date/Time: 1/17/24 18:30	[ ] MCP Certification Form Required
Received by: (signature)	Date/Time: 1/17 15:45	[ ] CT RCP Required
Relinquished by: (signature)	Date/Time: 1/17	[ ] RCP Certification Form Required
Received by: (signature)	Date/Time:	[ ] Other

Pace Analytical

NELAC and AIHA-LAP, LLC Accredited

Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] 21 J [ ] School
[ ] City [ ] Brownfield [ ] MBTA

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

Emailed 1/18/24 JD

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Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client HRP Associates

Project 473 President St - Off Site

MCP/RCP Required MA

Deliverable Package Requirement MA

Location Brooklyn, NY

PWSID# (When Applicable) MA

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time LA 11/8/24 855

Back-Sheet By / Date / Time LA 11/8/24 945

Temperature Method Gun #5

Temp ☑ < 6° C Actual Temperature 3.4

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

* Missing Sample 11 (GW-WL-8(SC))

* Extra Sample Received Dup-1

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☐	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☒ (LA)	☑
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☒ (LA)	☑
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☑	☒ (NA)
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client	☑	Analysis	☑	Sampler Name	☑
Project	☑	IDs	☑	Collection Date/Time	☑

All Samples Proper pH: (N/A) ☐ ☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Sample		
16oz Amb/Clear	(Circle Amb/Clear)	Soils Jars
8oz Amb/Clear		
4oz Amb/Clear		
2oz Amb/Clear		
Unpreserved	1 Liter	Ambers
HCL		
Sulfuric		
Sulfuric	250mL	
Phosphoric		
HCl		
Unpreserved	100mL	
Unpreserved	1 Liter	Plastics
Sulfuric		
Unpreserved	500mL	
Sulfuric		
Unpreserved	250mL	
Trizma		
Sulfuric		
Nitric		
NaOH		
Ammonium Acetate		
NaOH/Zinc		
Unpreserved		VOA Vials
HCl		
MeOH		
D.I. Water		
BiSulfate		
Col/Bact		Other / Fill in

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

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

January 24, 2024

Marnie Chancey
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: 473 President St, Brooklyn, NY
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 24A1891

Enclosed are results of analyses for samples as received by the laboratory on January 20, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

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

NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Marnie Chancey

REPORT DATE: 1/24/2024

PURCHASE ORDER NUMBER: 145808

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24A1891

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 473 President St, Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GW-WL-8(50)	24A1891-01	Ground Water		SW-846 8260D	
GW-WL-10(50)	24A1891-02	Ground Water		SW-846 8260D	
Equipment Blank_3	24A1891-03	Equipment Blank Water		SW-846 8260D	
GW-WL-2(10)	24A1891-04	Ground Water		SW-846 8260D	
GW-WL-2(20)	24A1891-05	Ground Water		SW-846 8260D	
GW-WL-2(30)	24A1891-06	Ground Water		SW-846 8260D	
GW-WL-2(40)	24A1891-07	Ground Water		SW-846 8260D	
GW-WL-2(50)	24A1891-08	Ground Water		SW-846 8260D	
Equipment Blank_4	24A1891-09	Equipment Blank Water		SW-846 8260D	
GW-WL-1(10)	24A1891-10	Ground Water		SW-846 8260D	
GW-WL-1(20)	24A1891-11	Ground Water		SW-846 8260D	
GW-WL-1(30)	24A1891-12	Ground Water		SW-846 8260D	
GW-WL-1(40)	24A1891-13	Ground Water		SW-846 8260D	
GW-WL-1(50)	24A1891-14	Ground Water		SW-846 8260D	
Equipment Blank_5	24A1891-15	Equipment Blank Water		SW-846 8260D	
Dup-2	24A1891-16	Ground Water		SW-846 8260D	
GW-WL-5(10)	24A1891-17	Ground Water		SW-846 8260D	
GW-WL-5(20)	24A1891-18	Ground Water		SW-846 8260D	
GW-WL-5(30)	24A1891-19	Ground Water		SW-846 8260D	
GW-WL-5(40)	24A1891-20	Ground Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Trichlorofluoromethane (Freon 11)
B363924-BS1

RL-13

Elevated reporting limit due to high concentration of non-target compounds.

Analyte & Samples(s) Qualified:

24A1891-04[GW-WL-2(10)]

V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:

Trichlorofluoromethane (Freon 11)
24A1891-02[GW-WL-10(50)], 24A1891-19[GW-WL-5(30)], 24A1891-20[GW-WL-5(40)], B363924-BS1, B363924-BSD1, B363924-MS1, B363924-MSD1, S099534-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
B363924-BS1, B363924-BSD1, B363924-MS1, B363924-MSD1, S099534-CCV1

Bromoform
B363924-BS1, B363924-BSD1, B363924-MS1, B363924-MSD1, S099534-CCV1

Bromomethane
B363924-BS1, B363924-BSD1, B363924-MS1, B363924-MSD1, S099534-CCV1

Methyl Acetate
B363924-BS1, B363924-BSD1, B363924-MS1, B363924-MSD1, S099534-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Technical Representative

con-test® A Pace Analytical® Laboratory

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-8(50) Sampled: 1/16/2024 15:06

Sample ID: 24A1891-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
cis-1,2-Dichloroethylene	0.48	1.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 12:18	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Methyl tert-Butyl Ether (MTBE)	0.19	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Tetrachloroethylene	1.2	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-8(50) | Sampled: 1/16/2024 15:06

Sample ID: 24A1891-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Trichloroethylene	0.89	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:18	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.9	70-130		1/23/24 12:18
Toluene-d8	97.6	70-130		1/23/24 12:18
4-Bromofluorobenzene	98.0	70-130		1/23/24 12:18

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-10(50) Sampled: 1/17/2024 14:44

Sample ID: 24A1891-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Chloroform	0.22	2.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,1-Dichloroethylene	0.37	1.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 12:44	EEH
cis-1,2-Dichloroethylene	0.86	1.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 12:44	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Methyl tert-Butyl Ether (MTBE)	0.30	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Tetrachloroethylene	35	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-10(50) | Sampled: 1/17/2024 14:44

Sample ID: 24A1891-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Trichloroethylene	1.4	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Trichlorofluoromethane (Freon 11)	0.22	2.0	0.15	µg/L	1	V-06, J	SW-846 8260D	1/22/24	1/23/24 12:44	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 12:44	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.0	70-130		1/23/24 12:44
Toluene-d8	98.6	70-130		1/23/24 12:44
4-Bromofluorobenzene	97.4	70-130		1/23/24 12:44

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: Equipment Blank_3 Sampled: 1/17/2024 15:30

Sample ID: 24A1891-03

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	5.4	50	2.0	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: Equipment Blank_3 | Sampled: 1/17/2024 15:30

Sample ID: 24A1891-03

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:00	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.8	70-130		1/23/24 11:00
Toluene-d8	97.6	70-130		1/23/24 11:00
4-Bromofluorobenzene	99.2	70-130		1/23/24 11:00

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-2(10) | Sampled: 1/18/2024 10:12

Sample ID: 24A1891-04

Sample Matrix: Ground Water

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	250	10	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Benzene	ND	5.0	0.92	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Bromochloromethane	ND	5.0	1.4	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Bromodichloromethane	ND	2.5	0.79	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Bromoform	ND	5.0	2.0	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Bromomethane	ND	10	6.6	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
2-Butanone (MEK)	ND	100	8.4	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Carbon Disulfide	ND	25	7.8	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Carbon Tetrachloride	ND	25	0.82	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Chlorobenzene	ND	5.0	0.59	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Chlorodibromomethane	ND	2.5	1.0	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Chloroethane	ND	10	1.7	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Chloroform	ND	10	0.70	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Chloromethane	ND	10	2.5	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Cyclohexane	18	25	8.8	µg/L	5	J	SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	4.3	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,2-Dibromoethane (EDB)	ND	2.5	0.80	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,2-Dichlorobenzene	ND	5.0	0.65	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,3-Dichlorobenzene	ND	5.0	0.68	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,4-Dichlorobenzene	ND	5.0	0.64	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Dichlorodifluoromethane (Freon 12)	ND	10	0.80	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,1-Dichloroethane	ND	5.0	0.68	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,2-Dichloroethane	ND	5.0	1.5	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,1-Dichloroethylene	ND	5.0	0.70	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
cis-1,2-Dichloroethylene	ND	5.0	0.70	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
trans-1,2-Dichloroethylene	ND	5.0	0.86	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,2-Dichloropropane	ND	5.0	0.97	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
cis-1,3-Dichloropropene	ND	2.5	0.82	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
trans-1,3-Dichloropropene	ND	2.5	0.71	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,4-Dioxane	ND	250	90	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Ethylbenzene	32	5.0	1.1	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
2-Hexanone (MBK)	ND	50	6.0	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Isopropylbenzene (Cumene)	190	5.0	0.76	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Methyl Acetate	ND	5.0	3.0	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	5.0	0.85	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Methyl Cyclohexane	14	5.0	0.78	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Methylene Chloride	ND	25	0.88	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
4-Methyl-2-pentanone (MIBK)	ND	50	6.6	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Styrene	ND	5.0	0.75	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,1,2,2-Tetrachloroethane	ND	2.5	0.68	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Tetrachloroethylene	ND	5.0	0.84	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Toluene	ND	5.0	1.1	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,2,3-Trichlorobenzene	ND	25	1.7	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,2,4-Trichlorobenzene	ND	5.0	1.5	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-2(10) | Sampled: 1/18/2024 10:12

Sample ID: 24A1891-04

Sample Matrix: Ground Water

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	5.0	0.75	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,1,2-Trichloroethane	ND	5.0	0.96	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Trichloroethylene	ND	5.0	0.87	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Trichlorofluoromethane (Freon 11)	ND	10	0.77	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	1.0	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Vinyl Chloride	ND	10	1.2	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH
Xylenes (total)	ND	5.0	5.0	µg/L	5		SW-846 8260D	1/22/24	1/23/24 19:15	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.6	70-130		1/23/24 19:15
Toluene-d8	97.2	70-130		1/23/24 19:15
4-Bromofluorobenzene	98.4	70-130		1/23/24 19:15

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-2(20) Sampled: 1/18/2024 10:52

Sample ID: 24A1891-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Chloroform	0.55	2.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Cyclohexane	14	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
cis-1,2-Dichloroethylene	2.3	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Ethylbenzene	2.5	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Isopropylbenzene (Cumene)	95	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Methyl Cyclohexane	8.3	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Toluene	0.77	1.0	0.22	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-2(20) | Sampled: 1/18/2024 10:52

Sample ID: 24A1891-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Vinyl Chloride	8.6	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:49	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93.1	70-130		1/23/24 18:49
Toluene-d8	96.8	70-130		1/23/24 18:49
4-Bromofluorobenzene	128	70-130		1/23/24 18:49

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-2(30) Sampled: 1/18/2024 11:31

Sample ID: 24A1891-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
cis-1,2-Dichloroethylene	5.5	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
trans-1,2-Dichloroethylene	0.43	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Methyl tert-Butyl Ether (MTBE)	0.44	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Tetrachloroethylene	51	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-2(30) | Sampled: 1/18/2024 11:31

Sample ID: 24A1891-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Trichloroethylene	6.6	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Vinyl Chloride	0.32	2.0	0.24	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 13:10	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:10	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.6	70-130		1/23/24 13:10
Toluene-d8	98.2	70-130		1/23/24 13:10
4-Bromofluorobenzene	102	70-130		1/23/24 13:10

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-2(40) | Sampled: 1/18/2024 12:12

Sample ID: 24A1891-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
cis-1,2-Dichloroethylene	4.2	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
trans-1,2-Dichloroethylene	0.37	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Methyl tert-Butyl Ether (MTBE)	0.21	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Tetrachloroethylene	39	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-2(40) | Sampled: 1/18/2024 12:12

Sample ID: 24A1891-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Trichloroethylene	5.3	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 13:36	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.0	70-130		1/23/24 13:36
Toluene-d8	97.6	70-130		1/23/24 13:36
4-Bromofluorobenzene	99.2	70-130		1/23/24 13:36

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-2(50) | Sampled: 1/18/2024 12:47

Sample ID: 24A1891-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
cis-1,2-Dichloroethylene	2.3	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
trans-1,2-Dichloroethylene	0.29	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Tetrachloroethylene	18	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-2(50) | Sampled: 1/18/2024 12:47

Sample ID: 24A1891-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Trichloroethylene	3.5	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:02	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.0	70-130		1/23/24 14:02
Toluene-d8	98.0	70-130		1/23/24 14:02
4-Bromofluorobenzene	98.1	70-130		1/23/24 14:02

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: Equipment Blank_4 Sampled: 1/18/2024 13:20

Sample ID: 24A1891-09

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	11	50	2.0	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: Equipment Blank_4 | Sampled: 1/18/2024 13:20

Sample ID: 24A1891-09

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:26	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.3	70-130		1/23/24 11:26
Toluene-d8	97.0	70-130		1/23/24 11:26
4-Bromofluorobenzene	99.9	70-130		1/23/24 11:26

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-1(10) | Sampled: 1/18/2024 14:30

Sample ID: 24A1891-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
cis-1,2-Dichloroethylene	5.2	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
trans-1,2-Dichloroethylene	0.70	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Methyl tert-Butyl Ether (MTBE)	0.19	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Tetrachloroethylene	10	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-1(10) | Sampled: 1/18/2024 14:30

Sample ID: 24A1891-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Trichloroethylene	5.4	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Vinyl Chloride	0.72	2.0	0.24	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 14:28	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:28	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.3	70-130		1/23/24 14:28
Toluene-d8	97.0	70-130		1/23/24 14:28
4-Bromofluorobenzene	99.6	70-130		1/23/24 14:28

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-1(20) | Sampled: 1/18/2024 15:11

Sample ID: 24A1891-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
cis-1,2-Dichloroethylene	3.6	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
trans-1,2-Dichloroethylene	0.38	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Methyl tert-Butyl Ether (MTBE)	0.46	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Tetrachloroethylene	21	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-1(20) | Sampled: 1/18/2024 15:11

Sample ID: 24A1891-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Trichloroethylene	7.1	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Vinyl Chloride	0.55	2.0	0.24	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 14:54	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 14:54	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.6	70-130		1/23/24 14:54
Toluene-d8	97.1	70-130		1/23/24 14:54
4-Bromofluorobenzene	99.4	70-130		1/23/24 14:54

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-1(30) Sampled: 1/18/2024 15:45

Sample ID: 24A1891-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
cis-1,2-Dichloroethylene	3.6	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
trans-1,2-Dichloroethylene	0.43	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Methyl tert-Butyl Ether (MTBE)	0.18	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Tetrachloroethylene	12	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-1(30) | Sampled: 1/18/2024 15:45

Sample ID: 24A1891-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Trichloroethylene	4.6	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:20	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.8	70-130		1/23/24 15:20
Toluene-d8	97.2	70-130		1/23/24 15:20
4-Bromofluorobenzene	97.1	70-130		1/23/24 15:20

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-1(40) | Sampled: 1/18/2024 08:23

Sample ID: 24A1891-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
cis-1,2-Dichloroethylene	0.31	1.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 15:46	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Tetrachloroethylene	2.3	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-1(40) | Sampled: 1/18/2024 08:23

Sample ID: 24A1891-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Trichloroethylene	0.74	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 15:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.4	70-130		1/23/24 15:46
Toluene-d8	97.8	70-130		1/23/24 15:46
4-Bromofluorobenzene	97.6	70-130		1/23/24 15:46

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-1(50) Sampled: 1/19/2024 09:28

Sample ID: 24A1891-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
cis-1,2-Dichloroethylene	1.0	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Methyl tert-Butyl Ether (MTBE)	0.26	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Tetrachloroethylene	5.2	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-1(50) | Sampled: 1/19/2024 09:28

Sample ID: 24A1891-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Trichloroethylene	2.0	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:13	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.8	70-130		1/23/24 16:13
Toluene-d8	98.4	70-130		1/23/24 16:13
4-Bromofluorobenzene	98.2	70-130		1/23/24 16:13

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

Project Location: 473 President St, Brooklyn, NY Sample Description: Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: Equipment Blank_5 Sampled: 1/19/2024 08:30

Sample ID: 24A1891-15

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	3.2	50	2.0	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Bromodichloromethane	6.5	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Chlorodibromomethane	0.66	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Chloroform	33	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Toluene	0.40	1.0	0.22	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: Equipment Blank_5 | Sampled: 1/19/2024 08:30

Sample ID: 24A1891-15

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 11:52	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.7	70-130		1/23/24 11:52
Toluene-d8	98.0	70-130		1/23/24 11:52
4-Bromofluorobenzene	98.0	70-130		1/23/24 11:52

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: Dup-2 | Sampled: 1/18/2024 00:00

Sample ID: 24A1891-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
cis-1,2-Dichloroethylene	3.6	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
trans-1,2-Dichloroethylene	0.37	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Methyl tert-Butyl Ether (MTBE)	0.50	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Tetrachloroethylene	22	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: Dup-2 | Sampled: 1/18/2024 00:00

Sample ID: 24A1891-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Trichloroethylene	7.4	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Vinyl Chloride	0.63	2.0	0.24	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 16:39	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 16:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.2	70-130		1/23/24 16:39
Toluene-d8	98.0	70-130		1/23/24 16:39
4-Bromofluorobenzene	99.8	70-130		1/23/24 16:39

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-5(10) | Sampled: 1/19/2024 11:43

Sample ID: 24A1891-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
cis-1,2-Dichloroethylene	1.2	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Methyl tert-Butyl Ether (MTBE)	0.22	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Tetrachloroethylene	33	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-5(10) | Sampled: 1/19/2024 11:43

Sample ID: 24A1891-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Trichloroethylene	2.8	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:05	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93.9	70-130		1/23/24 17:05
Toluene-d8	96.6	70-130		1/23/24 17:05
4-Bromofluorobenzene	102	70-130		1/23/24 17:05

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-5(20) | Sampled: 1/19/2024 12:24

Sample ID: 24A1891-18

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Chloroform	0.61	2.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,1-Dichloroethylene	0.28	1.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 17:31	EEH
cis-1,2-Dichloroethylene	1.5	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Methyl tert-Butyl Ether (MTBE)	0.36	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Tetrachloroethylene	42	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-5(20) | Sampled: 1/19/2024 12:24

Sample ID: 24A1891-18

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Trichloroethylene	2.9	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:31	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.8	70-130		1/23/24 17:31
Toluene-d8	98.0	70-130		1/23/24 17:31
4-Bromofluorobenzene	98.4	70-130		1/23/24 17:31

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-5(30) | Sampled: 1/19/2024 13:03

Sample ID: 24A1891-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Chloroform	0.35	2.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,1-Dichloroethylene	0.38	1.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 17:57	EEH
cis-1,2-Dichloroethylene	1.2	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Methyl tert-Butyl Ether (MTBE)	0.35	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Tetrachloroethylene	45	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH

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

Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-5(30) | Sampled: 1/19/2024 13:03

Sample ID: 24A1891-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Trichloroethylene	2.2	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Trichlorofluoromethane (Freon 11)	0.17	2.0	0.15	µg/L	1	V-06, J	SW-846 8260D	1/22/24	1/23/24 17:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 17:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.9	70-130		1/23/24 17:57
Toluene-d8	98.2	70-130		1/23/24 17:57
4-Bromofluorobenzene	98.1	70-130		1/23/24 17:57

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-5(40) | Sampled: 1/19/2024 13:56

Sample ID: 24A1891-20

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Chloroethane	ND	2.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,1-Dichloroethylene	0.34	1.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 18:23	EEH
cis-1,2-Dichloroethylene	0.81	1.0	0.14	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 18:23	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Methyl tert-Butyl Ether (MTBE)	0.25	1.0	0.17	µg/L	1	J	SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Tetrachloroethylene	37	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH

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Project Location: 473 President St, Brooklyn, NY | Sample Description: | Work Order: 24A1891

Date Received: 1/20/2024

Field Sample #: GW-WL-5(40) | Sampled: 1/19/2024 13:56

Sample ID: 24A1891-20

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Trichloroethylene	1.2	1.0	0.17	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Trichlorofluoromethane (Freon 11)	0.19	2.0	0.15	µg/L	1	V-06, J	SW-846 8260D	1/22/24	1/23/24 18:23	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/22/24	1/23/24 18:23	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.6	70-130		1/23/24 18:23
Toluene-d8	98.0	70-130		1/23/24 18:23
4-Bromofluorobenzene	99.2	70-130		1/23/24 18:23

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Sample Extraction Data

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24A1891-01 [GW-WL-8(50)]	B363924	5	5.00	01/22/24
24A1891-02 [GW-WL-10(50)]	B363924	5	5.00	01/22/24
24A1891-03 [Equipment Blank_3]	B363924	5	5.00	01/22/24
24A1891-04 [GW-WL-2(10)]	B363924	1	5.00	01/22/24
24A1891-05 [GW-WL-2(20)]	B363924	5	5.00	01/22/24
24A1891-06 [GW-WL-2(30)]	B363924	5	5.00	01/22/24
24A1891-07 [GW-WL-2(40)]	B363924	5	5.00	01/22/24
24A1891-08 [GW-WL-2(50)]	B363924	5	5.00	01/22/24
24A1891-09 [Equipment Blank_4]	B363924	5	5.00	01/22/24
24A1891-10 [GW-WL-1(10)]	B363924	5	5.00	01/22/24
24A1891-11 [GW-WL-1(20)]	B363924	5	5.00	01/22/24
24A1891-12 [GW-WL-1(30)]	B363924	5	5.00	01/22/24
24A1891-13 [GW-WL-1(40)]	B363924	5	5.00	01/22/24
24A1891-14 [GW-WL-1(50)]	B363924	5	5.00	01/22/24
24A1891-15 [Equipment Blank_5]	B363924	5	5.00	01/22/24
24A1891-16 [Dup-2]	B363924	5	5.00	01/22/24
24A1891-17 [GW-WL-5(10)]	B363924	5	5.00	01/22/24
24A1891-18 [GW-WL-5(20)]	B363924	5	5.00	01/22/24
24A1891-19 [GW-WL-5(30)]	B363924	5	5.00	01/22/24
24A1891-20 [GW-WL-5(40)]	B363924	5	5.00	01/22/24

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B363924 - SW-846 5030B										
Blank (B363924-BLK1)				Prepared: 01/22/24 Analyzed: 01/23/24						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B363924 - SW-846 5030B											
Blank (B363924-BLK1)				Prepared: 01/22/24 Analyzed: 01/23/24							
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*24.4*		µg/L	25.0		97.4	70-130				
Surrogate: Toluene-d8	*24.2*		µg/L	25.0		97.0	70-130				
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.5	70-130				
LCS (B363924-BS1)				Prepared: 01/22/24 Analyzed: 01/23/24							
Acetone	99.0	50	µg/L	100		99.0	70-160				†
Benzene	9.51	1.0	µg/L	10.0		95.1	70-130				
Bromochloromethane	10.7	1.0	µg/L	10.0		107	70-130				
Bromodichloromethane	10.8	0.50	µg/L	10.0		108	70-130				
Bromoform	11.4	1.0	µg/L	10.0		114	70-130			V-20	
Bromomethane	13.4	2.0	µg/L	10.0		134	40-160			V-20	†
2-Butanone (MEK)	85.6	20	µg/L	100		85.6	40-160				†
Carbon Disulfide	98.8	5.0	µg/L	100		98.8	70-130				
Carbon Tetrachloride	10.8	5.0	µg/L	10.0		108	70-130				
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130				
Chlorodibromomethane	10.9	0.50	µg/L	10.0		109	70-130				
Chloroethane	10.6	2.0	µg/L	10.0		106	70-130				
Chloroform	10.4	2.0	µg/L	10.0		104	70-130				
Chloromethane	8.35	2.0	µg/L	10.0		83.5	40-160				†
Cyclohexane	8.24	5.0	µg/L	10.0		82.4	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.2	5.0	µg/L	10.0		102	70-130				
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109	70-130				
1,2-Dichlorobenzene	9.82	1.0	µg/L	10.0		98.2	70-130				
1,3-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130				
1,4-Dichlorobenzene	9.85	1.0	µg/L	10.0		98.5	70-130				
Dichlorodifluoromethane (Freon 12)	10.6	2.0	µg/L	10.0		106	40-160				†
1,1-Dichloroethane	9.11	1.0	µg/L	10.0		91.1	70-130				
1,2-Dichloroethane	11.2	1.0	µg/L	10.0		112	70-130				
1,1-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130				
cis-1,2-Dichloroethylene	9.78	1.0	µg/L	10.0		97.8	70-130				
trans-1,2-Dichloroethylene	9.52	1.0	µg/L	10.0		95.2	70-130				
1,2-Dichloropropane	9.75	1.0	µg/L	10.0		97.5	70-130				
cis-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130				
trans-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130				
1,4-Dioxane	85.5	50	µg/L	100		85.5	40-130				†
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130				
2-Hexanone (MBK)	92.7	10	µg/L	100		92.7	70-160				†
Isopropylbenzene (Cumene)	10.4	1.0	µg/L	10.0		104	70-130				
Methyl Acetate	11.1	1.0	µg/L	10.0		111	70-130			V-20	
Methyl tert-Butyl Ether (MTBE)	9.33	1.0	µg/L	10.0		93.3	70-130				
Methyl Cyclohexane	10.0	1.0	µg/L	10.0		100	70-130				
Methylene Chloride	8.85	5.0	µg/L	10.0		88.5	70-130				
4-Methyl-2-pentanone (MIBK)	92.1	10	µg/L	100		92.1	70-160				†
Styrene	10.7	1.0	µg/L	10.0		107	70-130				
1,1,2,2-Tetrachloroethane	11.5	0.50	µg/L	10.0		115	70-130				
Tetrachloroethylene	11.6	1.0	µg/L	10.0		116	70-130				
Toluene	10.1	1.0	µg/L	10.0		101	70-130				
1,2,3-Trichlorobenzene	10.4	5.0	µg/L	10.0		104	70-130				
1,2,4-Trichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130				
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B363924 - SW-846 5030B												
LCS (B363924-BS1)				Prepared: 01/22/24 Analyzed: 01/23/24								
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104		70-130				
Trichloroethylene	10.5	1.0	µg/L	10.0		105		70-130				
Trichlorofluoromethane (Freon 11)	13.3	2.0	µg/L	10.0		**133**	*	70-130			L-07, V-06	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.9	1.0	µg/L	10.0		129		70-130			V-20	
Vinyl Chloride	10.2	2.0	µg/L	10.0		102		40-160				†
m+p Xylene	20.9	2.0	µg/L	20.0		105		70-130				
o-Xylene	10.4	1.0	µg/L	10.0		104		70-130				
Xylenes (total)	31.3	1.0	µg/L	30.0		104		0-200				
Surrogate: 1,2-Dichloroethane-d4	*25.3*		µg/L	25.0		101		70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.6		70-130				
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101		70-130				
LCS Dup (B363924-BSD1)				Prepared: 01/22/24 Analyzed: 01/23/24								
Acetone	97.8	50	µg/L	100		97.8		70-160	1.23	25		†
Benzene	9.32	1.0	µg/L	10.0		93.2		70-130	2.02	25		
Bromochloromethane	10.5	1.0	µg/L	10.0		105		70-130	2.17	25		
Bromodichloromethane	10.6	0.50	µg/L	10.0		106		70-130	2.15	25		
Bromoform	11.5	1.0	µg/L	10.0		115		70-130	0.262	25	V-20	
Bromomethane	13.5	2.0	µg/L	10.0		135		40-160	1.12	25	V-20	†
2-Butanone (MEK)	84.6	20	µg/L	100		84.6		40-160	1.29	25		†
Carbon Disulfide	96.6	5.0	µg/L	100		96.6		70-130	2.21	25		
Carbon Tetrachloride	9.83	5.0	µg/L	10.0		98.3		70-130	9.77	25		
Chlorobenzene	10.5	1.0	µg/L	10.0		105		70-130	1.23	25		
Chlorodibromomethane	11.0	0.50	µg/L	10.0		110		70-130	0.824	25		
Chloroethane	10.7	2.0	µg/L	10.0		107		70-130	0.658	25		
Chloroform	10.2	2.0	µg/L	10.0		102		70-130	1.75	25		
Chloromethane	8.45	2.0	µg/L	10.0		84.5		40-160	1.19	25		†
Cyclohexane	8.05	5.0	µg/L	10.0		80.5		70-130	2.33	25		
1,2-Dibromo-3-chloropropane (DBCP)	10.6	5.0	µg/L	10.0		106		70-130	4.33	25		
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.0		111		70-130	1.55	25		
1,2-Dichlorobenzene	9.82	1.0	µg/L	10.0		98.2		70-130	0.00	25		
1,3-Dichlorobenzene	9.97	1.0	µg/L	10.0		99.7		70-130	0.400	25		
1,4-Dichlorobenzene	9.79	1.0	µg/L	10.0		97.9		70-130	0.611	25		
Dichlorodifluoromethane (Freon 12)	10.4	2.0	µg/L	10.0		104		40-160	2.00	25		†
1,1-Dichloroethane	9.42	1.0	µg/L	10.0		94.2		70-130	3.35	25		
1,2-Dichloroethane	9.97	1.0	µg/L	10.0		99.7		70-130	11.2	25		
1,1-Dichloroethylene	10.7	1.0	µg/L	10.0		107		70-130	2.04	25		
cis-1,2-Dichloroethylene	9.26	1.0	µg/L	10.0		92.6		70-130	5.46	25		
trans-1,2-Dichloroethylene	9.18	1.0	µg/L	10.0		91.8		70-130	3.64	25		
1,2-Dichloropropane	9.52	1.0	µg/L	10.0		95.2		70-130	2.39	25		
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103		70-130	0.482	25		
trans-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104		70-130	0.0957	25		
1,4-Dioxane	91.1	50	µg/L	100		91.1		40-130	6.33	50		† ‡
Ethylbenzene	10.3	1.0	µg/L	10.0		103		70-130	3.71	25		
2-Hexanone (MBK)	91.7	10	µg/L	100		91.7		70-160	1.05	25		†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101		70-130	2.44	25		
Methyl Acetate	11.6	1.0	µg/L	10.0		116		70-130	4.85	25	V-20	
Methyl tert-Butyl Ether (MTBE)	9.40	1.0	µg/L	10.0		94.0		70-130	0.747	25		
Methyl Cyclohexane	9.75	1.0	µg/L	10.0		97.5		70-130	3.03	25		
Methylene Chloride	8.56	5.0	µg/L	10.0		85.6		70-130	3.33	25		
4-Methyl-2-pentanone (MIBK)	92.1	10	µg/L	100		92.1		70-160	0.0543	25		†
Styrene	10.5	1.0	µg/L	10.0		105		70-130	2.45	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B363924 - SW-846 5030B										
LCS Dup (B363924-BSD1)				Prepared: 01/22/24 Analyzed: 01/23/24						
1,1,2,2-Tetrachloroethane	11.5	0.50	µg/L	10.0		115	70-130	0.174	25	
Tetrachloroethylene	11.4	1.0	µg/L	10.0		114	70-130	2.00	25	
Toluene	9.97	1.0	µg/L	10.0		99.7	70-130	1.30	25	
1,2,3-Trichlorobenzene	10.5	5.0	µg/L	10.0		105	70-130	0.383	25	
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	1.17	25	
1,1,1-Trichloroethane	10.6	1.0	µg/L	10.0		106	70-130	2.34	25	
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130	1.05	25	
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130	0.760	25	
Trichlorofluoromethane (Freon 11)	13.0	2.0	µg/L	10.0		130	70-130	1.98	25	V-06
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3	1.0	µg/L	10.0		123	70-130	4.60	25	V-20
Vinyl Chloride	9.60	2.0	µg/L	10.0		96.0	40-160	5.57	25	†
m+p Xylene	20.4	2.0	µg/L	20.0		102	70-130	2.71	25	
o-Xylene	10.0	1.0	µg/L	10.0		100	70-130	3.43	25	
Xylenes (total)	30.4	1.0	µg/L	30.0		101	0-200	2.95		
Surrogate: 1,2-Dichloroethane-d4	*24.1*		µg/L	25.0		96.3	70-130			
Surrogate: Toluene-d8	*24.6*		µg/L	25.0		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100	70-130			
Matrix Spike (B363924-MS1)	**Source: 24A1891-10**			Prepared: 01/22/24 Analyzed: 01/23/24						
Acetone	84.0	50	µg/L	100	ND	84.0	70-130			
Benzene	8.17	1.0	µg/L	10.0	ND	81.7	70-130			
Bromochloromethane	9.05	1.0	µg/L	10.0	ND	90.5	70-130			
Bromodichloromethane	9.40	0.50	µg/L	10.0	ND	94.0	70-130			
Bromoform	10.4	1.0	µg/L	10.0	ND	104	70-130			V-20
Bromomethane	12.1	2.0	µg/L	10.0	ND	121	70-130			V-20
2-Butanone (MEK)	73.4	20	µg/L	100	ND	73.4	70-130			
Carbon Disulfide	86.2	5.0	µg/L	100	ND	86.2	70-130			
Carbon Tetrachloride	9.14	5.0	µg/L	10.0	ND	91.4	70-130			
Chlorobenzene	9.60	1.0	µg/L	10.0	ND	96.0	70-130			
Chlorodibromomethane	9.78	0.50	µg/L	10.0	ND	97.8	70-130			
Chloroethane	9.37	2.0	µg/L	10.0	ND	93.7	70-130			
Chloroform	8.84	2.0	µg/L	10.0	ND	88.4	70-130			
Chloromethane	7.53	2.0	µg/L	10.0	ND	75.3	70-130			
Cyclohexane	7.17	5.0	µg/L	10.0	ND	71.7	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.01	5.0	µg/L	10.0	ND	90.1	70-130			
1,2-Dibromoethane (EDB)	9.93	0.50	µg/L	10.0	ND	99.3	70-130			
1,2-Dichlorobenzene	8.98	1.0	µg/L	10.0	ND	89.8	70-130			
1,3-Dichlorobenzene	8.93	1.0	µg/L	10.0	ND	89.3	70-130			
1,4-Dichlorobenzene	8.84	1.0	µg/L	10.0	ND	88.4	70-130			
Dichlorodifluoromethane (Freon 12)	9.07	2.0	µg/L	10.0	ND	90.7	70-130			
1,1-Dichloroethane	7.88	1.0	µg/L	10.0	ND	78.8	70-130			
1,2-Dichloroethane	10.2	1.0	µg/L	10.0	ND	102	70-130			
1,1-Dichloroethylene	9.42	1.0	µg/L	10.0	ND	94.2	70-130			
cis-1,2-Dichloroethylene	13.1	1.0	µg/L	10.0	5.24	78.6	70-130			
trans-1,2-Dichloroethylene	9.06	1.0	µg/L	10.0	0.700	83.6	70-130			
1,2-Dichloropropane	8.37	1.0	µg/L	10.0	ND	83.7	70-130			
cis-1,3-Dichloropropene	8.72	0.50	µg/L	10.0	ND	87.2	70-130			
trans-1,3-Dichloropropene	8.96	0.50	µg/L	10.0	ND	89.6	70-130			
1,4-Dioxane	82.9	50	µg/L	100	ND	82.9	70-130			
Ethylbenzene	9.62	1.0	µg/L	10.0	ND	96.2	70-130			
2-Hexanone (MBK)	82.8	10	µg/L	100	ND	82.8	70-130			
Isopropylbenzene (Cumene)	9.31	1.0	µg/L	10.0	ND	93.1	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B363924 - SW-846 5030B										
Matrix Spike (B363924-MS1)	**Source: 24A1891-10**			Prepared: 01/22/24 Analyzed: 01/23/24						
Methyl Acetate	7.94	1.0	µg/L	10.0	ND	79.4	70-130			V-20
Methyl tert-Butyl Ether (MTBE)	8.06	1.0	µg/L	10.0	0.190	78.7	70-130			
Methyl Cyclohexane	9.43	1.0	µg/L	10.0	ND	94.3	70-130			
Methylene Chloride	7.30	5.0	µg/L	10.0	ND	73.0	70-130			
4-Methyl-2-pentanone (MIBK)	82.9	10	µg/L	100	ND	82.9	70-130			
Styrene	9.41	1.0	µg/L	10.0	ND	94.1	70-130			
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.0	ND	102	70-130			
Tetrachloroethylene	21.0	1.0	µg/L	10.0	10.1	109	70-130			
Toluene	9.14	1.0	µg/L	10.0	ND	91.4	70-130			
1,2,3-Trichlorobenzene	9.03	5.0	µg/L	10.0	ND	90.3	70-130			
1,2,4-Trichlorobenzene	9.10	1.0	µg/L	10.0	ND	91.0	70-130			
1,1,1-Trichloroethane	9.43	1.0	µg/L	10.0	ND	94.3	70-130			
1,1,2-Trichloroethane	9.51	1.0	µg/L	10.0	ND	95.1	70-130			
Trichloroethylene	15.5	1.0	µg/L	10.0	5.44	100	70-130			
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0	ND	106	70-130			V-06
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0	1.0	µg/L	10.0	ND	110	70-130			V-20
Vinyl Chloride	9.33	2.0	µg/L	10.0	0.720	86.1	70-130			
m+p Xylene	18.8	2.0	µg/L	20.0	ND	93.9	70-130			
o-Xylene	9.17	1.0	µg/L	10.0	ND	91.7	70-130			
Xylenes (total)	28.0	1.0	µg/L	30.0	ND	93.2	0-200			
Surrogate: 1,2-Dichloroethane-d4	*23.6*		µg/L	25.0		94.2	70-130			
Surrogate: Toluene-d8	*24.4*		µg/L	25.0		97.5	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100	70-130			
Matrix Spike Dup (B363924-MSD1)	**Source: 24A1891-10**			Prepared: 01/22/24 Analyzed: 01/23/24						
Acetone	86.1	50	µg/L	100	ND	86.1	70-130	2.49	30	
Benzene	8.89	1.0	µg/L	10.0	ND	88.9	70-130	8.44	30	
Bromochloromethane	9.76	1.0	µg/L	10.0	ND	97.6	70-130	7.55	30	
Bromodichloromethane	10.2	0.50	µg/L	10.0	ND	102	70-130	7.97	30	
Bromoform	10.8	1.0	µg/L	10.0	ND	108	70-130	4.16	30	V-20
Bromomethane	12.2	2.0	µg/L	10.0	ND	122	70-130	1.32	30	V-20
2-Butanone (MEK)	74.9	20	µg/L	100	ND	74.9	70-130	2.04	30	
Carbon Disulfide	95.8	5.0	µg/L	100	ND	95.8	70-130	10.5	30	
Carbon Tetrachloride	9.82	5.0	µg/L	10.0	ND	98.2	70-130	7.17	30	
Chlorobenzene	10.4	1.0	µg/L	10.0	ND	104	70-130	7.81	30	
Chlorodibromomethane	10.1	0.50	µg/L	10.0	ND	101	70-130	3.42	30	
Chloroethane	10.5	2.0	µg/L	10.0	ND	105	70-130	11.7	30	
Chloroform	9.49	2.0	µg/L	10.0	ND	94.9	70-130	7.09	30	
Chloromethane	8.28	2.0	µg/L	10.0	ND	82.8	70-130	9.49	30	
Cyclohexane	8.16	5.0	µg/L	10.0	ND	81.6	70-130	12.9	30	
1,2-Dibromo-3-chloropropane (DBCP)	9.63	5.0	µg/L	10.0	ND	96.3	70-130	6.65	30	
1,2-Dibromoethane (EDB)	9.94	0.50	µg/L	10.0	ND	99.4	70-130	0.101	30	
1,2-Dichlorobenzene	9.41	1.0	µg/L	10.0	ND	94.1	70-130	4.68	30	
1,3-Dichlorobenzene	9.60	1.0	µg/L	10.0	ND	96.0	70-130	7.23	30	
1,4-Dichlorobenzene	9.72	1.0	µg/L	10.0	ND	97.2	70-130	9.48	30	
Dichlorodifluoromethane (Freon 12)	10.5	2.0	µg/L	10.0	ND	105	70-130	14.9	30	
1,1-Dichloroethane	8.62	1.0	µg/L	10.0	ND	86.2	70-130	8.97	30	
1,2-Dichloroethane	9.63	1.0	µg/L	10.0	ND	96.3	70-130	5.85	30	
1,1-Dichloroethylene	10.6	1.0	µg/L	10.0	ND	106	70-130	12.0	30	
cis-1,2-Dichloroethylene	13.5	1.0	µg/L	10.0	5.24	82.4	70-130	2.86	30	
trans-1,2-Dichloroethylene	9.78	1.0	µg/L	10.0	0.700	90.8	70-130	7.64	30	
1,2-Dichloropropane	9.34	1.0	µg/L	10.0	ND	93.4	70-130	11.0	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B363924 - SW-846 5030B										
Matrix Spike Dup (B363924-MSD1)	**Source: 24A1891-10**			Prepared: 01/22/24 Analyzed: 01/23/24						
cis-1,3-Dichloropropene	9.27	0.50	µg/L	10.0	ND	92.7	70-130	6.11	30	
trans-1,3-Dichloropropene	9.24	0.50	µg/L	10.0	ND	92.4	70-130	3.08	30	
1,4-Dioxane	79.0	50	µg/L	100	ND	79.0	70-130	4.74	30	
Ethylbenzene	10.4	1.0	µg/L	10.0	ND	104	70-130	7.98	30	
2-Hexanone (MBK)	85.8	10	µg/L	100	ND	85.8	70-130	3.61	30	
Isopropylbenzene (Cumene)	10.2	1.0	µg/L	10.0	ND	102	70-130	8.63	30	
Methyl Acetate	9.03	1.0	µg/L	10.0	ND	90.3	70-130	12.8	30	V-20
Methyl tert-Butyl Ether (MTBE)	8.61	1.0	µg/L	10.0	0.190	84.2	70-130	6.60	30	
Methyl Cyclohexane	10.1	1.0	µg/L	10.0	ND	101	70-130	6.56	30	
Methylene Chloride	7.83	5.0	µg/L	10.0	ND	78.3	70-130	7.01	30	
4-Methyl-2-pentanone (MIBK)	85.3	10	µg/L	100	ND	85.3	70-130	2.85	30	
Styrene	10.2	1.0	µg/L	10.0	ND	102	70-130	7.76	30	
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.0	ND	107	70-130	4.97	30	
Tetrachloroethylene	21.0	1.0	µg/L	10.0	10.1	110	70-130	0.286	30	
Toluene	9.96	1.0	µg/L	10.0	ND	99.6	70-130	8.59	30	
1,2,3-Trichlorobenzene	9.77	5.0	µg/L	10.0	ND	97.7	70-130	7.87	30	
1,2,4-Trichlorobenzene	9.76	1.0	µg/L	10.0	ND	97.6	70-130	7.00	30	
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0	ND	101	70-130	6.76	30	
1,1,2-Trichloroethane	9.64	1.0	µg/L	10.0	ND	96.4	70-130	1.36	30	
Trichloroethylene	15.9	1.0	µg/L	10.0	5.44	104	70-130	2.74	30	
Trichlorofluoromethane (Freon 11)	12.8	2.0	µg/L	10.0	ND	128	70-130	18.7	30	V-06
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3	1.0	µg/L	10.0	ND	123	70-130	10.7	30	V-20
Vinyl Chloride	10.2	2.0	µg/L	10.0	0.720	95.1	70-130	9.20	30	
m+p Xylene	20.6	2.0	µg/L	20.0	ND	103	70-130	9.15	20	
o-Xylene	9.94	1.0	µg/L	10.0	ND	99.4	70-130	8.06	30	
Xylenes (total)	30.5	1.0	µg/L	30.0	ND	102	0-200	8.79		
Surrogate: 1,2-Dichloroethane-d4	*23.5*		µg/L	25.0		93.9	70-130			
Surrogate: Toluene-d8	*24.6*		µg/L	25.0		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	*25.4*		µg/L	25.0		101	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
RL-13	Elevated reporting limit due to high concentration of non-target compounds.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
Xylenes (total)	ME,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

Pace Analytical®

Phone: 612-607-6400
Fax: 612-607-6344

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

1800 Elm Street SE
Minneapolis, MN 55414

24A1891

CHAIN OF CUSTODY RECORD (New York)

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: HRP Associates
Address: 1 Fairchild Sq, Clifton Park, NY
Phone: 518-877-7101
Project Name: 473 President St- offsite
Project Location: Brooklyn, NY
Project Number: C224220A
Project Manager: Patrick Montuori
Pace Analytical Quote Name/Number:
Invoice Recipient: Marnie DeLuke-NYSDEC
Sampled By: RL

Requested Turnaround Time
7-Day [x] 10-Day [ ]
Due Date:

Rush-Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [x] EXCEL [x]
Other: EQuIS
CLP Like Data Pkg Required: [x]
Email To: Patrick.Montuori@HRPAssociates.com
Fax To #:

ANALYSIS REQUESTED

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	TCL VOCs by EPA Method 8260	# of Containers	Preservation Code	Container Code
1	GW-WL-8(50)	1/16/24	1506		x	GW	U	x	2	H	V
2	GW-WL-10(50)	1/17/24	1444		x	GW	U	x	2	H	V
3	Equipment Blank_3	1/17/24	1530		x	Lab water	C	x	2	H	V
4	GW-WL-2(10)	1/18/24	1012		x	GW	U	x	2	H	V
5	GW-WL-2(20)		1052		x	GW	U	x	2	H	V
6	GW-WL-2(30)		1131		x	GW	U	x	2	H	V
7	GW-WL-2(40)		1212		x	GW	U	x	2	H	V
8	GW-WL-2(50)		1247		x	GW	U	x	2	H	V
9	Equipment Blank_4	↓	1320		x	Lab water	C	x	2	H	V
10	GW-WL-1(10)	1/18/24	1430		x	GW	U	x	2	H	V

Comments: MS/MSD collected @ GW-WL-1(10)
Please send a copy of all data to Ted.Wall@HRPAssociates.com

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals Samples
[ ] Field Filtered
[ ] Lab to Filter

Orthophosphate Samples
[ ] Field Filtered
[ ] Lab to Filter

[1] Matrix Codes:
GW = Ground Water
W/W = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time:
	1/19/24 1930
Received by: (signature)	Date/Time:
	1/20/24 8:00
Relinquished by: (signature)	Date/Time:
	1/20/24 8:00
Received by: (signature) 2.3	Date/Time:
	1/20/24 1155
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Program & Regulatory Information
[ ] AWQ STDS [ ] NY TOGS
[ ] NYC Sewer Discharge [ ] NY CP-51
[ ] Part 360 GW (Landfill)
[ ] NY Restricted Use
[ ] NY Unrestricted Use
[ ] NY Part 375
Other:

Deliverables
[ ] Enhanced Data Package
[ ] NYSDEC EQuIS EDD
[ ] EQuIS (Standard) EDD
[ ] NY Regulatory EDD
[ ] NY Regs Hits-Only EDD
Other:

Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] 21 J [ ] School
[ ] City [ ] Brownfield [ ] MBTA

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number Here

MTJL Log-in Number Here: 24A1891

ALL SHADED AREAS are for LAB USE ONLY

Company: HRP Associates	Billing Information: NYSDEC - Marnie DeLuke
Address: 1 Fairchild Sq, Clifton Park, NY	
Report To: Patrick.Montvori@HRPAssociates.com	Email To:
Copy To:	Site Collection Info/Address: 473 President St, Brooklyn, NY
Customer Project Name/Number: 473 President St - offsite - C224220A	State: NY County/City: Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: 518-877-7101 Email:	Site/Facility ID #: C224220A
Collected By (print): RL	Purchase Order # : Quote #:
Collected By (signature):	Turnaround Date Required: 7 days
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [ ] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type ** : 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:

Analyses: TCL VOCs by EPA Method 8260

Lab Profile/Line:

	Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TCL VOCs by EPA Method 8260
11	GW-WL-1 (20)	GW	G	1/18/24	1511				2	x
12	GW-WL-1 (30)	GW		1/18/24	1545				2	x
13	GW-WL-1 (40)	GW		1/19/24	0823				2	x
14	GW-WL-1 (50)	GW		1/19/24	0928				2	x
15	Equipment Blank-5	Lab water		1/18/24	0870				2	x
16	DUP-2	GW		1/18/24	—				2	x
17	GW-WL-5 (10)	GW		1/19/24	1143				2	x
18	GW-WL-5 (20)	GW			1224				2	x
19	GW-WL-5 (30)	GW			1303				2	x
20	GW-WL-5 (40)	GW	G	1/19/24	1356				2	x

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY: Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards: Please see Page 1

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours) : Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#:

Cooler 1 Temp Upon Receipt: __oC

Cooler 1 Therm Corr. Factor: __oC

Cooler 1 Corrected Temp: __oC

Comments:

Relinquished by/Company: (Signature)	Date/Time: 1/19/24 1830	Received by/Company: (Signature)	Date/Time: 1/20/24 9:00
Relinquished by/Company: (Signature)	Date/Time: 1/20/24	Received by/Company: (Signature) CCA VM 23	Date/Time: 1/20/24 1259
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client HRP

Project C224220A

MCP/RCP Required NO

Deliverable Package Requirement NO

Location NY

PWSID# (When Applicable) NA

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time JL 1/20/24 1255

Back-Sheet By / Date / Time JL 1/20/24 1511

Temperature Method GUN # 5

Temp < 6° C Actual Temperature 2.3

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☑	☐
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client	☑	Analysis	☑	Sampler Name	☑
Project	☑	IDs	☑	Collection Date/Time	☑

All Samples Proper pH: N/A ☐ ☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Sample																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Soils Jars (Circle Amb/Clear) 16oz Amb/Clear																				
8oz Amb/Clear																				
4oz Amb/Clear																				
2oz Amb/Clear																				
Ambers 1 Liter Unpreserved																				
1 Liter HCL																				
1 Liter Sulfuric																				
250mL Sulfuric																				
250mL Phosphoric																				
250mL HCl																				
100mL Unpreserved																				
Plastics 1 Liter Unpreserved																				
1 Liter Sulfuric																				
500mL Unpreserved																				
500mL Sulfuric																				
250mL Unpreserved																				
250mL Trizma																				
250mL Sulfuric																				
250mL Nitric																				
250mL NaOH																				
250mL Ammonium Acetate																				
250mL NaOH/Zinc																				
VOA Vials Unpreserved																				
VOA Vials HCl	2	2								2	2	2								
VOA Vials MeOH																				
VOA Vials D.I. Water																				
VOA Vials BiSulfate																				
Other / Fill in Col/Bact																				
Other / Fill in																				
Other / Fill in																				
Other / Fill in																				
Other / Fill in																				

Qualtrax ID: 120836

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A Pace Analytical® Laboratory

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

January 29, 2024

Patrick Montuori
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: Brooklyn, NY
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 24A2191

Enclosed are results of analyses for samples as received by the laboratory on January 24, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

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

NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Patrick Montuori

REPORT DATE: 1/29/2024

PURCHASE ORDER NUMBER: 145808

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24A2191

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Equipment Blank_6	24A2191-01	Equipment Blank Water		SW-846 8260D	
GW-WL-4(9)	24A2191-02	Ground Water		SW-846 8260D	
GW-WL-4(20)	24A2191-03	Ground Water		SW-846 8260D	
GW-WL-4(30)	24A2191-04	Ground Water		SW-846 8260D	
GW-WL-4(40)	24A2191-05	Ground Water		SW-846 8260D	
GW-WL-4(50)	24A2191-06	Ground Water		SW-846 8260D	
Equipment Blank_7	24A2191-07	Equipment Blank Water		SW-846 8260D	
GW-WL-3(20)	24A2191-08	Ground Water		SW-846 8260D	
GW-WL-3(28.5)	24A2191-09	Ground Water		SW-846 8260D	
GW-WL-3(33.5)	24A2191-10	Ground Water		SW-846 8260D	
GW-WL-3(40)	24A2191-11	Ground Water		SW-846 8260D	
GW-WL-3(50)	24A2191-12	Ground Water		SW-846 8260D	

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

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

1,2-Dichloroethane

B364206-BS1, B364206-BSD1, S099650-CCV1

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Carbon Disulfide

24A2191-01[Equipment Blank_6], 24A2191-02[GW-WL-4(9)], 24A2191-03[GW-WL-4(20)], 24A2191-04[GW-WL-4(30)], 24A2191-05[GW-WL-4(40)], 24A2191-06[GW-WL-4(50)], 24A2191-07[Equipment Blank_7], 24A2191-08[GW-WL-3(20)], 24A2191-09[GW-WL-3(28.5)], 24A2191-10[GW-WL-3(33.5)], 24A2191-11[GW-WL-3(40)], 24A2191-12[GW-WL-3(50)], B364206-BLK1, B364206-BS1, B364206-BSD1, S099650-CCV1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

24A2191-08[GW-WL-3(20)]

RL-13

Elevated reporting limit due to high concentration of non-target compounds.

Analyte & Samples(s) Qualified:

24A2191-10[GW-WL-3(33.5)]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Carbon Disulfide

24A2191-01[Equipment Blank_6], 24A2191-02[GW-WL-4(9)], 24A2191-03[GW-WL-4(20)], 24A2191-04[GW-WL-4(30)], 24A2191-05[GW-WL-4(40)], 24A2191-06[GW-WL-4(50)], 24A2191-07[Equipment Blank_7], 24A2191-08[GW-WL-3(20)], 24A2191-09[GW-WL-3(28.5)], 24A2191-10[GW-WL-3(33.5)], 24A2191-11[GW-WL-3(40)], 24A2191-12[GW-WL-3(50)], B364206-BLK1, B364206-BS1, B364206-BSD1, S099650-CCV1

Chloroethane

24A2191-01[Equipment Blank_6], 24A2191-02[GW-WL-4(9)], 24A2191-03[GW-WL-4(20)], 24A2191-04[GW-WL-4(30)], 24A2191-05[GW-WL-4(40)], 24A2191-06[GW-WL-4(50)], 24A2191-07[Equipment Blank_7], 24A2191-08[GW-WL-3(20)], 24A2191-09[GW-WL-3(28.5)], 24A2191-10[GW-WL-3(33.5)], 24A2191-11[GW-WL-3(40)], 24A2191-12[GW-WL-3(50)], B364206-BLK1, B364206-BS1, B364206-BSD1, S099650-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

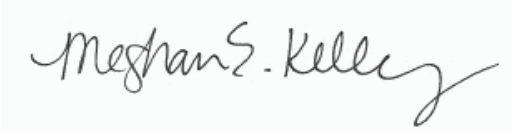
Analyte & Samples(s) Qualified:

1,2-Dichloroethane

B364206-BS1, B364206-BSD1, S099650-CCV1

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

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: Equipment Blank_6 | Sampled: 1/22/2024 09:00

Sample ID: 24A2191-01

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	V-05	SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: Equipment Blank_6 | Sampled: 1/22/2024 09:00

Sample ID: 24A2191-01

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 0:45	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	109	70-130		1/26/24	0:45
Toluene-d8	97.3	70-130		1/26/24	0:45
4-Bromofluorobenzene	86.4	70-130		1/26/24	0:45

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-4(9) | Sampled: 1/22/2024 09:47

Sample ID: 24A2191-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	V-05	SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Chloroform	0.43	2.0	0.14	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-4(9) | Sampled: 1/22/2024 09:47

Sample ID: 24A2191-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	110	70-130		1/26/24	1:39
Toluene-d8	95.8	70-130		1/26/24	1:39
4-Bromofluorobenzene	86.1	70-130		1/26/24	1:39

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-4(20) | Sampled: 1/22/2024 10:45

Sample ID: 24A2191-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	V-05	SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
cis-1,2-Dichloroethylene	3.0	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Tetrachloroethylene	11	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-4(20) | Sampled: 1/22/2024 10:45

Sample ID: 24A2191-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Trichloroethylene	4.3	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:06	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		1/26/24 2:06
Toluene-d8	95.0	70-130		1/26/24 2:06
4-Bromofluorobenzene	88.7	70-130		1/26/24 2:06

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-4(30) | Sampled: 1/22/2024 11:33

Sample ID: 24A2191-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	V-05	SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Methyl tert-Butyl Ether (MTBE)	0.28	1.0	0.17	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-4(30) | Sampled: 1/22/2024 11:33

Sample ID: 24A2191-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Vinyl Chloride	12	2.0	0.24	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:32	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	109	70-130		1/26/24 2:32
Toluene-d8	95.7	70-130		1/26/24 2:32
4-Bromofluorobenzene	87.9	70-130		1/26/24 2:32

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-4(40) | Sampled: 1/22/2024 12:19

Sample ID: 24A2191-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	V-05	SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
cis-1,2-Dichloroethylene	2.0	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Methyl tert-Butyl Ether (MTBE)	0.53	1.0	0.17	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Tetrachloroethylene	25	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-4(40) | Sampled: 1/22/2024 12:19

Sample ID: 24A2191-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Trichloroethylene	2.4	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 2:59	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		1/26/24 2:59
Toluene-d8	94.4	70-130		1/26/24 2:59
4-Bromofluorobenzene	84.0	70-130		1/26/24 2:59

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-4(50) | Sampled: 1/22/2024 13:06

Sample ID: 24A2191-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	V-05	SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Chloroform	0.39	2.0	0.14	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,1-Dichloroethylene	0.25	1.0	0.14	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 3:26	EEH
cis-1,2-Dichloroethylene	2.6	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Methyl tert-Butyl Ether (MTBE)	0.40	1.0	0.17	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Tetrachloroethylene	33	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-4(50) | Sampled: 1/22/2024 13:06

Sample ID: 24A2191-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Trichloroethylene	3.8	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:26	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		1/26/24 3:26
Toluene-d8	97.1	70-130		1/26/24 3:26
4-Bromofluorobenzene	83.8	70-130		1/26/24 3:26

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: Equipment Blank_7 | Sampled: 1/22/2024 13:30

Sample ID: 24A2191-07

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	V-05	SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: Equipment Blank_7 | Sampled: 1/22/2024 13:30

Sample ID: 24A2191-07

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 1:12	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		1/26/24 1:12
Toluene-d8	93.2	70-130		1/26/24 1:12
4-Bromofluorobenzene	84.2	70-130		1/26/24 1:12

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-3(20) | Sampled: 1/22/2024 14:51

Sample ID: 24A2191-08

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	200	8.0	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Benzene	370	4.0	0.74	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Bromochloromethane	ND	4.0	1.1	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Bromodichloromethane	ND	2.0	0.63	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Bromoform	ND	4.0	1.6	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Bromomethane	ND	8.0	5.3	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
2-Butanone (MEK)	13	80	6.7	µg/L	4	J	SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Carbon Disulfide	ND	20	6.2	µg/L	4	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Carbon Tetrachloride	ND	20	0.65	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Chlorobenzene	ND	4.0	0.48	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Chlorodibromomethane	ND	2.0	0.80	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Chloroethane	ND	8.0	1.4	µg/L	4	V-05	SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Chloroform	ND	8.0	0.56	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Chloromethane	ND	8.0	2.0	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Cyclohexane	270	20	7.1	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	3.4	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,2-Dibromoethane (EDB)	ND	2.0	0.64	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,2-Dichlorobenzene	ND	4.0	0.52	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,3-Dichlorobenzene	ND	4.0	0.55	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,4-Dichlorobenzene	ND	4.0	0.51	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	8.0	0.64	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,1-Dichloroethane	ND	4.0	0.55	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,2-Dichloroethane	ND	4.0	1.2	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,1-Dichloroethylene	ND	4.0	0.56	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
cis-1,2-Dichloroethylene	ND	4.0	0.56	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
trans-1,2-Dichloroethylene	ND	4.0	0.69	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,2-Dichloropropane	ND	4.0	0.77	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
cis-1,3-Dichloropropene	ND	2.0	0.65	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
trans-1,3-Dichloropropene	ND	2.0	0.57	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,4-Dioxane	ND	200	72	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Ethylbenzene	1.9	4.0	0.88	µg/L	4	J	SW-846 8260D	1/25/24	1/26/24 4:46	EEH
2-Hexanone (MBK)	ND	40	4.8	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Isopropylbenzene (Cumene)	45	4.0	0.60	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Methyl Acetate	ND	4.0	2.4	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Methyl tert-Butyl Ether (MTBE)	0.92	4.0	0.68	µg/L	4	J	SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Methyl Cyclohexane	180	4.0	0.62	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Methylene Chloride	ND	20	0.71	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	40	5.3	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Styrene	ND	4.0	0.60	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.55	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Tetrachloroethylene	1.8	4.0	0.67	µg/L	4	J	SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Toluene	8.4	4.0	0.89	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,2,3-Trichlorobenzene	ND	20	1.4	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,2,4-Trichlorobenzene	ND	4.0	1.2	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-3(20) | Sampled: 1/22/2024 14:51

Sample ID: 24A2191-08

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	4.0	0.60	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,1,2-Trichloroethane	ND	4.0	0.76	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Trichloroethylene	ND	4.0	0.70	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Trichlorofluoromethane (Freon 11)	ND	8.0	0.62	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	0.83	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Vinyl Chloride	ND	8.0	0.95	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH
Xylenes (total)	11	4.0	4.0	µg/L	4		SW-846 8260D	1/25/24	1/26/24 4:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	105	70-130		1/26/24	4:46
Toluene-d8	98.9	70-130		1/26/24	4:46
4-Bromofluorobenzene	93.3	70-130		1/26/24	4:46

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-3(28.5) | Sampled: 1/22/2024 15:20

Sample ID: 24A2191-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.7	50	2.0	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Benzene	2.5	1.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Bromodichloromethane	0.29	0.50	0.16	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	V-05	SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Chloroform	2.6	2.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Isopropylbenzene (Cumene)	0.34	1.0	0.15	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Methyl tert-Butyl Ether (MTBE)	0.29	1.0	0.17	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Methyl Cyclohexane	1.0	1.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-3(28.5) | Sampled: 1/22/2024 15:20

Sample ID: 24A2191-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Vinyl Chloride	2.4	2.0	0.24	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 3:53	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	112	70-130		1/26/24 3:53
Toluene-d8	94.8	70-130		1/26/24 3:53
4-Bromofluorobenzene	83.5	70-130		1/26/24 3:53

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-3(33.5) | Sampled: 1/23/2024 08:53

Sample ID: 24A2191-10

Sample Matrix: Ground Water

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2500	100	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Benzene	260	50	9.2	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Bromochloromethane	ND	50	14	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Bromodichloromethane	ND	25	7.9	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Bromoform	ND	50	20	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Bromomethane	ND	100	66	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
2-Butanone (MEK)	ND	1000	84	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Carbon Disulfide	ND	250	78	µg/L	50	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Carbon Tetrachloride	ND	250	8.2	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Chlorobenzene	ND	50	5.9	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Chlorodibromomethane	ND	25	10	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Chloroethane	ND	100	17	µg/L	50	V-05	SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Chloroform	ND	100	7.0	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Chloromethane	ND	100	25	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Cyclohexane	ND	250	88	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	43	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,2-Dibromoethane (EDB)	ND	25	8.0	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,2-Dichlorobenzene	ND	50	6.5	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,3-Dichlorobenzene	ND	50	6.8	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,4-Dichlorobenzene	ND	50	6.4	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Dichlorodifluoromethane (Freon 12)	ND	100	8.0	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,1-Dichloroethane	ND	50	6.8	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,2-Dichloroethane	ND	50	15	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,1-Dichloroethylene	ND	50	7.0	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
cis-1,2-Dichloroethylene	34	50	7.0	µg/L	50	J	SW-846 8260D	1/25/24	1/26/24 6:06	EEH
trans-1,2-Dichloroethylene	ND	50	8.6	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,2-Dichloropropane	ND	50	9.7	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
cis-1,3-Dichloropropene	ND	25	8.2	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
trans-1,3-Dichloropropene	ND	25	7.1	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,4-Dioxane	ND	2500	900	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Ethylbenzene	780	50	11	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
2-Hexanone (MBK)	ND	500	60	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Isopropylbenzene (Cumene)	34	50	7.6	µg/L	50	J	SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Methyl Acetate	ND	50	30	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Methyl tert-Butyl Ether (MTBE)	ND	50	8.5	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Methyl Cyclohexane	ND	50	7.8	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Methylene Chloride	ND	250	8.8	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
4-Methyl-2-pentanone (MIBK)	ND	500	66	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Styrene	ND	50	7.5	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,1,2,2-Tetrachloroethane	ND	25	6.8	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Tetrachloroethylene	20	50	8.4	µg/L	50	J	SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Toluene	48	50	11	µg/L	50	J	SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,2,3-Trichlorobenzene	ND	250	17	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,2,4-Trichlorobenzene	ND	50	15	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-3(33.5) | Sampled: 1/23/2024 08:53

Sample ID: 24A2191-10

Sample Matrix: Ground Water

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	50	7.5	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,1,2-Trichloroethane	ND	50	9.6	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Trichloroethylene	ND	50	8.7	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Trichlorofluoromethane (Freon 11)	ND	100	7.7	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	10	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Vinyl Chloride	ND	100	12	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH
Xylenes (total)	830	50	50	µg/L	50		SW-846 8260D	1/25/24	1/26/24 6:06	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	106	70-130		1/26/24	6:06
Toluene-d8	96.2	70-130		1/26/24	6:06
4-Bromofluorobenzene	94.6	70-130		1/26/24	6:06

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-3(40) | Sampled: 1/23/2024 09:40

Sample ID: 24A2191-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	V-05	SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,1-Dichloroethylene	0.54	1.0	0.14	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 5:39	EEH
cis-1,2-Dichloroethylene	6.4	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
trans-1,2-Dichloroethylene	0.35	1.0	0.17	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Ethylbenzene	0.36	1.0	0.22	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 5:39	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Methyl tert-Butyl Ether (MTBE)	0.53	1.0	0.17	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Tetrachloroethylene	61	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-3(40) | Sampled: 1/23/2024 09:40

Sample ID: 24A2191-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Trichloroethylene	9.1	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Vinyl Chloride	0.28	2.0	0.24	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 5:39	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 5:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	108	70-130		1/26/24	5:39
Toluene-d8	92.0	70-130		1/26/24	5:39
4-Bromofluorobenzene	84.8	70-130		1/26/24	5:39

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

Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-3(50) | Sampled: 1/23/2024 10:22

Sample ID: 24A2191-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Benzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Bromoform	ND	1.0	0.41	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Bromomethane	ND	2.0	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	L-04, V-05	SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	V-05	SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Chloromethane	ND	2.0	0.50	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,1-Dichloroethylene	0.57	1.0	0.14	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 4:19	EEH
cis-1,2-Dichloroethylene	3.4	1.0	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
trans-1,2-Dichloroethylene	0.21	1.0	0.17	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,4-Dioxane	ND	50	18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Ethylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Methyl tert-Butyl Ether (MTBE)	0.56	1.0	0.17	µg/L	1	J	SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Styrene	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Tetrachloroethylene	49	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH

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Project Location: Brooklyn, NY | Sample Description: | Work Order: 24A2191

Date Received: 1/24/2024

Field Sample #: GW-WL-3(50) | Sampled: 1/23/2024 10:22

Sample ID: 24A2191-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Trichloroethylene	5.1	1.0	0.17	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	1/25/24	1/26/24 4:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		1/26/24 4:19
Toluene-d8	94.2	70-130		1/26/24 4:19
4-Bromofluorobenzene	84.6	70-130		1/26/24 4:19

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Sample Extraction Data

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24A2191-01 [Equipment Blank_6]	B364206	5	5.00	01/25/24
24A2191-02 [GW-WL-4(9)]	B364206	5	5.00	01/25/24
24A2191-03 [GW-WL-4(20)]	B364206	5	5.00	01/25/24
24A2191-04 [GW-WL-4(30)]	B364206	5	5.00	01/25/24
24A2191-05 [GW-WL-4(40)]	B364206	5	5.00	01/25/24
24A2191-06 [GW-WL-4(50)]	B364206	5	5.00	01/25/24
24A2191-07 [Equipment Blank_7]	B364206	5	5.00	01/25/24
24A2191-08 [GW-WL-3(20)]	B364206	1.25	5.00	01/25/24
24A2191-09 [GW-WL-3(28.5)]	B364206	5	5.00	01/25/24
24A2191-10 [GW-WL-3(33.5)]	B364206	0.1	5.00	01/25/24
24A2191-11 [GW-WL-3(40)]	B364206	5	5.00	01/25/24
24A2191-12 [GW-WL-3(50)]	B364206	5	5.00	01/25/24

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B364206 - SW-846 5030B										
Blank (B364206-BLK1)				Prepared: 01/25/24 Analyzed: 01/26/24						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
Carbon Disulfide	ND	5.0	µg/L							L-04, V-05
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							V-05
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B364206 - SW-846 5030B												
Blank (B364206-BLK1)				Prepared: 01/25/24 Analyzed: 01/26/24								
o-Xylene	ND	1.0	µg/L									
Xylenes (total)	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*27.0*		µg/L	25.0		108		70-130				
Surrogate: Toluene-d8	*24.1*		µg/L	25.0		96.5		70-130				
Surrogate: 4-Bromofluorobenzene	*21.6*		µg/L	25.0		86.6		70-130				
LCS (B364206-BS1)				Prepared & Analyzed: 01/25/24								
Acetone	81.8	50	µg/L	100		81.8		70-160				†
Benzene	9.33	1.0	µg/L	10.0		93.3		70-130				
Bromochloromethane	9.26	1.0	µg/L	10.0		92.6		70-130				
Bromodichloromethane	11.6	0.50	µg/L	10.0		116		70-130				
Bromoform	10.3	1.0	µg/L	10.0		103		70-130				
Bromomethane	11.0	2.0	µg/L	10.0		110		40-160				†
2-Butanone (MEK)	81.3	20	µg/L	100		81.3		40-160				†
Carbon Disulfide	63.8	5.0	µg/L	100		**63.8**	*	70-130			L-04, V-05	
Carbon Tetrachloride	11.0	5.0	µg/L	10.0		110		70-130				
Chlorobenzene	10.7	1.0	µg/L	10.0		107		70-130				
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114		70-130				
Chloroethane	7.74	2.0	µg/L	10.0		77.4		70-130			V-05	
Chloroform	10.5	2.0	µg/L	10.0		105		70-130				
Chloromethane	7.89	2.0	µg/L	10.0		78.9		40-160				†
Cyclohexane	8.28	5.0	µg/L	10.0		82.8		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.03	5.0	µg/L	10.0		90.3		70-130				
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106		70-130				
1,2-Dichlorobenzene	10.5	1.0	µg/L	10.0		105		70-130				
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.0		109		70-130				
1,4-Dichlorobenzene	9.71	1.0	µg/L	10.0		97.1		70-130				
Dichlorodifluoromethane (Freon 12)	10.5	2.0	µg/L	10.0		105		40-160				†
1,1-Dichloroethane	9.11	1.0	µg/L	10.0		91.1		70-130				
1,2-Dichloroethane	13.1	1.0	µg/L	10.0		**131**	*	70-130			L-02, V-20	
1,1-Dichloroethylene	8.26	1.0	µg/L	10.0		82.6		70-130				
cis-1,2-Dichloroethylene	9.12	1.0	µg/L	10.0		91.2		70-130				
trans-1,2-Dichloroethylene	8.49	1.0	µg/L	10.0		84.9		70-130				
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105		70-130				
cis-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105		70-130				
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.0		108		70-130				
1,4-Dioxane	81.0	50	µg/L	100		81.0		40-130				†
Ethylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
2-Hexanone (MBK)	86.2	10	µg/L	100		86.2		70-160				†
Isopropylbenzene (Cumene)	9.88	1.0	µg/L	10.0		98.8		70-130				
Methyl Acetate	8.84	1.0	µg/L	10.0		88.4		70-130				
Methyl tert-Butyl Ether (MTBE)	8.71	1.0	µg/L	10.0		87.1		70-130				
Methyl Cyclohexane	9.36	1.0	µg/L	10.0		93.6		70-130				
Methylene Chloride	8.06	5.0	µg/L	10.0		80.6		70-130				
4-Methyl-2-pentanone (MIBK)	88.1	10	µg/L	100		88.1		70-160				†
Styrene	9.96	1.0	µg/L	10.0		99.6		70-130				
1,1,2,2-Tetrachloroethane	8.75	0.50	µg/L	10.0		87.5		70-130				
Tetrachloroethylene	11.9	1.0	µg/L	10.0		119		70-130				
Toluene	10.4	1.0	µg/L	10.0		104		70-130				
1,2,3-Trichlorobenzene	9.10	5.0	µg/L	10.0		91.0		70-130				
1,2,4-Trichlorobenzene	8.26	1.0	µg/L	10.0		82.6		70-130				
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.0		109		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B364206 - SW-846 5030B												
LCS (B364206-BS1)				Prepared & Analyzed: 01/25/24								
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0		106		70-130				
Trichloroethylene	11.0	1.0	µg/L	10.0		110		70-130				
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.0		101		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.36	1.0	µg/L	10.0		83.6		70-130				
Vinyl Chloride	8.77	2.0	µg/L	10.0		87.7		40-160				†
m+p Xylene	21.2	2.0	µg/L	20.0		106		70-130				
o-Xylene	10.2	1.0	µg/L	10.0		102		70-130				
Xylenes (total)	31.4	1.0	µg/L	30.0		105		0-200				
Surrogate: 1,2-Dichloroethane-d4	*27.2*		µg/L	25.0		109		70-130				
Surrogate: Toluene-d8	*24.4*		µg/L	25.0		97.7		70-130				
Surrogate: 4-Bromofluorobenzene	*24.3*		µg/L	25.0		97.3		70-130				
LCS Dup (B364206-BSD1)				Prepared & Analyzed: 01/25/24								
Acetone	78.6	50	µg/L	100		78.6		70-160	4.04	25		†
Benzene	9.47	1.0	µg/L	10.0		94.7		70-130	1.49	25		
Bromochloromethane	9.29	1.0	µg/L	10.0		92.9		70-130	0.323	25		
Bromodichloromethane	11.9	0.50	µg/L	10.0		119		70-130	2.21	25		
Bromoform	10.5	1.0	µg/L	10.0		105		70-130	2.69	25		
Bromomethane	11.3	2.0	µg/L	10.0		113		40-160	3.32	25		†
2-Butanone (MEK)	79.8	20	µg/L	100		79.8		40-160	1.86	25		†
Carbon Disulfide	65.5	5.0	µg/L	100		**65.5**	*	70-130	2.66	25	L-04, V-05	
Carbon Tetrachloride	11.3	5.0	µg/L	10.0		113		70-130	2.78	25		
Chlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	0.656	25		
Chlorodibromomethane	11.2	0.50	µg/L	10.0		112		70-130	1.42	25		
Chloroethane	7.71	2.0	µg/L	10.0		77.1		70-130	0.388	25	V-05	
Chloroform	10.3	2.0	µg/L	10.0		103		70-130	1.44	25		
Chloromethane	8.38	2.0	µg/L	10.0		83.8		40-160	6.02	25		†
Cyclohexane	8.36	5.0	µg/L	10.0		83.6		70-130	0.962	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.66	5.0	µg/L	10.0		86.6		70-130	4.18	25		
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109		70-130	3.26	25		
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0		107		70-130	2.07	25		
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.0		112		70-130	2.64	25		
1,4-Dichlorobenzene	9.88	1.0	µg/L	10.0		98.8		70-130	1.74	25		
Dichlorodifluoromethane (Freon 12)	10.6	2.0	µg/L	10.0		106		40-160	0.568	25		†
1,1-Dichloroethane	8.94	1.0	µg/L	10.0		89.4		70-130	1.88	25		
1,2-Dichloroethane	13.2	1.0	µg/L	10.0		**132**	*	70-130	0.457	25	L-02, V-20	
1,1-Dichloroethylene	8.82	1.0	µg/L	10.0		88.2		70-130	6.56	25		
cis-1,2-Dichloroethylene	9.20	1.0	µg/L	10.0		92.0		70-130	0.873	25		
trans-1,2-Dichloroethylene	8.70	1.0	µg/L	10.0		87.0		70-130	2.44	25		
1,2-Dichloropropane	10.8	1.0	µg/L	10.0		108		70-130	2.72	25		
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.0		107		70-130	1.88	25		
trans-1,3-Dichloropropene	10.9	0.50	µg/L	10.0		109		70-130	0.921	25		
1,4-Dioxane	57.4	50	µg/L	100		57.4		40-130	34.1	50		† ‡
Ethylbenzene	11.0	1.0	µg/L	10.0		110		70-130	4.56	25		
2-Hexanone (MBK)	87.8	10	µg/L	100		87.8		70-160	1.82	25		†
Isopropylbenzene (Cumene)	10.4	1.0	µg/L	10.0		104		70-130	5.03	25		
Methyl Acetate	8.59	1.0	µg/L	10.0		85.9		70-130	2.87	25		
Methyl tert-Butyl Ether (MTBE)	8.74	1.0	µg/L	10.0		87.4		70-130	0.344	25		
Methyl Cyclohexane	9.53	1.0	µg/L	10.0		95.3		70-130	1.80	25		
Methylene Chloride	8.26	5.0	µg/L	10.0		82.6		70-130	2.45	25		
4-Methyl-2-pentanone (MIBK)	90.5	10	µg/L	100		90.5		70-160	2.73	25		†
Styrene	10.2	1.0	µg/L	10.0		102		70-130	1.99	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B364206 - SW-846 5030B										
LCS Dup (B364206-BSD1)				Prepared & Analyzed: 01/25/24						
1,1,2,2-Tetrachloroethane	9.11	0.50	µg/L	10.0		91.1	70-130	4.03	25	
Tetrachloroethylene	12.3	1.0	µg/L	10.0		123	70-130	3.31	25	
Toluene	10.9	1.0	µg/L	10.0		109	70-130	4.78	25	
1,2,3-Trichlorobenzene	9.25	5.0	µg/L	10.0		92.5	70-130	1.63	25	
1,2,4-Trichlorobenzene	8.45	1.0	µg/L	10.0		84.5	70-130	2.27	25	
1,1,1-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130	2.63	25	
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130	1.68	25	
Trichloroethylene	11.3	1.0	µg/L	10.0		113	70-130	2.88	25	
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0		106	70-130	5.21	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.55	1.0	µg/L	10.0		85.5	70-130	2.25	25	
Vinyl Chloride	9.16	2.0	µg/L	10.0		91.6	40-160	4.35	25	†
m+p Xylene	21.7	2.0	µg/L	20.0		109	70-130	2.61	25	
o-Xylene	10.7	1.0	µg/L	10.0		107	70-130	4.87	25	
Xylenes (total)	32.5	1.0	µg/L	30.0		108	0-200	3.35		
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		96.6	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
RL-13	Elevated reporting limit due to high concentration of non-target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
Xylenes (total)	ME,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

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https://www.pacelabs.com/
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Minneapolis, MN 55414

24A2191

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 4_01/08/2020

Company Name:	HRP Associates
Address:	1 Fairchild Sq., Clifton Park, NY
Phone:	518-877-7101
Project Name:	473 President St - Offsite
Project Location:	Brooklyn, NY
Project Number:	224220A
Project Manager:	Patrick Montuori
Pace Analytical Quote Name/Number:	
Invoice Recipient:	Marnie DeLuke - NYSDEC
Sampled By:	RL

Requested Turnaround Time
(7-Day) 10-Day
PFAS 10-Day (std) Due Date:

Rush Approval Required
1-Day 3-Day
2-Day 4-Day

Data Delivery
Format: (PDF) (EXCEL)
Other: EQuIS
CLP Like Data Pkg Required: CAT B
Email To: Patrick.Montuori@HRPAssociates.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET
NON SOXHLET

ANALYSIS REQUESTED

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	20 TCL VOCs by EPA 8260D
1	Equipment Blank-6	1/22/24	0900	GRAB	GW	U	2					X
2	GW-WL-4(9)		0947		GW	U						X
3	GW-WL-4(20)		1045		GW	U						X
4	GW-WL-4(30)		1133		GW	U						X
5	GW-WL-4(40)		1219		GW	U						X
6	GW-WL-4(50)		1306		GW	U						X
7	Equipment Blank-7		1330		LW	U						X
8	GW-WL-3(20)		1451		GW	U						X
9	GW-WL-3(28.5)	1/22/24	1520		GW	U						X
10	GW-WL-3(33.5)	1/23/24	0853	GRAB	GW	U	2					X

Relinquished by: (signature)	Date/Time: 1/23/24 1695	Client Comments: LW-Lab water
Received by: (signature) PACE	Date/Time: 1/23/24 1640	Please send a copy of all data to Ted.Wall@HRPAssociates.com
Relinquished by: (signature) PACE	Date/Time: 1/23/24 1650	Please provide a CAT B Report.
Received by: (signature)	Date/Time: 1/24/24 8:00	
Relinquished by: (signature)	Date/Time: 1/24/24 10:05	
Received by: (signature) 3.0°C	Date/Time: 1-24-24 1014	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Detection Limit Requirements
MA
CT
Other:

Special Requirements
MA MCP Required
MCP Certification Form Required
CT RCP Required
RCP Certification Form Required
MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government Municipality MWRA WRTA
Federal 21 J School
City Brownfield MBTA

Other
Chromatogram
AIHA-LAP,LLC

Lab Comments:

Disclaimer: Pace Analytical is not responsible for any omitted information on the Cl
Custody is a legal document that must be complete and accurate and is used to d
laboratory will perform. Any missing information is not the laboratory's responsibili
partnership on each project and will try to assist with missing information, but w

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Minneapolis, MN 55414

24A2F11

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 4_01/08/2020

Company Name: HRP Associates
Address: 1 Fairchild Sq., Clifton Park, NY
Phone: 518-877-7101
Project Name: 473 President St-offsite
Project Location: Brooklyn, NY
Project Number: 222422 OA
Project Manager: Patricia Montuori
Pace Analytical Quote Name/Number:
Invoice Recipient: Marnie DeLuke - NYSPEC
Sampled By: RL

Requested Turnaround Time
7-Day (circled) | 10-Day
PFAS 10-Day (std) | Due Date:

Rush-Approval Required
1-Day | 3-Day
2-Day | 4-Day

Data Delivery
Format: PDF (circled) EXCEL
Other: EQuIS
CLP Like Data Pkg Required: CAT B
Email To: Patrick.Montuori@HRPAssociates.com
Fax To #:

Dissolved Metals Samples
O Field Filtered
O Lab to Filter

Orthophosphate Samples
O Field Filtered
O Lab to Filter

ANALYSIS REQUESTED

PCB ONLY
SOXHLET
NON SOXHLET

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	TCL VOCs by EPA Method 8260
11	GW-WL-3(40)	1/23/24	0940	GRAB	GW	U	2					X
12	GW-WL-3(50)	1/23/24	1022	GRAB	GW	U	2					X

Relinquished by: (signature)	Date/Time:
	1/23/24 1645
Received by: (signature) PACE	1/23/24 1645
Relinquished by: (signature) PACE	1/23/24 1650
Received by: (signature)	1/24/24 8:00
Relinquished by: (signature)	1/24/24 10:05
Received by: (signature) 3.0°C	1-24-24 1019
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments: Please send a copy of all data to Ted.Wall@HRPAssociates.com
Please provide a CAT B Report.

Detection Limit Requirements
MA
NY
Other

Special Requirements
MA MCP Required
MCP Certification Form Required
CT RCP Required
RCP Certification Form Required
MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government | Municipality | MWRA | WRTA
Federal | 21 J | School
City | Brownfield | MBTA

Other: Chromatogram
AIHA-LAP,LLC

Lab Comments:

Disclaimer: Pace Analytical is not responsible for any omitted information on the Cl
Custody is a legal document that must be complete and accurate and is used to d
laboratory will perform. Any missing information is not the laboratory's responsibilit
partnership on each project and will try to assist with missing information, but w

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client HRP

Project C22402OA

MCP/RCP Required no

Deliverable Package Requirement CAT B

Location NY

PWSID# (When Applicable) NA

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time AAM 1/24/24 1019

Back-Sheet By / Date / Time SA 1/24/24 1036

Temperature Method Gun # 5

Temp < 6° C Actual Temperature 3.0

Rush Samples: Yes / No Notify

Short Hold: Yes / No Notify

Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: N/A ☑ ☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

Sample																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Soils Jars (Circle Amb/Clear)	16oz Amb/Clear																				
	8oz Amb/Clear																				
	4oz Amb/Clear																				
	2oz Amb/Clear																				
Ambers 1 Liter	Unpreserved																				
	HCL																				
	Sulfuric																				
Ambers 250mL	Sulfuric																				
	Phosphoric																				
	HCl																				
Ambers 100mL	Unpreserved																				
Plastics 1 Liter	Unpreserved																				
	Sulfuric																				
Plastics 500mL	Unpreserved																				
	Sulfuric																				
Plastics 250mL	Unpreserved																				
	Trizma																				
	Sulfuric																				
	Nitric																				
	NaOH																				
	Ammonium Acetate																				
	NaOH/Zinc																				
VOA Vials	Unpreserved																				
	HCl		2	2	2	2	2	2	2	2	2	2	2								
	MeOH																				
	D.I. Water																				
	BiSulfate																				
Other / Fill in	Col/Bact																				

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November 2, 2022

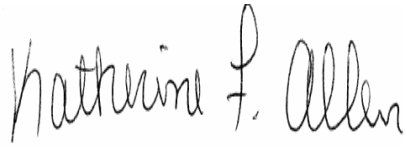
Marnie Chancey
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: 473 President St, Brooklyn, NY
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 22J3301

Enclosed are results of analyses for samples as received by the laboratory on October 21, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager



QA Officer
Katherine Allen

Laboratory Manager
Daren Damboragian

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NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Marnie Chancey

REPORT DATE: 11/2/2022

PURCHASE ORDER NUMBER: MULTI QN

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22J3301

The results of analyses performed on the following samples submitted to Con-Test, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 473 President St, Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SV-1_10.20.22	22J3301-01	Soil Gas		-	
				EPA TO-15	
SV-2_10.20.22	22J3301-02	Soil Gas		-	
				EPA TO-15	
SV-3_10.20.22	22J3301-03	Soil Gas		-	
				EPA TO-15	
SV-4_10.20.22	22J3301-04	Soil Gas		-	
				EPA TO-15	
SV-5_10.20.22	22J3301-05	Soil Gas		-	
				EPA TO-15	
SV-6_10.20.22	22J3301-06	Soil Gas		-	
				EPA TO-15	
SV-7_10.20.22	22J3301-07	Soil Gas		-	
				EPA TO-15	
SV-8_10.20.22	22J3301-08	Soil Gas		-	
				EPA TO-15	
SV-9_10.20.22	22J3301-09	Soil Gas		-	
SV-10_10.20.22	22J3301-10	Soil Gas		-	
				EPA TO-15	
SV-11_10.20.22	22J3301-11	Soil Gas		-	
				EPA TO-15	
SV-12_10.20.22	22J3301-12	Soil Gas		-	
				EPA TO-15	
SV-13_10.20.22	22J3301-13	Soil Gas		-	
				EPA TO-15	
SV-14_10.20.22	22J3301-14	Soil Gas		-	
				EPA TO-15	
OA-1_10.20.22	22J3301-15	Soil Gas		-	
				EPA TO-15	
UNUSED-1927/4152	22J3301-16	Soil Gas		-	
UNUSED-2161/4152	22J3301-17	Soil Gas		-	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA TO-15

Qualifications:

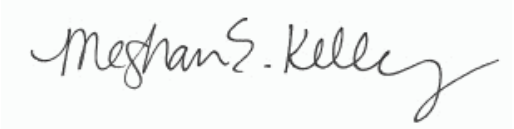
L-03 Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,4-Trichlorobenzene, 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114), Ethanol, Hexachlorobutadiene, Isopropanol, Naphthalene

22J3301-01[SV-1_10.20.22], 22J3301-02[SV-2_10.20.22], 22J3301-03[SV-3_10.20.22], 22J3301-04[SV-4_10.20.22], 22J3301-05[SV-5_10.20.22], 22J3301-06[SV-6_10.20.22], 22J3301-07[SV-7_10.20.22], 22J3301-08[SV-8_10.20.22], 22J3301-10[SV-10_10.20.22], 22J3301- 11[SV-11_10.20.22], 22J3301-12[SV-12_10.20.22], 22J3301-13[SV-13_10.20.22], 22J3301-14[SV-14_10.20.22], 22J3301-15[OA-1_10.20.22], B321777-BLK1, B321777-BS1, B321905-BLK1, B321905-BS1, B321905-DUP1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-1_10.20.22
Sample ID: 22J3301-01
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:44

Sample Description/Location:
Sub Description/Location:
Canister ID: 1137
Canister Size: 6 liter
Flow Controller ID: 4436
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.0
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	15	8.0	4.8		36	19	11	4	11/1/22 2:12	CMR
Benzene	0.27	0.20	0.15		0.87	0.64	0.48	4	11/1/22 2:12	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 2:12	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 2:12	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 2:12	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 2:12	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 2:12	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 2:12	CMR
Carbon Disulfide	0.43	2.0	0.18	J	1.3	6.2	0.58	4	11/1/22 2:12	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 2:12	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 2:12	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 2:12	CMR
Chloroform	2.6	0.20	0.19		13	0.98	0.93	4	11/1/22 2:12	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 2:12	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/1/22 2:12	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 2:12	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 2:12	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 2:12	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 2:12	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 2:12	CMR
Dichlorodifluoromethane (Freon 12)	0.73	0.20	0.20		3.6	0.99	0.97	4	11/1/22 2:12	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 2:12	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 2:12	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 2:12	CMR
cis-1,2-Dichloroethylene	0.60	0.20	0.15		2.4	0.79	0.58	4	11/1/22 2:12	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 2:12	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 2:12	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 2:12	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 2:12	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20	L-03	ND	1.4	1.4	4	11/1/22 2:12	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 2:12	CMR
Ethanol	5.5	8.0	3.5	L-03, J	10	15	6.6	4	11/1/22 2:12	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 2:12	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 2:12	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 2:12	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	11/1/22 2:12	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	11/1/22 2:12	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/1/22 2:12	CMR
2-Hexanone (MBK)	0.11	0.20	0.10	J	0.44	0.82	0.41	4	11/1/22 2:12	CMR
Isopropanol	40	8.0	1.4	L-03	100	20	3.4	4	11/1/22 2:12	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 2:12	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 2:12	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 2:12	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 2:12	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 2:12	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 2:12	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 2:12	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-1_10.20.22
Sample ID: 22J3301-01
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:44

Sample Description/Location:
Sub Description/Location:
Canister ID: 1137
Canister Size: 6 liter
Flow Controller ID: 4436
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.0
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	100	0.20	0.15		700	1.4	1.0	4	11/1/22 2:12	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 2:12	CMR
Toluene	0.58	0.20	0.11		2.2	0.75	0.43	4	11/1/22 2:12	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	11/1/22 2:12	CMR
1,1,1-Trichloroethane	0.17	0.20	0.16	J	0.94	1.1	0.86	4	11/1/22 2:12	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 2:12	CMR
Trichloroethylene	11	0.20	0.13		60	1.1	0.72	4	11/1/22 2:12	CMR
Trichlorofluoromethane (Freon 11)	1.0	0.80	0.24		5.7	4.5	1.3	4	11/1/22 2:12	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 2:12	CMR
1,2,4-Trimethylbenzene	0.28	0.20	0.088		1.4	0.98	0.43	4	11/1/22 2:12	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 2:12	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 2:12	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 2:12	CMR
m&p-Xylene	0.29	0.40	0.22	J	1.3	1.7	0.97	4	11/1/22 2:12	CMR
o-Xylene	0.12	0.20	0.10	J	0.50	0.87	0.44	4	11/1/22 2:12	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.2	70-130	11/1/22 2:12

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-2_10.20.22
Sample ID: 22J3301-02
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:34

Sample Description/Location:
Sub Description/Location:
Canister ID: 1998
Canister Size: 6 liter
Flow Controller ID: 4428
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -9.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	14	8.0	4.8		32	19	11	4	10/31/22 22:08	CMR
Benzene	ND	0.20	0.15		ND	0.64	0.48	4	10/31/22 22:08	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	10/31/22 22:08	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	10/31/22 22:08	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	10/31/22 22:08	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	10/31/22 22:08	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	10/31/22 22:08	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	10/31/22 22:08	CMR
Carbon Disulfide	0.44	2.0	0.18	J	1.4	6.2	0.58	4	10/31/22 22:08	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	10/31/22 22:08	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	10/31/22 22:08	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	10/31/22 22:08	CMR
Chloroform	1.0	0.20	0.19		5.0	0.98	0.93	4	10/31/22 22:08	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	10/31/22 22:08	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	10/31/22 22:08	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	10/31/22 22:08	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	10/31/22 22:08	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	10/31/22 22:08	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	10/31/22 22:08	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	10/31/22 22:08	CMR
Dichlorodifluoromethane (Freon 12)	0.38	0.20	0.20		1.9	0.99	0.97	4	10/31/22 22:08	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	10/31/22 22:08	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	10/31/22 22:08	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	10/31/22 22:08	CMR
cis-1,2-Dichloroethylene	0.16	0.20	0.15	J	0.62	0.79	0.58	4	10/31/22 22:08	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	10/31/22 22:08	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	10/31/22 22:08	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	10/31/22 22:08	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	10/31/22 22:08	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20	L-03	ND	1.4	1.4	4	10/31/22 22:08	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	10/31/22 22:08	CMR
Ethanol	5.6	8.0	3.5	L-03, J	11	15	6.6	4	10/31/22 22:08	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	10/31/22 22:08	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	10/31/22 22:08	CMR
4-Ethyltoluene	0.19	0.20	0.12	J	0.92	0.98	0.60	4	10/31/22 22:08	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	10/31/22 22:08	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	10/31/22 22:08	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	10/31/22 22:08	CMR
2-Hexanone (MBK)	0.17	0.20	0.10	J	0.69	0.82	0.41	4	10/31/22 22:08	CMR
Isopropanol	34	8.0	1.4	L-03	84	20	3.4	4	10/31/22 22:08	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	10/31/22 22:08	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	10/31/22 22:08	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	10/31/22 22:08	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	10/31/22 22:08	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	10/31/22 22:08	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	10/31/22 22:08	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	10/31/22 22:08	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-2_10.20.22
Sample ID: 22J3301-02
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:34

Sample Description/Location:
Sub Description/Location:
Canister ID: 1998
Canister Size: 6 liter
Flow Controller ID: 4428
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -9.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	4.1	0.20	0.15		28	1.4	1.0	4	10/31/22 22:08	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	10/31/22 22:08	CMR
Toluene	0.57	0.20	0.11		2.1	0.75	0.43	4	10/31/22 22:08	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	10/31/22 22:08	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	10/31/22 22:08	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	10/31/22 22:08	CMR
Trichloroethylene	0.15	0.20	0.13	J	0.82	1.1	0.72	4	10/31/22 22:08	CMR
Trichlorofluoromethane (Freon 11)	1.7	0.80	0.24		9.6	4.5	1.3	4	10/31/22 22:08	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	10/31/22 22:08	CMR
1,2,4-Trimethylbenzene	0.40	0.20	0.088		2.0	0.98	0.43	4	10/31/22 22:08	CMR
1,3,5-Trimethylbenzene	0.11	0.20	0.11	J	0.55	0.98	0.52	4	10/31/22 22:08	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	10/31/22 22:08	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	10/31/22 22:08	CMR
m&p-Xylene	0.39	0.40	0.22	J	1.7	1.7	0.97	4	10/31/22 22:08	CMR
o-Xylene	0.21	0.20	0.10		0.92	0.87	0.44	4	10/31/22 22:08	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.6	70-130	10/31/22 22:08

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-3_10.20.22
Sample ID: 22J3301-03
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:22

Sample Description/Location:
Sub Description/Location:
Canister ID: 2027
Canister Size: 6 liter
Flow Controller ID: 4434
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10.5
Receipt Vacuum(in Hg): -9.8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	11	8.0	4.8		25	19	11	4	10/31/22 22:48	CMR
Benzene	ND	0.20	0.15		ND	0.64	0.48	4	10/31/22 22:48	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	10/31/22 22:48	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	10/31/22 22:48	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	10/31/22 22:48	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	10/31/22 22:48	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	10/31/22 22:48	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	10/31/22 22:48	CMR
Carbon Disulfide	0.40	2.0	0.18	J	1.2	6.2	0.58	4	10/31/22 22:48	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	10/31/22 22:48	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	10/31/22 22:48	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	10/31/22 22:48	CMR
Chloroform	7.4	0.20	0.19		36	0.98	0.93	4	10/31/22 22:48	CMR
Chloromethane	0.18	0.40	0.16	J	0.37	0.83	0.33	4	10/31/22 22:48	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	10/31/22 22:48	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	10/31/22 22:48	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	10/31/22 22:48	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	10/31/22 22:48	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	10/31/22 22:48	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	10/31/22 22:48	CMR
Dichlorodifluoromethane (Freon 12)	0.42	0.20	0.20		2.1	0.99	0.97	4	10/31/22 22:48	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	10/31/22 22:48	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	10/31/22 22:48	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	10/31/22 22:48	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	10/31/22 22:48	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	10/31/22 22:48	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	10/31/22 22:48	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	10/31/22 22:48	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	10/31/22 22:48	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20	L-03	ND	1.4	1.4	4	10/31/22 22:48	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	10/31/22 22:48	CMR
Ethanol	5.7	8.0	3.5	L-03, J	11	15	6.6	4	10/31/22 22:48	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	10/31/22 22:48	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	10/31/22 22:48	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	10/31/22 22:48	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	10/31/22 22:48	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	10/31/22 22:48	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	10/31/22 22:48	CMR
2-Hexanone (MBK)	0.13	0.20	0.10	J	0.52	0.82	0.41	4	10/31/22 22:48	CMR
Isopropanol	28	8.0	1.4	L-03	69	20	3.4	4	10/31/22 22:48	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	10/31/22 22:48	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	10/31/22 22:48	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	10/31/22 22:48	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	10/31/22 22:48	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	10/31/22 22:48	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	10/31/22 22:48	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	10/31/22 22:48	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-3_10.20.22
Sample ID: 22J3301-03
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:22

Sample Description/Location:
Sub Description/Location:
Canister ID: 2027
Canister Size: 6 liter
Flow Controller ID: 4434
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10.5
Receipt Vacuum(in Hg): -9.8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	1.5	0.20	0.15		10	1.4	1.0	4	10/31/22 22:48	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	10/31/22 22:48	CMR
Toluene	0.57	0.20	0.11		2.1	0.75	0.43	4	10/31/22 22:48	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	10/31/22 22:48	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	10/31/22 22:48	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	10/31/22 22:48	CMR
Trichloroethylene	ND	0.20	0.13		ND	1.1	0.72	4	10/31/22 22:48	CMR
Trichlorofluoromethane (Freon 11)	3.4	0.80	0.24		19	4.5	1.3	4	10/31/22 22:48	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	10/31/22 22:48	CMR
1,2,4-Trimethylbenzene	0.28	0.20	0.088		1.4	0.98	0.43	4	10/31/22 22:48	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	10/31/22 22:48	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	10/31/22 22:48	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	10/31/22 22:48	CMR
m&p-Xylene	0.30	0.40	0.22	J	1.3	1.7	0.97	4	10/31/22 22:48	CMR
o-Xylene	0.13	0.20	0.10	J	0.56	0.87	0.44	4	10/31/22 22:48	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.6	70-130	10/31/22 22:48

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-4_10.20.22
Sample ID: 22J3301-04
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:11

Sample Description/Location:
Sub Description/Location:
Canister ID: 2022
Canister Size: 6 liter
Flow Controller ID: 4427
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	39	8.0	4.8		94	19	11	4	10/31/22 23:29	CMR
Benzene	0.33	0.20	0.15		1.0	0.64	0.48	4	10/31/22 23:29	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	10/31/22 23:29	CMR
Bromodichloromethane	0.20	0.20	0.14	J	1.3	1.3	0.94	4	10/31/22 23:29	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	10/31/22 23:29	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	10/31/22 23:29	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	10/31/22 23:29	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	10/31/22 23:29	CMR
Carbon Disulfide	1.3	2.0	0.18	J	4.2	6.2	0.58	4	10/31/22 23:29	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	10/31/22 23:29	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	10/31/22 23:29	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	10/31/22 23:29	CMR
Chloroform	9.6	0.20	0.19		47	0.98	0.93	4	10/31/22 23:29	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	10/31/22 23:29	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	10/31/22 23:29	CMR
Dibromochloromethane	0.27	0.20	0.13		2.3	1.7	1.1	4	10/31/22 23:29	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	10/31/22 23:29	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	10/31/22 23:29	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	10/31/22 23:29	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	10/31/22 23:29	CMR
Dichlorodifluoromethane (Freon 12)	0.40	0.20	0.20		2.0	0.99	0.97	4	10/31/22 23:29	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	10/31/22 23:29	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	10/31/22 23:29	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	10/31/22 23:29	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	10/31/22 23:29	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	10/31/22 23:29	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	10/31/22 23:29	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	10/31/22 23:29	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	10/31/22 23:29	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20	L-03	ND	1.4	1.4	4	10/31/22 23:29	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	10/31/22 23:29	CMR
Ethanol	5.2	8.0	3.5	L-03, J	9.9	15	6.6	4	10/31/22 23:29	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	10/31/22 23:29	CMR
Ethylbenzene	0.13	0.20	0.12	J	0.57	0.87	0.51	4	10/31/22 23:29	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	10/31/22 23:29	CMR
Heptane	0.16	0.20	0.13	J	0.64	0.82	0.52	4	10/31/22 23:29	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	10/31/22 23:29	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	10/31/22 23:29	CMR
2-Hexanone (MBK)	0.16	0.20	0.10	J	0.67	0.82	0.41	4	10/31/22 23:29	CMR
Isopropanol	28	8.0	1.4	L-03	70	20	3.4	4	10/31/22 23:29	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	10/31/22 23:29	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	10/31/22 23:29	CMR
4-Methyl-2-pentanone (MIBK)	0.14	0.20	0.11	J	0.57	0.82	0.44	4	10/31/22 23:29	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	10/31/22 23:29	CMR
Propene	2.4	8.0	1.8	J	4.2	14	3.0	4	10/31/22 23:29	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	10/31/22 23:29	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	10/31/22 23:29	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-4_10.20.22
Sample ID: 22J3301-04
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:11

Sample Description/Location:
Sub Description/Location:
Canister ID: 2022
Canister Size: 6 liter
Flow Controller ID: 4427
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	2.2	0.20	0.15		15	1.4	1.0	4	10/31/22 23:29	CMR
Tetrahydrofuran	0.78	2.0	0.33	J	2.3	5.9	0.97	4	10/31/22 23:29	CMR
Toluene	0.74	0.20	0.11		2.8	0.75	0.43	4	10/31/22 23:29	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	10/31/22 23:29	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	10/31/22 23:29	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	10/31/22 23:29	CMR
Trichloroethylene	0.53	0.20	0.13		2.9	1.1	0.72	4	10/31/22 23:29	CMR
Trichlorofluoromethane (Freon 11)	2.0	0.80	0.24		11	4.5	1.3	4	10/31/22 23:29	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	10/31/22 23:29	CMR
1,2,4-Trimethylbenzene	0.30	0.20	0.088		1.5	0.98	0.43	4	10/31/22 23:29	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	10/31/22 23:29	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	10/31/22 23:29	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	10/31/22 23:29	CMR
m&p-Xylene	0.51	0.40	0.22		2.2	1.7	0.97	4	10/31/22 23:29	CMR
o-Xylene	0.25	0.20	0.10		1.1	0.87	0.44	4	10/31/22 23:29	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	100	70-130	10/31/22 23:29

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-5_10.20.22
Sample ID: 22J3301-05
Sample Matrix: Soil Gas
Sampled: 10/20/2022 11:48

Sample Description/Location:
Sub Description/Location:
Canister ID: 2207
Canister Size: 6 liter
Flow Controller ID: 4419
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	ND	800	480		ND	1900	1100	400	11/1/22 9:31	CMR
Benzene	32	20	15		100	64	48	400	11/1/22 9:31	CMR
Benzyl chloride	ND	20	18		ND	100	91	400	11/1/22 9:31	CMR
Bromodichloromethane	ND	20	14		ND	130	94	400	11/1/22 9:31	CMR
Bromoform	ND	20	14		ND	210	140	400	11/1/22 9:31	CMR
Bromomethane	ND	20	13		ND	78	52	400	11/1/22 9:31	CMR
1,3-Butadiene	ND	20	17		ND	44	37	400	11/1/22 9:31	CMR
2-Butanone (MEK)	ND	800	210		ND	2400	630	400	11/1/22 9:31	CMR
Carbon Disulfide	ND	200	18		ND	620	58	400	11/1/22 9:31	CMR
Carbon Tetrachloride	ND	20	16		ND	130	100	400	11/1/22 9:31	CMR
Chlorobenzene	ND	20	13		ND	92	61	400	11/1/22 9:31	CMR
Chloroethane	ND	20	18		ND	53	47	400	11/1/22 9:31	CMR
Chloroform	220	20	19		1100	98	93	400	11/1/22 9:31	CMR
Chloromethane	ND	40	16		ND	83	33	400	11/1/22 9:31	CMR
Cyclohexane	160	20	12		560	69	42	400	11/1/22 9:31	CMR
Dibromochloromethane	ND	20	13		ND	170	110	400	11/1/22 9:31	CMR
1,2-Dibromoethane (EDB)	ND	20	12		ND	150	93	400	11/1/22 9:31	CMR
1,2-Dichlorobenzene	ND	20	11		ND	120	69	400	11/1/22 9:31	CMR
1,3-Dichlorobenzene	ND	20	11		ND	120	67	400	11/1/22 9:31	CMR
1,4-Dichlorobenzene	ND	20	13		ND	120	79	400	11/1/22 9:31	CMR
Dichlorodifluoromethane (Freon 12)	ND	20	20		ND	99	97	400	11/1/22 9:31	CMR
1,1-Dichloroethane	ND	20	17		ND	81	71	400	11/1/22 9:31	CMR
1,2-Dichloroethane	ND	20	18		ND	81	73	400	11/1/22 9:31	CMR
1,1-Dichloroethylene	88	20	15		350	79	60	400	11/1/22 9:31	CMR
cis-1,2-Dichloroethylene	3400	20	15		13000	79	58	400	11/1/22 9:31	CMR
trans-1,2-Dichloroethylene	ND	20	16		ND	79	62	400	11/1/22 9:31	CMR
1,2-Dichloropropane	ND	20	11		ND	92	50	400	11/1/22 9:31	CMR
cis-1,3-Dichloropropene	ND	20	10		ND	91	47	400	11/1/22 9:31	CMR
trans-1,3-Dichloropropene	ND	20	10		ND	91	46	400	11/1/22 9:31	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	20	20	L-03	ND	140	140	400	11/1/22 9:31	CMR
1,4-Dioxane	ND	200	17		ND	720	60	400	11/1/22 9:31	CMR
Ethanol	380	800	350	L-03, J	710	1500	660	400	11/1/22 9:31	CMR
Ethyl Acetate	ND	200	100		ND	720	360	400	11/1/22 9:31	CMR
Ethylbenzene	ND	20	12		ND	87	51	400	11/1/22 9:31	CMR
4-Ethyltoluene	ND	20	12		ND	98	60	400	11/1/22 9:31	CMR
Heptane	ND	20	13		ND	82	52	400	11/1/22 9:31	CMR
Hexachlorobutadiene	ND	20	16	L-03	ND	210	180	400	11/1/22 9:31	CMR
Hexane	ND	800	100		ND	2800	370	400	11/1/22 9:31	CMR
2-Hexanone (MBK)	ND	20	10		ND	82	41	400	11/1/22 9:31	CMR
Isopropanol	ND	800	140	L-03	ND	2000	340	400	11/1/22 9:31	CMR
Methyl tert-Butyl Ether (MTBE)	ND	20	15		ND	72	56	400	11/1/22 9:31	CMR
Methylene Chloride	ND	200	93		ND	690	320	400	11/1/22 9:31	CMR
4-Methyl-2-pentanone (MIBK)	ND	20	11		ND	82	44	400	11/1/22 9:31	CMR
Naphthalene	ND	20	15		ND	100	79	400	11/1/22 9:31	CMR
Propene	ND	800	180		ND	1400	300	400	11/1/22 9:31	CMR
Styrene	ND	20	11		ND	85	45	400	11/1/22 9:31	CMR
1,1,2,2-Tetrachloroethane	ND	20	11		ND	140	74	400	11/1/22 9:31	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-5_10.20.22
Sample ID: 22J3301-05
Sample Matrix: Soil Gas
Sampled: 10/20/2022 11:48

Sample Description/Location:
Sub Description/Location:
Canister ID: 2207
Canister Size: 6 liter
Flow Controller ID: 4419
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	67	20	15		460	140	100	400	11/1/22 9:31	CMR
Tetrahydrofuran	ND	200	33		ND	590	97	400	11/1/22 9:31	CMR
Toluene	12	20	11	J	45	75	43	400	11/1/22 9:31	CMR
1,2,4-Trichlorobenzene	ND	20	19	L-03	ND	150	140	400	11/1/22 9:31	CMR
1,1,1-Trichloroethane	ND	20	16		ND	110	86	400	11/1/22 9:31	CMR
1,1,2-Trichloroethane	ND	20	14		ND	110	77	400	11/1/22 9:31	CMR
Trichloroethylene	16000	20	13		86000	110	72	400	11/1/22 9:31	CMR
Trichlorofluoromethane (Freon 11)	ND	80	24		ND	450	130	400	11/1/22 9:31	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	80	22		ND	610	170	400	11/1/22 9:31	CMR
1,2,4-Trimethylbenzene	ND	20	8.8		ND	98	43	400	11/1/22 9:31	CMR
1,3,5-Trimethylbenzene	ND	20	11		ND	98	52	400	11/1/22 9:31	CMR
Vinyl Acetate	ND	400	110		ND	1400	380	400	11/1/22 9:31	CMR
Vinyl Chloride	360	20	18		920	51	46	400	11/1/22 9:31	CMR
m&p-Xylene	ND	40	22		ND	170	97	400	11/1/22 9:31	CMR
o-Xylene	ND	20	10		ND	87	44	400	11/1/22 9:31	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	94.7	70-130	11/1/22 9:31	

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-6_10.20.22
Sample ID: 22J3301-06
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:17

Sample Description/Location:
Sub Description/Location:
Canister ID: 1695
Canister Size: 6 liter
Flow Controller ID: 4415
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -8.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	ND	8.0	4.8		ND	19	11	4	11/1/22 0:50	CMR
Benzene	1.2	0.20	0.15		3.7	0.64	0.48	4	11/1/22 0:50	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 0:50	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 0:50	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 0:50	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 0:50	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 0:50	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 0:50	CMR
Carbon Disulfide	0.74	2.0	0.18	J	2.3	6.2	0.58	4	11/1/22 0:50	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 0:50	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 0:50	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 0:50	CMR
Chloroform	1.1	0.20	0.19		5.4	0.98	0.93	4	11/1/22 0:50	CMR
Chloromethane	0.21	0.40	0.16	J	0.43	0.83	0.33	4	11/1/22 0:50	CMR
Cyclohexane	0.66	0.20	0.12		2.3	0.69	0.42	4	11/1/22 0:50	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 0:50	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 0:50	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 0:50	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 0:50	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 0:50	CMR
Dichlorodifluoromethane (Freon 12)	0.38	0.20	0.20		1.9	0.99	0.97	4	11/1/22 0:50	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 0:50	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 0:50	CMR
1,1-Dichloroethylene	0.36	0.20	0.15		1.4	0.79	0.60	4	11/1/22 0:50	CMR
cis-1,2-Dichloroethylene	9.0	0.20	0.15		36	0.79	0.58	4	11/1/22 0:50	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 0:50	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 0:50	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 0:50	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 0:50	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20	L-03	ND	1.4	1.4	4	11/1/22 0:50	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 0:50	CMR
Ethanol	5.2	8.0	3.5	L-03, J	9.8	15	6.6	4	11/1/22 0:50	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 0:50	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 0:50	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 0:50	CMR
Heptane	3.3	0.20	0.13		14	0.82	0.52	4	11/1/22 0:50	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	11/1/22 0:50	CMR
Hexane	130	8.0	1.0		440	28	3.7	4	11/1/22 0:50	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/1/22 0:50	CMR
Isopropanol	27	8.0	1.4	L-03	67	20	3.4	4	11/1/22 0:50	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 0:50	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 0:50	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 0:50	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 0:50	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 0:50	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 0:50	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 0:50	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-6_10.20.22
Sample ID: 22J3301-06
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:17

Sample Description/Location:
Sub Description/Location:
Canister ID: 1695
Canister Size: 6 liter
Flow Controller ID: 4415
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -8.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	0.61	0.20	0.15		4.1	1.4	1.0	4	11/1/22 0:50	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 0:50	CMR
Toluene	0.86	0.20	0.11		3.3	0.75	0.43	4	11/1/22 0:50	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	11/1/22 0:50	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/1/22 0:50	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 0:50	CMR
Trichloroethylene	34	0.20	0.13		180	1.1	0.72	4	11/1/22 0:50	CMR
Trichlorofluoromethane (Freon 11)	0.26	0.80	0.24	J	1.5	4.5	1.3	4	11/1/22 0:50	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 0:50	CMR
1,2,4-Trimethylbenzene	0.20	0.20	0.088		1.0	0.98	0.43	4	11/1/22 0:50	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 0:50	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 0:50	CMR
Vinyl Chloride	1.2	0.20	0.18		3.1	0.51	0.46	4	11/1/22 0:50	CMR
m&p-Xylene	0.36	0.40	0.22	J	1.5	1.7	0.97	4	11/1/22 0:50	CMR
o-Xylene	0.14	0.20	0.10	J	0.59	0.87	0.44	4	11/1/22 0:50	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	99.3	70-130	11/1/22 0:50	

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-7_10.20.22
Sample ID: 22J3301-07
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:25

Sample Description/Location:
Sub Description/Location:
Canister ID: 1966
Canister Size: 6 liter
Flow Controller ID: 4437
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	15	8.0	4.8		36	19	11	4	11/1/22 2:53	CMR
Benzene	0.36	0.20	0.15		1.2	0.64	0.48	4	11/1/22 2:53	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 2:53	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 2:53	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 2:53	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 2:53	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 2:53	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 2:53	CMR
Carbon Disulfide	0.86	2.0	0.18	J	2.7	6.2	0.58	4	11/1/22 2:53	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 2:53	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 2:53	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 2:53	CMR
Chloroform	1.5	0.20	0.19		7.5	0.98	0.93	4	11/1/22 2:53	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 2:53	CMR
Cyclohexane	0.41	0.20	0.12		1.4	0.69	0.42	4	11/1/22 2:53	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 2:53	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 2:53	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 2:53	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 2:53	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 2:53	CMR
Dichlorodifluoromethane (Freon 12)	0.37	0.20	0.20		1.8	0.99	0.97	4	11/1/22 2:53	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 2:53	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 2:53	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 2:53	CMR
cis-1,2-Dichloroethylene	0.54	0.20	0.15		2.2	0.79	0.58	4	11/1/22 2:53	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 2:53	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 2:53	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 2:53	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 2:53	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20	L-03	ND	1.4	1.4	4	11/1/22 2:53	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 2:53	CMR
Ethanol	6.3	8.0	3.5	L-03, J	12	15	6.6	4	11/1/22 2:53	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 2:53	CMR
Ethylbenzene	0.14	0.20	0.12	J	0.61	0.87	0.51	4	11/1/22 2:53	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 2:53	CMR
Heptane	0.27	0.20	0.13		1.1	0.82	0.52	4	11/1/22 2:53	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	11/1/22 2:53	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/1/22 2:53	CMR
2-Hexanone (MBK)	0.14	0.20	0.10	J	0.59	0.82	0.41	4	11/1/22 2:53	CMR
Isopropanol	41	8.0	1.4	L-03	100	20	3.4	4	11/1/22 2:53	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 2:53	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 2:53	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 2:53	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 2:53	CMR
Propene	4.0	8.0	1.8	J	6.9	14	3.0	4	11/1/22 2:53	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 2:53	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 2:53	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-7_10.20.22
Sample ID: 22J3301-07
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:25

Sample Description/Location:
Sub Description/Location:
Canister ID: 1966
Canister Size: 6 liter
Flow Controller ID: 4437
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	15	0.20	0.15		100	1.4	1.0	4	11/1/22 2:53	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 2:53	CMR
Toluene	1.3	0.20	0.11		4.9	0.75	0.43	4	11/1/22 2:53	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	11/1/22 2:53	CMR
1,1,1-Trichloroethane	2.0	0.20	0.16		11	1.1	0.86	4	11/1/22 2:53	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 2:53	CMR
Trichloroethylene	2.4	0.20	0.13		13	1.1	0.72	4	11/1/22 2:53	CMR
Trichlorofluoromethane (Freon 11)	3.0	0.80	0.24		17	4.5	1.3	4	11/1/22 2:53	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 2:53	CMR
1,2,4-Trimethylbenzene	0.30	0.20	0.088		1.5	0.98	0.43	4	11/1/22 2:53	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 2:53	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 2:53	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 2:53	CMR
m&p-Xylene	0.51	0.40	0.22		2.2	1.7	0.97	4	11/1/22 2:53	CMR
o-Xylene	0.20	0.20	0.10		0.87	0.87	0.44	4	11/1/22 2:53	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	100	70-130	11/1/22 2:53	

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-8_10.20.22
Sample ID: 22J3301-08
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:02

Sample Description/Location:
Sub Description/Location:
Canister ID: 1986
Canister Size: 6 liter
Flow Controller ID: 4450
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -9.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	31	8.0	4.8		74	19	11	4	11/1/22 19:37	CMR
Benzene	0.84	0.20	0.15		2.7	0.64	0.48	4	11/1/22 19:37	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 19:37	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 19:37	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 19:37	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 19:37	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 19:37	CMR
2-Butanone (MEK)	4.5	8.0	2.1	J	13	24	6.3	4	11/1/22 19:37	CMR
Carbon Disulfide	1.4	2.0	0.18	J	4.3	6.2	0.58	4	11/1/22 19:37	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 19:37	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 19:37	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 19:37	CMR
Chloroform	2.7	0.20	0.19		13	0.98	0.93	4	11/1/22 19:37	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 19:37	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/1/22 19:37	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 19:37	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 19:37	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 19:37	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 19:37	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 19:37	CMR
Dichlorodifluoromethane (Freon 12)	0.35	0.20	0.20		1.7	0.99	0.97	4	11/1/22 19:37	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 19:37	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 19:37	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 19:37	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/1/22 19:37	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 19:37	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 19:37	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 19:37	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 19:37	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20		ND	1.4	1.4	4	11/1/22 19:37	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 19:37	CMR
Ethanol	6.0	8.0	3.5	L-03, J	11	15	6.6	4	11/1/22 19:37	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 19:37	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 19:37	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 19:37	CMR
Heptane	0.21	0.20	0.13		0.87	0.82	0.52	4	11/1/22 19:37	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	11/1/22 19:37	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/1/22 19:37	CMR
2-Hexanone (MBK)	0.21	0.20	0.10		0.87	0.82	0.41	4	11/1/22 19:37	CMR
Isopropanol	27	8.0	1.4	L-03	65	20	3.4	4	11/1/22 19:37	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 19:37	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 19:37	CMR
4-Methyl-2-pentanone (MIBK)	0.21	0.20	0.11		0.87	0.82	0.44	4	11/1/22 19:37	CMR
Naphthalene	ND	0.20	0.15	L-03	ND	1.0	0.79	4	11/1/22 19:37	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 19:37	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 19:37	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 19:37	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-8_10.20.22
Sample ID: 22J3301-08
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:02

Sample Description/Location:
Sub Description/Location:
Canister ID: 1986
Canister Size: 6 liter
Flow Controller ID: 4450
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -9.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	0.68	0.20	0.15		4.6	1.4	1.0	4	11/1/22 19:37	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 19:37	CMR
Toluene	0.56	0.20	0.11		2.1	0.75	0.43	4	11/1/22 19:37	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	11/1/22 19:37	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/1/22 19:37	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 19:37	CMR
Trichloroethylene	0.16	0.20	0.13	J	0.86	1.1	0.72	4	11/1/22 19:37	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/1/22 19:37	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 19:37	CMR
1,2,4-Trimethylbenzene	0.22	0.20	0.088		1.1	0.98	0.43	4	11/1/22 19:37	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 19:37	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 19:37	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 19:37	CMR
m&p-Xylene	0.26	0.40	0.22	J	1.1	1.7	0.97	4	11/1/22 19:37	CMR
o-Xylene	0.12	0.20	0.10	J	0.52	0.87	0.44	4	11/1/22 19:37	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.3	70-130	11/1/22 19:37

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-10_10.20.22
Sample ID: 22J3301-10
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:14

Sample Description/Location:
Sub Description/Location:
Canister ID: 2223
Canister Size: 6 liter
Flow Controller ID: 4402
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	24	8.0	4.8		57	19	11	4	11/1/22 1:31	CMR
Benzene	0.89	0.20	0.15		2.8	0.64	0.48	4	11/1/22 1:31	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 1:31	CMR
Bromodichloromethane	1.4	0.20	0.14		9.4	1.3	0.94	4	11/1/22 1:31	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 1:31	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 1:31	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 1:31	CMR
2-Butanone (MEK)	2.8	8.0	2.1	J	8.4	24	6.3	4	11/1/22 1:31	CMR
Carbon Disulfide	1.7	2.0	0.18	J	5.4	6.2	0.58	4	11/1/22 1:31	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 1:31	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 1:31	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 1:31	CMR
Chloroform	53	0.20	0.19		260	0.98	0.93	4	11/1/22 1:31	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 1:31	CMR
Cyclohexane	0.22	0.20	0.12		0.76	0.69	0.42	4	11/1/22 1:31	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 1:31	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 1:31	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 1:31	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 1:31	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 1:31	CMR
Dichlorodifluoromethane (Freon 12)	0.38	0.20	0.20		1.9	0.99	0.97	4	11/1/22 1:31	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 1:31	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 1:31	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 1:31	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/1/22 1:31	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 1:31	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 1:31	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 1:31	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 1:31	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20	L-03	ND	1.4	1.4	4	11/1/22 1:31	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 1:31	CMR
Ethanol	5.3	8.0	3.5	L-03, J	10	15	6.6	4	11/1/22 1:31	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 1:31	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 1:31	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 1:31	CMR
Heptane	0.41	0.20	0.13		1.7	0.82	0.52	4	11/1/22 1:31	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	11/1/22 1:31	CMR
Hexane	1.2	8.0	1.0	J	4.3	28	3.7	4	11/1/22 1:31	CMR
2-Hexanone (MBK)	0.24	0.20	0.10		0.97	0.82	0.41	4	11/1/22 1:31	CMR
Isopropanol	23	8.0	1.4	L-03	57	20	3.4	4	11/1/22 1:31	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 1:31	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 1:31	CMR
4-Methyl-2-pentanone (MIBK)	0.19	0.20	0.11	J	0.77	0.82	0.44	4	11/1/22 1:31	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 1:31	CMR
Propene	6.7	8.0	1.8	J	12	14	3.0	4	11/1/22 1:31	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 1:31	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 1:31	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-10_10.20.22
Sample ID: 22J3301-10
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:14

Sample Description/Location:
Sub Description/Location:
Canister ID: 2223
Canister Size: 6 liter
Flow Controller ID: 4402
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	50	0.20	0.15		340	1.4	1.0	4	11/1/22 1:31	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 1:31	CMR
Toluene	0.87	0.20	0.11		3.3	0.75	0.43	4	11/1/22 1:31	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	11/1/22 1:31	CMR
1,1,1-Trichloroethane	4.2	0.20	0.16		23	1.1	0.86	4	11/1/22 1:31	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 1:31	CMR
Trichloroethylene	0.72	0.20	0.13		3.8	1.1	0.72	4	11/1/22 1:31	CMR
Trichlorofluoromethane (Freon 11)	0.29	0.80	0.24	J	1.6	4.5	1.3	4	11/1/22 1:31	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 1:31	CMR
1,2,4-Trimethylbenzene	0.31	0.20	0.088		1.5	0.98	0.43	4	11/1/22 1:31	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 1:31	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 1:31	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 1:31	CMR
m&p-Xylene	0.40	0.40	0.22	J	1.7	1.7	0.97	4	11/1/22 1:31	CMR
o-Xylene	0.15	0.20	0.10	J	0.66	0.87	0.44	4	11/1/22 1:31	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	97.6	70-130	11/1/22 1:31	

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-11_10.20.22
Sample ID: 22J3301-11
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:26

Sample Description/Location:
Sub Description/Location:
Canister ID: 1170
Canister Size: 6 liter
Flow Controller ID: 4414
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	64	8.0	4.8		150	19	11	4	11/1/22 4:13	CMR
Benzene	0.48	0.20	0.15		1.5	0.64	0.48	4	11/1/22 4:13	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 4:13	CMR
Bromodichloromethane	4.2	0.20	0.14		28	1.3	0.94	4	11/1/22 4:13	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 4:13	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 4:13	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 4:13	CMR
2-Butanone (MEK)	3.1	8.0	2.1	J	9.0	24	6.3	4	11/1/22 4:13	CMR
Carbon Disulfide	2.7	2.0	0.18		8.4	6.2	0.58	4	11/1/22 4:13	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 4:13	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 4:13	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 4:13	CMR
Chloroform	98	0.20	0.19		480	0.98	0.93	4	11/1/22 4:13	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 4:13	CMR
Cyclohexane	0.44	0.20	0.12		1.5	0.69	0.42	4	11/1/22 4:13	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 4:13	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 4:13	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 4:13	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 4:13	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 4:13	CMR
Dichlorodifluoromethane (Freon 12)	0.40	0.20	0.20		2.0	0.99	0.97	4	11/1/22 4:13	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 4:13	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 4:13	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 4:13	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/1/22 4:13	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 4:13	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 4:13	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 4:13	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 4:13	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20	L-03	ND	1.4	1.4	4	11/1/22 4:13	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 4:13	CMR
Ethanol	12	8.0	3.5	L-03	23	15	6.6	4	11/1/22 4:13	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 4:13	CMR
Ethylbenzene	0.24	0.20	0.12		1.0	0.87	0.51	4	11/1/22 4:13	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 4:13	CMR
Heptane	0.42	0.20	0.13		1.7	0.82	0.52	4	11/1/22 4:13	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	11/1/22 4:13	CMR
Hexane	4.6	8.0	1.0	J	16	28	3.7	4	11/1/22 4:13	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/1/22 4:13	CMR
Isopropanol	44	8.0	1.4	L-03	110	20	3.4	4	11/1/22 4:13	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 4:13	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 4:13	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 4:13	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 4:13	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 4:13	CMR
Styrene	0.42	0.20	0.11		1.8	0.85	0.45	4	11/1/22 4:13	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 4:13	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-11_10.20.22
Sample ID: 22J3301-11
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:26

Sample Description/Location:
Sub Description/Location:
Canister ID: 1170
Canister Size: 6 liter
Flow Controller ID: 4414
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	8.4	0.20	0.15		57	1.4	1.0	4	11/1/22 4:13	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 4:13	CMR
Toluene	0.98	0.20	0.11		3.7	0.75	0.43	4	11/1/22 4:13	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	11/1/22 4:13	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/1/22 4:13	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 4:13	CMR
Trichloroethylene	7.4	0.20	0.13		40	1.1	0.72	4	11/1/22 4:13	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/1/22 4:13	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 4:13	CMR
1,2,4-Trimethylbenzene	0.36	0.20	0.088		1.8	0.98	0.43	4	11/1/22 4:13	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 4:13	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 4:13	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 4:13	CMR
m&p-Xylene	0.79	0.40	0.22		3.4	1.7	0.97	4	11/1/22 4:13	CMR
o-Xylene	0.31	0.20	0.10		1.3	0.87	0.44	4	11/1/22 4:13	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	101	70-130	11/1/22 4:13	

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-12_10.20.22
Sample ID: 22J3301-12
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:50

Sample Description/Location:
Sub Description/Location:
Canister ID: 1675
Canister Size: 6 liter
Flow Controller ID: 4364
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -9.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	28	8.0	4.8		67	19	11	4	11/1/22 20:17	CMR
Benzene	7.5	0.20	0.15		24	0.64	0.48	4	11/1/22 20:17	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 20:17	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 20:17	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 20:17	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 20:17	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 20:17	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 20:17	CMR
Carbon Disulfide	1.9	2.0	0.18	J	5.9	6.2	0.58	4	11/1/22 20:17	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 20:17	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 20:17	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 20:17	CMR
Chloroform	3.3	0.20	0.19		16	0.98	0.93	4	11/1/22 20:17	CMR
Chloromethane	0.25	0.40	0.16	J	0.51	0.83	0.33	4	11/1/22 20:17	CMR
Cyclohexane	0.32	0.20	0.12		1.1	0.69	0.42	4	11/1/22 20:17	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 20:17	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 20:17	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 20:17	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 20:17	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 20:17	CMR
Dichlorodifluoromethane (Freon 12)	0.40	0.20	0.20		2.0	0.99	0.97	4	11/1/22 20:17	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 20:17	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 20:17	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 20:17	CMR
cis-1,2-Dichloroethylene	0.61	0.20	0.15		2.4	0.79	0.58	4	11/1/22 20:17	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 20:17	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 20:17	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 20:17	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 20:17	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20		ND	1.4	1.4	4	11/1/22 20:17	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 20:17	CMR
Ethanol	5.4	8.0	3.5	L-03, J	10	15	6.6	4	11/1/22 20:17	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 20:17	CMR
Ethylbenzene	0.13	0.20	0.12	J	0.56	0.87	0.51	4	11/1/22 20:17	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 20:17	CMR
Heptane	0.19	0.20	0.13	J	0.77	0.82	0.52	4	11/1/22 20:17	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	11/1/22 20:17	CMR
Hexane	1.3	8.0	1.0	J	4.5	28	3.7	4	11/1/22 20:17	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/1/22 20:17	CMR
Isopropanol	30	8.0	1.4	L-03	74	20	3.4	4	11/1/22 20:17	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 20:17	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 20:17	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 20:17	CMR
Naphthalene	ND	0.20	0.15	L-03	ND	1.0	0.79	4	11/1/22 20:17	CMR
Propene	8.1	8.0	1.8		14	14	3.0	4	11/1/22 20:17	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 20:17	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 20:17	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-12_10.20.22
Sample ID: 22J3301-12
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:50

Sample Description/Location:
Sub Description/Location:
Canister ID: 1675
Canister Size: 6 liter
Flow Controller ID: 4364
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -9.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	1.6	0.20	0.15		11	1.4	1.0	4	11/1/22 20:17	CMR
Tetrahydrofuran	1.9	2.0	0.33	J	5.7	5.9	0.97	4	11/1/22 20:17	CMR
Toluene	1.4	0.20	0.11		5.4	0.75	0.43	4	11/1/22 20:17	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	11/1/22 20:17	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/1/22 20:17	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 20:17	CMR
Trichloroethylene	0.31	0.20	0.13		1.7	1.1	0.72	4	11/1/22 20:17	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/1/22 20:17	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 20:17	CMR
1,2,4-Trimethylbenzene	0.40	0.20	0.088		1.9	0.98	0.43	4	11/1/22 20:17	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 20:17	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 20:17	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 20:17	CMR
m&p-Xylene	0.49	0.40	0.22		2.1	1.7	0.97	4	11/1/22 20:17	CMR
o-Xylene	0.20	0.20	0.10		0.87	0.87	0.44	4	11/1/22 20:17	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.7	70-130	11/1/22 20:17

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-13_10.20.22
Sample ID: 22J3301-13
Sample Matrix: Soil Gas
Sampled: 10/20/2022 13:06

Sample Description/Location:
Sub Description/Location:
Canister ID: 2029
Canister Size: 6 liter
Flow Controller ID: 4363
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -8.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	13	8.0	4.8		32	19	11	4	11/1/22 20:57	CMR
Benzene	0.64	0.20	0.15		2.0	0.64	0.48	4	11/1/22 20:57	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 20:57	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 20:57	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 20:57	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 20:57	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 20:57	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 20:57	CMR
Carbon Disulfide	0.42	2.0	0.18	J	1.3	6.2	0.58	4	11/1/22 20:57	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 20:57	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 20:57	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 20:57	CMR
Chloroform	4.0	0.20	0.19		20	0.98	0.93	4	11/1/22 20:57	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 20:57	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/1/22 20:57	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 20:57	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 20:57	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 20:57	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 20:57	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 20:57	CMR
Dichlorodifluoromethane (Freon 12)	0.36	0.20	0.20		1.8	0.99	0.97	4	11/1/22 20:57	CMR
1,1-Dichloroethane	0.31	0.20	0.17		1.3	0.81	0.71	4	11/1/22 20:57	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 20:57	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 20:57	CMR
cis-1,2-Dichloroethylene	21	0.20	0.15		84	0.79	0.58	4	11/1/22 20:57	CMR
trans-1,2-Dichloroethylene	0.97	0.20	0.16		3.9	0.79	0.62	4	11/1/22 20:57	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 20:57	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 20:57	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 20:57	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20		ND	1.4	1.4	4	11/1/22 20:57	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 20:57	CMR
Ethanol	9.4	8.0	3.5	L-03	18	15	6.6	4	11/1/22 20:57	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 20:57	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 20:57	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 20:57	CMR
Heptane	0.33	0.20	0.13		1.3	0.82	0.52	4	11/1/22 20:57	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	11/1/22 20:57	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/1/22 20:57	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/1/22 20:57	CMR
Isopropanol	24	8.0	1.4	L-03	60	20	3.4	4	11/1/22 20:57	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 20:57	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 20:57	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 20:57	CMR
Naphthalene	ND	0.20	0.15	L-03	ND	1.0	0.79	4	11/1/22 20:57	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 20:57	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 20:57	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 20:57	CMR

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

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-13_10.20.22
Sample ID: 22J3301-13
Sample Matrix: Soil Gas
Sampled: 10/20/2022 13:06

Sample Description/Location:
Sub Description/Location:
Canister ID: 2029
Canister Size: 6 liter
Flow Controller ID: 4363
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -8.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	56	0.20	0.15		380	1.4	1.0	4	11/1/22 20:57	CMR
Tetrahydrofuran	80	2.0	0.33		240	5.9	0.97	4	11/1/22 20:57	CMR
Toluene	0.69	0.20	0.11		2.6	0.75	0.43	4	11/1/22 20:57	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	11/1/22 20:57	CMR
1,1,1-Trichloroethane	0.98	0.20	0.16		5.3	1.1	0.86	4	11/1/22 20:57	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 20:57	CMR
Trichloroethylene	13	0.20	0.13		70	1.1	0.72	4	11/1/22 20:57	CMR
Trichlorofluoromethane (Freon 11)	0.27	0.80	0.24	J	1.5	4.5	1.3	4	11/1/22 20:57	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.23	0.80	0.22	J	1.7	6.1	1.7	4	11/1/22 20:57	CMR
1,2,4-Trimethylbenzene	0.35	0.20	0.088		1.7	0.98	0.43	4	11/1/22 20:57	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 20:57	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 20:57	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 20:57	CMR
m&p-Xylene	0.44	0.40	0.22		1.9	1.7	0.97	4	11/1/22 20:57	CMR
o-Xylene	0.18	0.20	0.10	J	0.78	0.87	0.44	4	11/1/22 20:57	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	95.8	70-130		11/1/22 20:57

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-14_10.20.22
Sample ID: 22J3301-14
Sample Matrix: Soil Gas
Sampled: 10/20/2022 13:16

Sample Description/Location:
Sub Description/Location:
Canister ID: 1066
Canister Size: 6 liter
Flow Controller ID: 4300
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	12	8.0	4.8		29	19	11	4	11/1/22 0:10	CMR
Benzene	0.31	0.20	0.15		0.98	0.64	0.48	4	11/1/22 0:10	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 0:10	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 0:10	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 0:10	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 0:10	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 0:10	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 0:10	CMR
Carbon Disulfide	1.0	2.0	0.18	J	3.1	6.2	0.58	4	11/1/22 0:10	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 0:10	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 0:10	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 0:10	CMR
Chloroform	5.2	0.20	0.19		25	0.98	0.93	4	11/1/22 0:10	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 0:10	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/1/22 0:10	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 0:10	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 0:10	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 0:10	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 0:10	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 0:10	CMR
Dichlorodifluoromethane (Freon 12)	0.34	0.20	0.20		1.7	0.99	0.97	4	11/1/22 0:10	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 0:10	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 0:10	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 0:10	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/1/22 0:10	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 0:10	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 0:10	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 0:10	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 0:10	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20	L-03	ND	1.4	1.4	4	11/1/22 0:10	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 0:10	CMR
Ethanol	7.6	8.0	3.5	L-03, J	14	15	6.6	4	11/1/22 0:10	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 0:10	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 0:10	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 0:10	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	11/1/22 0:10	CMR
Hexachlorobutadiene	ND	0.20	0.16	L-03	ND	2.1	1.8	4	11/1/22 0:10	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/1/22 0:10	CMR
2-Hexanone (MBK)	0.13	0.20	0.10	J	0.52	0.82	0.41	4	11/1/22 0:10	CMR
Isopropanol	33	8.0	1.4	L-03	82	20	3.4	4	11/1/22 0:10	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 0:10	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 0:10	CMR
4-Methyl-2-pentanone (MIBK)	0.18	0.20	0.11	J	0.75	0.82	0.44	4	11/1/22 0:10	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 0:10	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 0:10	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 0:10	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 0:10	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-14_10.20.22
Sample ID: 22J3301-14
Sample Matrix: Soil Gas
Sampled: 10/20/2022 13:16

Sample Description/Location:
Sub Description/Location:
Canister ID: 1066
Canister Size: 6 liter
Flow Controller ID: 4300
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	4.9	0.20	0.15		33	1.4	1.0	4	11/1/22 0:10	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 0:10	CMR
Toluene	0.70	0.20	0.11		2.6	0.75	0.43	4	11/1/22 0:10	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19	L-03	ND	1.5	1.4	4	11/1/22 0:10	CMR
1,1,1-Trichloroethane	0.20	0.20	0.16		1.1	1.1	0.86	4	11/1/22 0:10	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 0:10	CMR
Trichloroethylene	ND	0.20	0.13		ND	1.1	0.72	4	11/1/22 0:10	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/1/22 0:10	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 0:10	CMR
1,2,4-Trimethylbenzene	0.48	0.20	0.088		2.3	0.98	0.43	4	11/1/22 0:10	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 0:10	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 0:10	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 0:10	CMR
m&p-Xylene	0.34	0.40	0.22	J	1.5	1.7	0.97	4	11/1/22 0:10	CMR
o-Xylene	0.15	0.20	0.10	J	0.66	0.87	0.44	4	11/1/22 0:10	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	97.3	70-130	11/1/22 0:10	

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: OA-1_10.20.22
Sample ID: 22J3301-15
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:30

Sample Description/Location:
Sub Description/Location:
Canister ID: 1928
Canister Size: 6 liter
Flow Controller ID: 4424
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -9.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	3.2	1.4	0.85		7.7	3.3	2.0	0.702	11/1/22 18:56	CMR
Benzene	0.18	0.035	0.027		0.57	0.11	0.085	0.702	11/1/22 18:56	CMR
Benzyl chloride	ND	0.035	0.031		ND	0.18	0.16	0.702	11/1/22 18:56	CMR
Bromodichloromethane	ND	0.035	0.025		ND	0.24	0.16	0.702	11/1/22 18:56	CMR
Bromoform	ND	0.035	0.024		ND	0.36	0.25	0.702	11/1/22 18:56	CMR
Bromomethane	ND	0.035	0.023		ND	0.14	0.091	0.702	11/1/22 18:56	CMR
1,3-Butadiene	0.037	0.035	0.029		0.082	0.078	0.065	0.702	11/1/22 18:56	CMR
2-Butanone (MEK)	ND	1.4	0.37		ND	4.1	1.1	0.702	11/1/22 18:56	CMR
Carbon Disulfide	ND	0.35	0.032		ND	1.1	0.10	0.702	11/1/22 18:56	CMR
Carbon Tetrachloride	0.072	0.035	0.028		0.45	0.22	0.18	0.702	11/1/22 18:56	CMR
Chlorobenzene	ND	0.035	0.023		ND	0.16	0.11	0.702	11/1/22 18:56	CMR
Chloroethane	ND	0.035	0.031		ND	0.093	0.082	0.702	11/1/22 18:56	CMR
Chloroform	ND	0.035	0.033		ND	0.17	0.16	0.702	11/1/22 18:56	CMR
Chloromethane	0.43	0.070	0.028		0.90	0.14	0.058	0.702	11/1/22 18:56	CMR
Cyclohexane	0.045	0.035	0.021		0.15	0.12	0.073	0.702	11/1/22 18:56	CMR
Dibromochloromethane	ND	0.035	0.023		ND	0.30	0.20	0.702	11/1/22 18:56	CMR
1,2-Dibromoethane (EDB)	ND	0.035	0.021		ND	0.27	0.16	0.702	11/1/22 18:56	CMR
1,2-Dichlorobenzene	ND	0.035	0.020		ND	0.21	0.12	0.702	11/1/22 18:56	CMR
1,3-Dichlorobenzene	ND	0.035	0.019		ND	0.21	0.12	0.702	11/1/22 18:56	CMR
1,4-Dichlorobenzene	ND	0.035	0.023		ND	0.21	0.14	0.702	11/1/22 18:56	CMR
Dichlorodifluoromethane (Freon 12)	0.21	0.035	0.034		1.0	0.17	0.17	0.702	11/1/22 18:56	CMR
1,1-Dichloroethane	ND	0.035	0.031		ND	0.14	0.12	0.702	11/1/22 18:56	CMR
1,2-Dichloroethane	ND	0.035	0.032		ND	0.14	0.13	0.702	11/1/22 18:56	CMR
1,1-Dichloroethylene	ND	0.035	0.027		ND	0.14	0.11	0.702	11/1/22 18:56	CMR
cis-1,2-Dichloroethylene	ND	0.035	0.026		ND	0.14	0.10	0.702	11/1/22 18:56	CMR
trans-1,2-Dichloroethylene	ND	0.035	0.028		ND	0.14	0.11	0.702	11/1/22 18:56	CMR
1,2-Dichloropropane	ND	0.035	0.019		ND	0.16	0.088	0.702	11/1/22 18:56	CMR
cis-1,3-Dichloropropene	ND	0.035	0.018		ND	0.16	0.082	0.702	11/1/22 18:56	CMR
trans-1,3-Dichloropropene	ND	0.035	0.018		ND	0.16	0.082	0.702	11/1/22 18:56	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035	0.035		ND	0.25	0.24	0.702	11/1/22 18:56	CMR
1,4-Dioxane	ND	0.35	0.029		ND	1.3	0.10	0.702	11/1/22 18:56	CMR
Ethanol	4.4	1.4	0.62	L-03	8.3	2.6	1.2	0.702	11/1/22 18:56	CMR
Ethyl Acetate	ND	0.35	0.18		ND	1.3	0.64	0.702	11/1/22 18:56	CMR
Ethylbenzene	0.046	0.035	0.020		0.20	0.15	0.089	0.702	11/1/22 18:56	CMR
4-Ethyltoluene	ND	0.035	0.022		ND	0.17	0.11	0.702	11/1/22 18:56	CMR
Heptane	0.34	0.035	0.022		1.4	0.14	0.092	0.702	11/1/22 18:56	CMR
Hexachlorobutadiene	ND	0.035	0.029	L-03	ND	0.37	0.31	0.702	11/1/22 18:56	CMR
Hexane	0.49	1.4	0.18	J	1.7	4.9	0.64	0.702	11/1/22 18:56	CMR
2-Hexanone (MBK)	ND	0.035	0.018		ND	0.14	0.072	0.702	11/1/22 18:56	CMR
Isopropanol	0.66	1.4	0.24	L-03, J	1.6	3.4	0.60	0.702	11/1/22 18:56	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.035	0.027		ND	0.13	0.098	0.702	11/1/22 18:56	CMR
Methylene Chloride	ND	0.35	0.16		ND	1.2	0.57	0.702	11/1/22 18:56	CMR
4-Methyl-2-pentanone (MIBK)	0.040	0.035	0.019		0.16	0.14	0.077	0.702	11/1/22 18:56	CMR
Naphthalene	0.048	0.035	0.026	L-03	0.25	0.18	0.14	0.702	11/1/22 18:56	CMR
Propene	ND	1.4	0.31		ND	2.4	0.53	0.702	11/1/22 18:56	CMR
Styrene	ND	0.035	0.018		ND	0.15	0.079	0.702	11/1/22 18:56	CMR
1,1,2,2-Tetrachloroethane	ND	0.035	0.019		ND	0.24	0.13	0.702	11/1/22 18:56	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: OA-1_10.20.22
Sample ID: 22J3301-15
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:30

Sample Description/Location:
Sub Description/Location:
Canister ID: 1928
Canister Size: 6 liter
Flow Controller ID: 4424
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -9.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	0.038	0.035	0.027		0.26	0.24	0.18	0.702	11/1/22 18:56	CMR
Tetrahydrofuran	ND	0.35	0.058		ND	1.0	0.17	0.702	11/1/22 18:56	CMR
Toluene	0.58	0.035	0.020		2.2	0.13	0.076	0.702	11/1/22 18:56	CMR
1,2,4-Trichlorobenzene	ND	0.035	0.033	L-03	ND	0.26	0.24	0.702	11/1/22 18:56	CMR
1,1,1-Trichloroethane	ND	0.035	0.028		ND	0.19	0.15	0.702	11/1/22 18:56	CMR
1,1,2-Trichloroethane	ND	0.035	0.025		ND	0.19	0.13	0.702	11/1/22 18:56	CMR
Trichloroethylene	ND	0.035	0.024		ND	0.19	0.13	0.702	11/1/22 18:56	CMR
Trichlorofluoromethane (Freon 11)	0.18	0.14	0.041		1.0	0.79	0.23	0.702	11/1/22 18:56	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.053	0.14	0.039	J	0.40	1.1	0.30	0.702	11/1/22 18:56	CMR
1,2,4-Trimethylbenzene	0.046	0.035	0.016		0.22	0.17	0.076	0.702	11/1/22 18:56	CMR
1,3,5-Trimethylbenzene	ND	0.035	0.019		ND	0.17	0.091	0.702	11/1/22 18:56	CMR
Vinyl Acetate	ND	0.70	0.19		ND	2.5	0.66	0.702	11/1/22 18:56	CMR
Vinyl Chloride	ND	0.035	0.032		ND	0.090	0.081	0.702	11/1/22 18:56	CMR
m&p-Xylene	0.14	0.070	0.039		0.62	0.30	0.17	0.702	11/1/22 18:56	CMR
o-Xylene	0.058	0.035	0.018		0.25	0.15	0.078	0.702	11/1/22 18:56	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.9	70-130	11/1/22 18:56

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Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
22J3301-01 [SV-1_10.20.22]	B321777	2	1	N/A	1000	400	200	10/31/22
22J3301-02 [SV-2_10.20.22]	B321777	1.5	1	N/A	1000	400	150	10/31/22
22J3301-03 [SV-3_10.20.22]	B321777	2	1	N/A	1000	400	200	10/31/22
22J3301-04 [SV-4_10.20.22]	B321777	2	1	N/A	1000	400	200	10/31/22
22J3301-05 [SV-5_10.20.22]	B321777	2	200	5	1000	400	400	10/31/22
22J3301-06 [SV-6_10.20.22]	B321777	1.5	1	N/A	1000	400	150	10/31/22
22J3301-07 [SV-7_10.20.22]	B321777	2	1	N/A	1000	400	200	10/31/22
22J3301-10 [SV-10_10.20.22]	B321777	2	1	N/A	1000	400	200	10/31/22
22J3301-11 [SV-11_10.20.22]	B321777	2	1	N/A	1000	400	200	10/31/22
22J3301-14 [SV-14_10.20.22]	B321777	2	1	N/A	1000	400	200	10/31/22

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
22J3301-08 [SV-8_10.20.22]	B321905	1.5	1	N/A	1000	400	150	11/01/22
22J3301-12 [SV-12_10.20.22]	B321905	1.5	1	N/A	1000	400	150	11/01/22
22J3301-13 [SV-13_10.20.22]	B321905	1.5	1	N/A	1000	400	150	11/01/22
22J3301-15 [OA-1_10.20.22]	B321905	1.5	1	N/A	1000	400	855	11/01/22

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B321777 - TO-15 Prep											
Blank (B321777-BLK1)					Prepared & Analyzed: 10/31/22						
Acetone	ND	1.4									
Benzene	ND	0.035									
Benzyl chloride	ND	0.035									
Bromodichloromethane	ND	0.035									
Bromoform	ND	0.035									
Bromomethane	ND	0.035									
1,3-Butadiene	ND	0.035									
2-Butanone (MEK)	ND	1.4									
Carbon Disulfide	ND	0.35									
Carbon Tetrachloride	ND	0.035									
Chlorobenzene	ND	0.035									
Chloroethane	ND	0.035									
Chloroform	ND	0.035									
Chloromethane	ND	0.070									
Cyclohexane	ND	0.035									
Dibromochloromethane	ND	0.035									
1,2-Dibromoethane (EDB)	ND	0.035									
1,2-Dichlorobenzene	ND	0.035									
1,3-Dichlorobenzene	ND	0.035									
1,4-Dichlorobenzene	ND	0.035									
Dichlorodifluoromethane (Freon 12)	ND	0.035									
1,1-Dichloroethane	ND	0.035									
1,2-Dichloroethane	ND	0.035									
1,1-Dichloroethylene	ND	0.035									
cis-1,2-Dichloroethylene	ND	0.035									
trans-1,2-Dichloroethylene	ND	0.035									
1,2-Dichloropropane	ND	0.035									
cis-1,3-Dichloropropene	ND	0.035									
trans-1,3-Dichloropropene	ND	0.035									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035									L-03
1,4-Dioxane	ND	0.35									
Ethanol	ND	1.4									L-03
Ethyl Acetate	ND	0.35									
Ethylbenzene	ND	0.035									
4-Ethyltoluene	ND	0.035									
Heptane	ND	0.035									
Hexachlorobutadiene	ND	0.035									L-03
Hexane	ND	1.4									
2-Hexanone (MBK)	ND	0.035									
Isopropanol	ND	1.4									L-03
Methyl tert-Butyl Ether (MTBE)	ND	0.035									
Methylene Chloride	ND	0.35									
4-Methyl-2-pentanone (MIBK)	ND	0.035									
Naphthalene	ND	0.035									
Propene	ND	1.4									
Styrene	ND	0.035									

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B321777 - TO-15 Prep											
Blank (B321777-BLK1)					Prepared & Analyzed: 10/31/22						
1,1,2,2-Tetrachloroethane	ND	0.035									
Tetrachloroethylene	ND	0.035									
Tetrahydrofuran	ND	0.35									
Toluene	ND	0.035									
1,2,4-Trichlorobenzene	ND	0.035									L-03
1,1,1-Trichloroethane	ND	0.035									
1,1,2-Trichloroethane	ND	0.035									
Trichloroethylene	ND	0.035									
Trichlorofluoromethane (Freon 11)	ND	0.14									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14									
1,2,4-Trimethylbenzene	ND	0.035									
1,3,5-Trimethylbenzene	ND	0.035									
Vinyl Acetate	ND	0.70									
Vinyl Chloride	ND	0.035									
m&p-Xylene	ND	0.070									
o-Xylene	ND	0.035									
Surrogate: 4-Bromofluorobenzene (1)	*7.69*				*8.00*		*96.1*	*70-130*			
LCS (B321777-BS1)					Prepared & Analyzed: 10/31/22						
Acetone	3.96				5.00		79.2	70-130			
Benzene	4.70				5.00		94.1	70-130			
Benzyl chloride	4.49				5.00		89.7	70-130			
Bromodichloromethane	4.54				5.00		90.7	70-130			
Bromoform	4.20				5.00		84.1	70-130			
Bromomethane	3.60				5.00		72.0	70-130			
1,3-Butadiene	3.68				5.00		73.6	70-130			
2-Butanone (MEK)	4.24				5.00		84.9	70-130			
Carbon Disulfide	4.29				5.00		85.8	70-130			
Carbon Tetrachloride	4.59				5.00		91.9	70-130			
Chlorobenzene	4.10				5.00		82.0	70-130			
Chloroethane	3.78				5.00		75.7	70-130			
Chloroform	4.06				5.00		81.3	70-130			
Chloromethane	3.77				5.00		75.4	70-130			
Cyclohexane	4.65				5.00		92.9	70-130			
Dibromochloromethane	4.44				5.00		88.7	70-130			
1,2-Dibromoethane (EDB)	4.19				5.00		83.7	70-130			
1,2-Dichlorobenzene	3.90				5.00		78.1	70-130			
1,3-Dichlorobenzene	4.10				5.00		82.1	70-130			
1,4-Dichlorobenzene	4.05				5.00		81.1	70-130			
Dichlorodifluoromethane (Freon 12)	4.13				5.00		82.7	70-130			
1,1-Dichloroethane	4.42				5.00		88.4	70-130			
1,2-Dichloroethane	4.26				5.00		85.2	70-130			
1,1-Dichloroethylene	4.38				5.00		87.5	70-130			
cis-1,2-Dichloroethylene	4.27				5.00		85.5	70-130			
trans-1,2-Dichloroethylene	4.33				5.00		86.6	70-130			
1,2-Dichloropropane	4.94				5.00		98.8	70-130			

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B321777 - TO-15 Prep												
LCS (B321777-BS1)					Prepared & Analyzed: 10/31/22							
cis-1,3-Dichloropropene	4.60				5.00		91.9		70-130			
trans-1,3-Dichloropropene	4.58				5.00		91.7		70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	3.41				5.00		**68.1**	*	70-130			L-03
1,4-Dioxane	4.11				5.00		82.2		70-130			
Ethanol	2.66				5.00		**53.2**	*	70-130			L-03
Ethyl Acetate	4.35				5.00		87.0		70-130			
Ethylbenzene	4.41				5.00		88.2		70-130			
4-Ethyltoluene	4.39				5.00		87.8		70-130			
Heptane	5.09				5.00		102		70-130			
Hexachlorobutadiene	3.28				5.00		**65.7**	*	70-130			L-03
Hexane	4.67				5.00		93.5		70-130			
2-Hexanone (MBK)	4.85				5.00		96.9		70-130			
Isopropanol	2.91				5.00		**58.3**	*	70-130			L-03
Methyl tert-Butyl Ether (MTBE)	4.04				5.00		80.8		70-130			
Methylene Chloride	3.91				5.00		78.3		70-130			
4-Methyl-2-pentanone (MIBK)	4.96				5.00		99.2		70-130			
Naphthalene	5.69				5.00		114		70-130			
Propene	4.27				5.00		85.4		70-130			
Styrene	4.42				5.00		88.5		70-130			
1,1,2,2-Tetrachloroethane	4.15				5.00		83.0		70-130			
Tetrachloroethylene	3.99				5.00		79.8		70-130			
Tetrahydrofuran	4.21				5.00		84.2		70-130			
Toluene	4.44				5.00		88.8		70-130			
1,2,4-Trichlorobenzene	3.42				5.00		**68.3**	*	70-130			L-03
1,1,1-Trichloroethane	4.27				5.00		85.5		70-130			
1,1,2-Trichloroethane	4.31				5.00		86.1		70-130			
Trichloroethylene	4.44				5.00		88.8		70-130			
Trichlorofluoromethane (Freon 11)	3.85				5.00		77.0		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.77				5.00		75.3		70-130			
1,2,4-Trimethylbenzene	4.26				5.00		85.2		70-130			
1,3,5-Trimethylbenzene	4.34				5.00		86.8		70-130			
Vinyl Acetate	3.95				5.00		78.9		70-130			
Vinyl Chloride	3.85				5.00		77.0		70-130			
m&p-Xylene	9.02				10.0		90.2		70-130			
o-Xylene	4.57				5.00		91.4		70-130			
Surrogate: 4-Bromofluorobenzene (1)	*8.38*				*8.00*		*105*		*70-130*			

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B321905 - TO-15 Prep											
Blank (B321905-BLK1)					Prepared & Analyzed: 11/01/22						
Acetone	ND	1.4									
Benzene	ND	0.035									
Benzyl chloride	ND	0.035									
Bromodichloromethane	ND	0.035									
Bromoform	ND	0.035									
Bromomethane	ND	0.035									
1,3-Butadiene	ND	0.035									
2-Butanone (MEK)	ND	1.4									
Carbon Disulfide	ND	0.35									
Carbon Tetrachloride	ND	0.035									
Chlorobenzene	ND	0.035									
Chloroethane	ND	0.035									
Chloroform	ND	0.035									
Chloromethane	ND	0.070									
Cyclohexane	ND	0.035									
Dibromochloromethane	ND	0.035									
1,2-Dibromoethane (EDB)	ND	0.035									
1,2-Dichlorobenzene	ND	0.035									
1,3-Dichlorobenzene	ND	0.035									
1,4-Dichlorobenzene	ND	0.035									
Dichlorodifluoromethane (Freon 12)	ND	0.035									
1,1-Dichloroethane	ND	0.035									
1,2-Dichloroethane	ND	0.035									
1,1-Dichloroethylene	ND	0.035									
cis-1,2-Dichloroethylene	ND	0.035									
trans-1,2-Dichloroethylene	ND	0.035									
1,2-Dichloropropane	ND	0.035									
cis-1,3-Dichloropropene	ND	0.035									
trans-1,3-Dichloropropene	ND	0.035									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035									
1,4-Dioxane	ND	0.35									
Ethanol	ND	1.4									L-03
Ethyl Acetate	ND	0.35									
Ethylbenzene	ND	0.035									
4-Ethyltoluene	ND	0.035									
Heptane	ND	0.035									
Hexachlorobutadiene	ND	0.035									L-03
Hexane	ND	1.4									
2-Hexanone (MBK)	ND	0.035									
Isopropanol	ND	1.4									L-03
Methyl tert-Butyl Ether (MTBE)	ND	0.035									
Methylene Chloride	ND	0.35									
4-Methyl-2-pentanone (MIBK)	ND	0.035									
Naphthalene	ND	0.035									L-03
Propene	ND	1.4									
Styrene	ND	0.035									

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B321905 - TO-15 Prep											
Blank (B321905-BLK1)					Prepared & Analyzed: 11/01/22						
1,1,2,2-Tetrachloroethane	ND	0.035									
Tetrachloroethylene	ND	0.035									
Tetrahydrofuran	ND	0.35									
Toluene	ND	0.035									
1,2,4-Trichlorobenzene	ND	0.035									L-03
1,1,1-Trichloroethane	ND	0.035									
1,1,2-Trichloroethane	ND	0.035									
Trichloroethylene	ND	0.035									
Trichlorofluoromethane (Freon 11)	ND	0.14									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14									
1,2,4-Trimethylbenzene	ND	0.035									
1,3,5-Trimethylbenzene	ND	0.035									
Vinyl Acetate	ND	0.70									
Vinyl Chloride	ND	0.035									
m&p-Xylene	ND	0.070									
o-Xylene	ND	0.035									
Surrogate: 4-Bromofluorobenzene (1)	*7.66*				*8.00*		*95.7*	*70-130*			
LCS (B321905-BS1)					Prepared & Analyzed: 11/01/22						
Acetone	4.44				5.00		88.7	70-130			
Benzene	5.57				5.00		111	70-130			
Benzyl chloride	5.13				5.00		103	70-130			
Bromodichloromethane	5.44				5.00		109	70-130			
Bromoform	4.80				5.00		96.0	70-130			
Bromomethane	3.81				5.00		76.2	70-130			
1,3-Butadiene	4.04				5.00		80.7	70-130			
2-Butanone (MEK)	4.85				5.00		97.1	70-130			
Carbon Disulfide	4.63				5.00		92.6	70-130			
Carbon Tetrachloride	5.27				5.00		105	70-130			
Chlorobenzene	4.76				5.00		95.3	70-130			
Chloroethane	4.22				5.00		84.3	70-130			
Chloroform	4.37				5.00		87.4	70-130			
Chloromethane	4.24				5.00		84.7	70-130			
Cyclohexane	5.39				5.00		108	70-130			
Dibromochloromethane	5.20				5.00		104	70-130			
1,2-Dibromoethane (EDB)	4.94				5.00		98.7	70-130			
1,2-Dichlorobenzene	4.29				5.00		85.8	70-130			
1,3-Dichlorobenzene	4.52				5.00		90.5	70-130			
1,4-Dichlorobenzene	4.53				5.00		90.5	70-130			
Dichlorodifluoromethane (Freon 12)	4.43				5.00		88.6	70-130			
1,1-Dichloroethane	4.82				5.00		96.4	70-130			
1,2-Dichloroethane	4.65				5.00		93.0	70-130			
1,1-Dichloroethylene	4.79				5.00		95.8	70-130			
cis-1,2-Dichloroethylene	4.71				5.00		94.3	70-130			
trans-1,2-Dichloroethylene	4.74				5.00		94.8	70-130			
1,2-Dichloropropane	6.06				5.00		121	70-130			

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B321905 - TO-15 Prep												
LCS (B321905-BS1)					Prepared & Analyzed: 11/01/22							
cis-1,3-Dichloropropene	5.50				5.00		110		70-130			
trans-1,3-Dichloropropene	5.48				5.00		110		70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	3.61				5.00		72.2		70-130			
1,4-Dioxane	4.69				5.00		93.7		70-130			
Ethanol	3.10				5.00		**62.0**	*	70-130			L-03
Ethyl Acetate	4.79				5.00		95.9		70-130			
Ethylbenzene	5.21				5.00		104		70-130			
4-Ethyltoluene	5.11				5.00		102		70-130			
Heptane	6.19				5.00		124		70-130			
Hexachlorobutadiene	3.21				5.00		**64.1**	*	70-130			L-03
Hexane	5.32				5.00		106		70-130			
2-Hexanone (MBK)	6.24				5.00		125		70-130			
Isopropanol	3.22				5.00		**64.5**	*	70-130			L-03
Methyl tert-Butyl Ether (MTBE)	4.28				5.00		85.6		70-130			
Methylene Chloride	4.34				5.00		86.8		70-130			
4-Methyl-2-pentanone (MIBK)	6.35				5.00		127		70-130			
Naphthalene	3.44				5.00		**68.8**	*	70-130			L-03
Propene	4.86				5.00		97.3		70-130			
Styrene	5.13				5.00		103		70-130			
1,1,2,2-Tetrachloroethane	5.05				5.00		101		70-130			
Tetrachloroethylene	4.49				5.00		89.9		70-130			
Tetrahydrofuran	4.51				5.00		90.3		70-130			
Toluene	5.24				5.00		105		70-130			
1,2,4-Trichlorobenzene	2.86				5.00		**57.2**	*	70-130			L-03
1,1,1-Trichloroethane	4.96				5.00		99.2		70-130			
1,1,2-Trichloroethane	5.14				5.00		103		70-130			
Trichloroethylene	5.23				5.00		105		70-130			
Trichlorofluoromethane (Freon 11)	3.97				5.00		79.3		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.91				5.00		78.2		70-130			
1,2,4-Trimethylbenzene	4.94				5.00		98.7		70-130			
1,3,5-Trimethylbenzene	5.03				5.00		101		70-130			
Vinyl Acetate	4.35				5.00		87.0		70-130			
Vinyl Chloride	4.21				5.00		84.2		70-130			
m&p-Xylene	10.7				10.0		107		70-130			
o-Xylene	5.43				5.00		109		70-130			
Surrogate: 4-Bromofluorobenzene (1)	*7.85*				*8.00*		*98.2*		*70-130*			

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B321905 - TO-15 Prep											
Duplicate (B321905-DUP1)			**Source: 22J3301-13**		Prepared & Analyzed: 11/01/22						
Acetone	13	8.0	32	19		13			0.0298	25	
Benzene	0.66	0.20	2.1	0.64		0.64			3.70	25	
Benzyl chloride	ND	0.20	ND	1.0		ND				25	
Bromodichloromethane	ND	0.20	ND	1.3		ND				25	
Bromoform	ND	0.20	ND	2.1		ND				25	
Bromomethane	ND	0.20	ND	0.78		ND				25	
1,3-Butadiene	ND	0.20	ND	0.44		ND				25	
2-Butanone (MEK)	ND	8.0	ND	24		ND				25	
Carbon Disulfide	0.40	2.0	1.2	6.2		0.42			3.92	25	J
Carbon Tetrachloride	ND	0.20	ND	1.3		ND				25	
Chlorobenzene	ND	0.20	ND	0.92		ND				25	
Chloroethane	ND	0.20	ND	0.53		ND				25	
Chloroform	3.9	0.20	19	0.98		4.0			2.94	25	
Chloromethane	0.16	0.40	0.34	0.83		ND				25	J
Cyclohexane	ND	0.20	ND	0.69		ND				25	
Dibromochloromethane	ND	0.20	ND	1.7		ND				25	
1,2-Dibromoethane (EDB)	ND	0.20	ND	1.5		ND				25	
1,2-Dichlorobenzene	ND	0.20	ND	1.2		ND				25	
1,3-Dichlorobenzene	ND	0.20	ND	1.2		ND				25	
1,4-Dichlorobenzene	ND	0.20	ND	1.2		ND				25	
Dichlorodifluoromethane (Freon 12)	0.36	0.20	1.8	0.99		0.36			1.10	25	
1,1-Dichloroethane	0.31	0.20	1.2	0.81		0.31			1.29	25	
1,2-Dichloroethane	ND	0.20	ND	0.81		ND				25	
1,1-Dichloroethylene	ND	0.20	ND	0.79		ND				25	
cis-1,2-Dichloroethylene	21	0.20	84	0.79		21			0.321	25	
trans-1,2-Dichloroethylene	0.96	0.20	3.8	0.79		0.97			1.24	25	
1,2-Dichloropropane	ND	0.20	ND	0.92		ND				25	
cis-1,3-Dichloropropene	ND	0.20	ND	0.91		ND				25	
trans-1,3-Dichloropropene	ND	0.20	ND	0.91		ND				25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	ND	1.4		ND				25	
1,4-Dioxane	ND	2.0	ND	7.2		ND				25	
Ethanol	9.0	8.0	17	15		9.4			4.09	25	L-03
Ethyl Acetate	ND	2.0	ND	7.2		ND				25	
Ethylbenzene	ND	0.20	ND	0.87		ND				25	
4-Ethyltoluene	ND	0.20	ND	0.98		ND				25	
Heptane	0.33	0.20	1.4	0.82		0.33			1.21	25	
Hexachlorobutadiene	ND	0.20	ND	2.1		ND				25	L-03
Hexane	ND	8.0	ND	28		ND				25	
2-Hexanone (MBK)	ND	0.20	ND	0.82		ND				25	
Isopropanol	24	8.0	59	20		24			0.812	25	L-03
Methyl tert-Butyl Ether (MTBE)	ND	0.20	ND	0.72		ND				25	
Methylene Chloride	ND	2.0	ND	6.9		ND				25	
4-Methyl-2-pentanone (MIBK)	ND	0.20	ND	0.82		ND				25	
Naphthalene	ND	0.20	ND	1.0		ND				25	L-03
Propene	ND	8.0	ND	14		ND				25	
Styrene	ND	0.20	ND	0.85		ND				25	

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B321905 - TO-15 Prep											
Duplicate (B321905-DUP1)		**Source: 22J3301-13**			Prepared & Analyzed: 11/01/22						
1,1,2,2-Tetrachloroethane	ND	0.20	ND	1.4		ND				25	
Tetrachloroethylene	54	0.20	370	1.4		56			3.20	25	
Tetrahydrofuran	78	2.0	230	5.9		80			2.95	25	
Toluene	0.67	0.20	2.5	0.75		0.69			2.35	25	
1,2,4-Trichlorobenzene	ND	0.20	ND	1.5		ND				25	L-03
1,1,1-Trichloroethane	0.96	0.20	5.3	1.1		0.98			1.65	25	
1,1,2-Trichloroethane	ND	0.20	ND	1.1		ND				25	
Trichloroethylene	13	0.20	69	1.1		13			1.32	25	
Trichlorofluoromethane (Freon 11)	0.25	0.80	1.4	4.5		0.27			7.75	25	J
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.22	0.80	1.7	6.1		0.23			1.77	25	J
1,2,4-Trimethylbenzene	0.34	0.20	1.7	0.98		0.35			4.65	25	
1,3,5-Trimethylbenzene	ND	0.20	ND	0.98		ND				25	
Vinyl Acetate	ND	4.0	ND	14		ND				25	
Vinyl Chloride	ND	0.20	ND	0.51		ND				25	
m&p-Xylene	0.46	0.40	2.0	1.7		0.44			5.36	25	
o-Xylene	0.17	0.20	0.73	0.87		0.18			6.90	25	J
Surrogate: 4-Bromofluorobenzene (1)	*7.53*				*8.00*		*94.1*	*70-130*			

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Note: Blank Subtraction is not performed unless otherwise noted

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
RL	Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
LCS Dup	Duplicate Laboratory Control Sample
MS	Matrix Spike Sample
MS Dup	Duplicate Matrix Spike Sample
REC	Recovery
QC	Quality Control
ppbv	Parts per billion volume
EPA	United States Environmental Protection Agency
% REC	Percent Recovery
ND	Not Detected
N/A	Not Applicable
DL	Detection Limit
NC	Not Calculated
LFB/LCS	Lab Fortified Blank/Lab Control Sample
ORP	Oxidation-Reduction Potential
wet	Not dry weight corrected
% wt	Percent weight
Kg	Kilogram
g	Gram
mg	Milligram
µg	Microgram
ng	Nanogram
L	Liter
mL	Milliliter
µL	Microliter
m3	Cubic Meter
EPH	Extractable Petroleum Hydrocarbons
VPH	Volatile Petroleum Hydrocarbons
APH	Air Petroleum Hydrocarbons
FID	Flame Ionization Detector
PID	Photo Ionization Detector
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

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ANALYST

RJM	Raymond J. McCarthy
STATION	PDF Management Station
ORW	Odyessy Rodriguez-Wannamaker
LR	Lionel Rios
KKM	Kerry K. McGee
CMR	Catherine M. Rouleau
BRF	Brittany R. Fisk

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S076501-ICV1)			Lab File ID: G22A256016.D			Analyzed: 09/13/22 22:00			
Bromochloromethane (1)	1141026	8.307	1141026	8.307	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2751702	10.081	2751702	10.081	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2471195	14.446	2471195	14.446	100	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S078717-CCV1)			Lab File ID: G22A304004.D			Analyzed: 10/31/22 13:54			
Bromochloromethane (1)	1083543	8.307	1083543	8.307	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2115318	10.081	2115318	10.081	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1951002	14.446	1951002	14.446	100	60 - 140	0.0000	+/-0.50	
LCS (B321777-BS1)			Lab File ID: G22A304005.D			Analyzed: 10/31/22 14:34			
Bromochloromethane (1)	1258731	8.307	1083543	8.307	116	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2700836	10.081	2115318	10.081	128	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2463603	14.446	1951002	14.446	126	60 - 140	0.0000	+/-0.50	
Blank (B321777-BLK1)			Lab File ID: G22A304010.D			Analyzed: 10/31/22 18:04			
Bromochloromethane (1)	1063295	8.313	1083543	8.307	98	60 - 140	0.0060	+/-0.50	
1,4-Difluorobenzene (1)	2030308	10.081	2115318	10.081	96	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1894577	14.446	1951002	14.446	97	60 - 140	0.0000	+/-0.50	
SV-2_10.20.22 (22J3301-02)			Lab File ID: G22A304016.D			Analyzed: 10/31/22 22:08			
Bromochloromethane (1)	1116524	8.307	1083543	8.307	103	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2091447	10.081	2115318	10.081	99	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1931003	14.446	1951002	14.446	99	60 - 140	0.0000	+/-0.50	
SV-3_10.20.22 (22J3301-03)			Lab File ID: G22A304017.D			Analyzed: 10/31/22 22:48			
Bromochloromethane (1)	1069489	8.307	1083543	8.307	99	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2030833	10.081	2115318	10.081	96	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1878361	14.446	1951002	14.446	96	60 - 140	0.0000	+/-0.50	
SV-4_10.20.22 (22J3301-04)			Lab File ID: G22A304018.D			Analyzed: 10/31/22 23:29			
Bromochloromethane (1)	1235473	8.307	1083543	8.307	114	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2591020	10.081	2115318	10.081	122	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2431675	14.446	1951002	14.446	125	60 - 140	0.0000	+/-0.50	
SV-14_10.20.22 (22J3301-14)			Lab File ID: G22A304019.D			Analyzed: 11/01/22 00:10			
Bromochloromethane (1)	1117538	8.307	1083543	8.307	103	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2160985	10.081	2115318	10.081	102	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2026625	14.446	1951002	14.446	104	60 - 140	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SV-6_10.20.22 (22J3301-06)			Lab File ID: G22A304020.D			Analyzed: 11/01/22 00:50			
Bromochloromethane (1)	1270469	8.313	1083543	8.307	117	60 - 140	0.0060	+/-0.50	
1,4-Difluorobenzene (1)	2660326	10.081	2115318	10.081	126	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2472583	14.446	1951002	14.446	127	60 - 140	0.0000	+/-0.50	
SV-10_10.20.22 (22J3301-10)			Lab File ID: G22A304021.D			Analyzed: 11/01/22 01:31			
Bromochloromethane (1)	1132291	8.307	1083543	8.307	104	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2256361	10.081	2115318	10.081	107	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2115688	14.446	1951002	14.446	108	60 - 140	0.0000	+/-0.50	
SV-1_10.20.22 (22J3301-01)			Lab File ID: G22A304022.D			Analyzed: 11/01/22 02:12			
Bromochloromethane (1)	1030552	8.307	1083543	8.307	95	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1923308	10.081	2115318	10.081	91	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1800577	14.446	1951002	14.446	92	60 - 140	0.0000	+/-0.50	
SV-7_10.20.22 (22J3301-07)			Lab File ID: G22A304023.D			Analyzed: 11/01/22 02:53			
Bromochloromethane (1)	1233850	8.307	1083543	8.307	114	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2544520	10.081	2115318	10.081	120	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2372475	14.446	1951002	14.446	122	60 - 140	0.0000	+/-0.50	
SV-11_10.20.22 (22J3301-11)			Lab File ID: G22A304025.D			Analyzed: 11/01/22 04:13			
Bromochloromethane (1)	1200387	8.307	1083543	8.307	111	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2519371	10.081	2115318	10.081	119	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2335910	14.446	1951002	14.446	120	60 - 140	0.0000	+/-0.50	
SV-5_10.20.22 (22J3301-05)			Lab File ID: G22A304033.D			Analyzed: 11/01/22 09:31			
Bromochloromethane (1)	1007811	8.307	1083543	8.307	93	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1869518	10.081	2115318	10.081	88	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1697790	14.446	1951002	14.446	87	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S078773-CCV1)			Lab File ID: G22A305004.D			Analyzed: 11/01/22 13:17			
Bromochloromethane (1)	1036179	8.307	1036179	8.307	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1961112	10.081	1961112	10.081	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1751016	14.446	1751016	14.446	100	60 - 140	0.0000	+/-0.50	
LCS (B321905-BS1)			Lab File ID: G22A305005.D			Analyzed: 11/01/22 13:57			
Bromochloromethane (1)	1042848	8.307	1036179	8.307	101	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1994069	10.081	1961112	10.081	102	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1775916	14.446	1751016	14.446	101	60 - 140	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B321905-BLK1)			Lab File ID: G22A305010.D			Analyzed: 11/01/22 17:29			
Bromochloromethane (1)	1088781	8.313	1036179	8.307	105	60 - 140	0.0060	+/-0.50	
1,4-Difluorobenzene (1)	2104428	10.081	1961112	10.081	107	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1925550	14.446	1751016	14.446	110	60 - 140	0.0000	+/-0.50	
OA-1_10.20.22 (22J3301-15)			Lab File ID: G22A305012.D			Analyzed: 11/01/22 18:56			
Bromochloromethane (1)	1090130	8.307	1036179	8.307	105	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2112943	10.081	1961112	10.081	108	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1925469	14.446	1751016	14.446	110	60 - 140	0.0000	+/-0.50	
SV-8_10.20.22 (22J3301-08)			Lab File ID: G22A305013.D			Analyzed: 11/01/22 19:37			
Bromochloromethane (1)	1054807	8.313	1036179	8.307	102	60 - 140	0.0060	+/-0.50	
1,4-Difluorobenzene (1)	2057119	10.081	1961112	10.081	105	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1862719	14.446	1751016	14.446	106	60 - 140	0.0000	+/-0.50	
SV-12_10.20.22 (22J3301-12)			Lab File ID: G22A305014.D			Analyzed: 11/01/22 20:17			
Bromochloromethane (1)	1166396	8.307	1036179	8.307	113	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2374824	10.081	1961112	10.081	121	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2162600	14.446	1751016	14.446	124	60 - 140	0.0000	+/-0.50	
SV-13_10.20.22 (22J3301-13)			Lab File ID: G22A305015.D			Analyzed: 11/01/22 20:57			
Bromochloromethane (1)	1077529	8.307	1036179	8.307	104	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2022665	10.081	1961112	10.081	103	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1863975	14.446	1751016	14.446	106	60 - 140	0.0000	+/-0.50	
Duplicate (B321905-DUP1)			Lab File ID: G22A305016.D			Analyzed: 11/01/22 21:37			
Bromochloromethane (1)	1042422	8.307	1036179	8.307	101	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1915708	10.081	1961112	10.081	98	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1775289	14.446	1751016	14.446	101	60 - 140	0.0000	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S078717-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	4.56	1.084004	0.9895124		-8.7	30
Benzene	A	5.00	5.20	0.9129288	0.9487776		3.9	30
Benzyl chloride	A	5.00	5.49	1.030942	1.131281		9.7	30
Bromodichloromethane	A	5.00	5.13	0.6953811	0.7136765		2.6	30
Bromoform	A	5.00	4.74	0.5656468	0.5360249		-5.2	30
Bromomethane	A	5.00	3.64	0.6009459	0.4380415		-27.1	30
1,3-Butadiene	A	5.00	4.07	0.5443004	0.4435449		-18.5	30
2-Butanone (MEK)	A	5.00	4.63	1.507683	1.395803		-7.4	30
Carbon Disulfide	A	5.00	4.14	2.02748	1.678271		-17.2	30
Carbon Tetrachloride	A	5.00	4.98	0.5479998	0.5459363		-0.4	30
Chlorobenzene	A	5.00	4.55	0.8809329	0.8017493		-9.0	30
Chloroethane	A	5.00	3.87	0.3452967	0.2671311		-22.6	30
Chloroform	A	5.00	4.20	1.561184	1.310787		-16.0	30
Chloromethane	A	5.00	4.18	0.6821899	0.5696822		-16.5	30
Cyclohexane	A	5.00	5.00	0.3600845	0.3602605		0.05	30
Dibromochloromethane	A	5.00	4.86	0.6396581	0.6220853		-2.7	30
1,2-Dibromoethane (EDB)	A	5.00	4.68	0.6171207	0.5778135		-6.4	30
1,2-Dichlorobenzene	A	5.00	4.72	0.6937094	0.6549619		-5.6	30
1,3-Dichlorobenzene	A	5.00	4.85	0.7409581	0.7193801		-2.9	30
1,4-Dichlorobenzene	A	5.00	4.80	0.7218155	0.693366		-3.9	30
Dichlorodifluoromethane (Freon 12)	A	5.00	4.30	1.62808	1.399505		-14.0	30
1,1-Dichloroethane	A	5.00	4.52	1.342742	1.212746		-9.7	30
1,2-Dichloroethane	A	5.00	4.41	0.9627523	0.8486663		-11.8	30
1,1-Dichloroethylene	A	5.00	4.44	1.140142	1.012527		-11.2	30
cis-1,2-Dichloroethylene	A	5.00	4.45	0.9670963	0.8604956		-11.0	30
trans-1,2-Dichloroethylene	A	5.00	4.42	1.001825	0.8864062		-11.5	30
1,2-Dichloropropane	A	5.00	5.62	0.3567989	0.4007832		12.3	30
cis-1,3-Dichloropropene	A	5.00	5.42	0.5092852	0.5521432		8.4	30
trans-1,3-Dichloropropene	A	5.00	5.28	0.4570981	0.4822288		5.5	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 1	A	5.00	3.79	1.73998	1.318997		-24.2	30
1,4-Dioxane	A	5.00	4.68	0.1857641	0.1738594		-6.4	30
Ethanol	A	5.00	3.59	0.2343264	0.1682805		-28.2	30
Ethyl Acetate	A	5.00	4.86	0.2308163	0.2244858		-2.7	30
Ethylbenzene	A	5.00	4.97	1.455024	1.447272		-0.5	30
4-Ethyltoluene	A	5.00	5.06	1.413771	1.429368		1.1	30
Heptane	A	5.00	5.80	0.2850308	0.3305247		16.0	30
Hexachlorobutadiene	A	5.00	4.49	0.4677459	0.420246		-10.2	30
Hexane	A	5.00	4.96	0.8985394	0.8372223		-0.8	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S078717-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	5.79	0.7712864	0.8936487		15.9	30
Isopropanol	A	5.00	4.02	1.338902	1.077919		-19.5	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	4.14	1.834723	1.51736		-17.3	30
Methylene Chloride	A	5.00	4.08	0.9597215	0.7826414		-18.5	30
4-Methyl-2-pentanone (MIBK)	A	5.00	5.93	0.7726854	0.9157447		18.5	30
Naphthalene	A	5.00	4.98	1.092246	1.087256		-0.5	30
Propene	A	5.00	4.73	0.5941328	0.5619963		-5.4	30
Styrene	A	5.00	4.94	0.7890752	0.7792082		-1.3	30
1,1,2,2-Tetrachloroethane	A	5.00	5.09	0.9851261	1.003334		1.8	30
Tetrachloroethylene	A	5.00	4.23	0.457194	0.3866042		-15.4	30
Tetrahydrofuran	A	5.00	4.47	0.2957092	0.264578		-10.5	30
Toluene	A	5.00	4.84	1.15399	1.117103		-3.2	30
1,2,4-Trichlorobenzene	A	5.00	4.50	0.4973623	0.4475993		-10.0	30
1,1,1-Trichloroethane	A	5.00	4.90	0.5975698	0.5857971		-2.0	30
1,1,2-Trichloroethane	A	5.00	4.70	0.4162703	0.3912984		-6.0	30
Trichloroethylene	A	5.00	4.95	0.3947958	0.3906053		-1.1	30
Trichlorofluoromethane (Freon 11)	A	5.00	3.91	1.463327	1.145407		-21.7	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	A	5.00	3.75	1.432547	1.074657		-25.0	30
1,2,4-Trimethylbenzene	A	5.00	5.11	1.156019	1.182298		2.3	30
1,3,5-Trimethylbenzene	A	5.00	5.09	1.190388	1.212426		1.9	30
Vinyl Acetate	A	5.00	3.95	1.986739	1.569841		-21.0	30
Vinyl Chloride	A	5.00	4.12	0.7142115	0.5881461		-17.7	30
m&p-Xylene	A	10.0	10.2	1.129066	1.157256		2.5	30
o-Xylene	A	5.00	5.18	1.138955	1.179331		3.5	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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CONTINUING CALIBRATION CHECK

EPA TO-15

S078773-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	4.76	1.084004	1.032263		-4.8	30
Benzene	A	5.00	5.60	0.9129288	1.023262		12.1	30
Benzyl chloride	A	5.00	6.07	1.030942	1.25148		21.4	30
Bromodichloromethane	A	5.00	5.49	0.6953811	0.763198		9.8	30
Bromoform	A	5.00	5.19	0.5656468	0.5873893		3.8	30
Bromomethane	A	5.00	3.72	0.6009459	0.4470749		-25.6	30
1,3-Butadiene	A	5.00	4.22	0.5443004	0.4598263		-15.5	30
2-Butanone (MEK)	A	5.00	4.92	1.507683	1.482019		-1.7	30
Carbon Disulfide	A	5.00	4.36	2.02748	1.768647		-12.8	30
Carbon Tetrachloride	A	5.00	5.37	0.5479998	0.5884506		7.4	30
Chlorobenzene	A	5.00	4.97	0.8809329	0.8750997		-0.7	30
Chloroethane	A	5.00	3.95	0.3452967	0.2725537		-21.1	30
Chloroform	A	5.00	4.37	1.561184	1.363327		-12.7	30
Chloromethane	A	5.00	4.38	0.6821899	0.5980048		-12.3	30
Cyclohexane	A	5.00	5.33	0.3600845	0.3839316		6.6	30
Dibromochloromethane	A	5.00	5.32	0.6396581	0.6806599		6.4	30
1,2-Dibromoethane (EDB)	A	5.00	5.16	0.6171207	0.6366407		3.2	30
1,2-Dichlorobenzene	A	5.00	5.12	0.6937094	0.7103743		2.4	30
1,3-Dichlorobenzene	A	5.00	5.28	0.7409581	0.7822229		5.6	30
1,4-Dichlorobenzene	A	5.00	5.23	0.7218155	0.75548		4.7	30
Dichlorodifluoromethane (Freon 12)	A	5.00	4.53	1.62808	1.473957		-9.5	30
1,1-Dichloroethane	A	5.00	4.70	1.342742	1.262949		-5.9	30
1,2-Dichloroethane	A	5.00	4.62	0.9627523	0.8894926		-7.6	30
1,1-Dichloroethylene	A	5.00	4.64	1.140142	1.058965		-7.1	30
cis-1,2-Dichloroethylene	A	5.00	4.66	0.9670963	0.9018102		-6.8	30
trans-1,2-Dichloroethylene	A	5.00	4.68	1.001825	0.938068		-6.4	30
1,2-Dichloropropane	A	5.00	6.05	0.3567989	0.4317803		21.0	30
cis-1,3-Dichloropropene	A	5.00	5.77	0.5092852	0.5873672		15.3	30
trans-1,3-Dichloropropene	A	5.00	5.70	0.4570981	0.5207543		13.9	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 1	A	5.00	3.94	1.73998	1.371488		-21.2	30
1,4-Dioxane	A	5.00	4.87	0.1857641	0.1807742		-2.7	30
Ethanol	A	5.00	3.63	0.2343264	0.1702918		-27.3	30
Ethyl Acetate	A	5.00	5.07	0.2308163	0.2338839		1.3	30
Ethylbenzene	A	5.00	5.46	1.455024	1.588543		9.2	30
4-Ethyltoluene	A	5.00	5.56	1.413771	1.570755		11.1	30
Heptane	A	5.00	6.28	0.2850308	0.3578933		25.6	30
Hexachlorobutadiene	A	5.00	4.91	0.4677459	0.459183		-1.8	30
Hexane	A	5.00	5.26	0.8985394	0.887212		5.1	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S078773-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	6.47	0.7712864	0.9981442		29.4	30
Isopropanol	A	5.00	4.10	1.338902	1.099174		-17.9	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	4.30	1.834723	1.576478		-14.1	30
Methylene Chloride	A	5.00	4.36	0.9597215	0.8359374		-12.9	30
4-Methyl-2-pentanone (MIBK)	A	5.00	6.44	0.7726854	0.9950338		28.8	30
Naphthalene	A	5.00	5.42	1.092246	1.18492		8.5	30
Propene	A	5.00	5.14	0.5941328	0.6104937		2.8	30
Styrene	A	5.00	5.41	0.7890752	0.854182		8.3	30
1,1,2,2-Tetrachloroethane	A	5.00	5.72	0.9851261	1.12707		14.4	30
Tetrachloroethylene	A	5.00	4.60	0.457194	0.4211013		-7.9	30
Tetrahydrofuran	A	5.00	4.61	0.2957092	0.2727127		-7.8	30
Toluene	A	5.00	5.35	1.15399	1.235717		7.1	30
1,2,4-Trichlorobenzene	A	5.00	4.87	0.4973623	0.484664		-2.6	30
1,1,1-Trichloroethane	A	5.00	5.25	0.5975698	0.6279148		5.1	30
1,1,2-Trichloroethane	A	5.00	5.22	0.4162703	0.4344815		4.4	30
Trichloroethylene	A	5.00	5.33	0.3947958	0.4207792		6.6	30
Trichlorofluoromethane (Freon 11)	A	5.00	4.05	1.463327	1.185113		-19.0	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	A	5.00	3.92	1.432547	1.12423		-21.5	30
1,2,4-Trimethylbenzene	A	5.00	5.66	1.156019	1.308995		13.2	30
1,3,5-Trimethylbenzene	A	5.00	5.62	1.190388	1.337362		12.3	30
Vinyl Acetate	A	5.00	4.16	1.986739	1.650793		-16.9	30
Vinyl Chloride	A	5.00	4.25	0.7142115	0.6071584		-15.0	30
m&p-Xylene	A	10.0	11.3	1.129066	1.278601		13.2	30
o-Xylene	A	5.00	5.70	1.138955	1.299387		14.1	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA,NY,ME,NH
Benzene	AIHA,FL,NJ,NY,ME,NH,VA
Benzyl chloride	AIHA,FL,NJ,NY,ME,NH,VA
Bromodichloromethane	AIHA,NJ,NY,ME,NH,VA
Bromoform	AIHA,NJ,NY,ME,NH,VA
Bromomethane	AIHA,FL,NJ,NY,ME,NH
1,3-Butadiene	AIHA,NJ,NY,ME,NH,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,ME,NH,VA
Carbon Disulfide	AIHA,NJ,NY,ME,NH,VA
Carbon Tetrachloride	AIHA,FL,NJ,NY,ME,NH,VA
Chlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Chloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Chloroform	AIHA,FL,NJ,NY,ME,NH,VA
Chloromethane	AIHA,FL,NJ,NY,ME,NH,VA
Cyclohexane	AIHA,NJ,NY,ME,NH,VA
Dibromochloromethane	AIHA,NY,ME,NH
1,2-Dibromoethane (EDB)	AIHA,NJ,NY,ME,NH
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
1,3-Dichlorobenzene	AIHA,NJ,NY,ME,NH
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY,ME,NH
1,1-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,ME,NH,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,ME,NH,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,ME,NH,VA
trans-1,3-Dichloropropene	AIHA,NY,ME,NH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	AIHA,NJ,NY,ME,NH,VA
1,4-Dioxane	AIHA,NJ,NY,ME,NH,VA
Ethanol	AIHA
Ethyl Acetate	AIHA
Ethylbenzene	AIHA,FL,NJ,NY,ME,NH,VA
4-Ethyltoluene	AIHA,NJ
Heptane	AIHA,NJ,NY,ME,NH,VA
Hexachlorobutadiene	AIHA,NJ,NY,ME,NH,VA
Hexane	AIHA,FL,NJ,NY,ME,NH,VA
2-Hexanone (MBK)	AIHA
Isopropanol	AIHA,NY,ME,NH
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,ME,NH,VA
Methylene Chloride	AIHA,FL,NJ,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY,ME,NH
Naphthalene	NY,ME,NH
Propene	AIHA
Styrene	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,ME,NH,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Tetrachloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Tetrahydrofuran	AIHA
Toluene	AIHA,FL,NJ,NY,ME,NH,VA
1,2,4-Trichlorobenzene	AIHA,NJ,NY,ME,NH,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Trichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY,ME,NH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	AIHA,NJ,NY,ME,NH,VA
1,2,4-Trimethylbenzene	AIHA,NJ,NY,ME,NH
1,3,5-Trimethylbenzene	AIHA,NJ,NY,ME,NH
Vinyl Acetate	AIHA,FL,NJ,NY,ME,NH,VA
Vinyl Chloride	AIHA,FL,NJ,NY,ME,NH,VA
m&p-Xylene	AIHA,FL,NJ,NY,ME,NH,VA
o-Xylene	AIHA,FL,NJ,NY,ME,NH,VA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO 17025:2017	100033	03/1/2024
NY	New York State Department of Health	10899 NELAP	04/1/2023
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2023
NJ	New Jersey DEP	MA007 NELAP	06/30/2023
FL	Florida Department of Health	E871027 NELAP	06/30/2023
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

22J3301

CHAIN OF CUSTODY RECORD (AIR)

Company Name: HRP Associates
Address: 1 Fairchild Square, Clifton Park, NY
Phone: 518-877-7101
Project Name: 473 President Street - offsite
Project Location: 473 President Street, Brooklyn, NY
Project Number: DEC 1035. P2
Project Manager: David Stoll
Con-Test Quote Name/Number:
Invoice Recipient: David.Stoll@HRPAssociates.com
Sampled By: RL

Requested Turnaround Time
7-Day [X] 10-Day [ ]
Due Date:

Rush Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other: EQuIS
CLP Like Data Pkg Required: [ ]
Email To:
Fax To #:

ANALYSIS REQUESTED

Lab Use	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume	TO-15				" Hg			Please fill out completely, sign, date and retain the yellow copy for your records	
Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	m³/min L/min	Code	Liters m³					Initial Pressure	Final Pressure	Lab Receipt Pressure	Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply	For summa canister and flow controller information please refer to Con-Test's Air Media Agreement
															Summa Can ID	Flow Controller ID
1	SV-1_10.20.22	10/20/22 0814	0944	90		SG	6	X				-30	-11	1/0	1137	4436
2	SV-2_10.20.22	0803	0934	91				X				-30	-11	0.8	1998	4428
3	SV-3_10.20.22	0755	0922	87				X				-30	-10.5	0.9	2027	4434
4	SV-4_10.20.22	0745	0911	86				X				-30	-11	1/0.4	2022	4427
5	SV-5_10.20.22	0930	1148	78				X				-29	-11	1/2	2207	4419
6	SV-6_10.20.22	0838	1017	99				X				-30	-9	0.8	1695	4445
7	SV-7_10.20.22	0847	1025	98				X				-29	-11	1/0	1966	4437
8	SV-8_10.20.22	0728	0902	94				X				-30	-10	0.9	1986	4450
9	SV-9_10.20.22	10/20/22 1210	1320	70		SG	6	X				-30	-30	0.5	2138	4358

Comments: Please Provide a CAT B Report
DO NOT RUN ANALYSIS ON SV-9_10.20.22

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:
SG = SOIL GAS
IA = INDOOR AIR
AMB = AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = Other_____

Relinquished by: (signature)	Date/Time: 10/21/22 1026	
Received by: (signature)	Date/Time: 10/21/22 1026	
Relinquished by: (signature)	Date/Time: 10/21/22	
Received by: (signature)	Date/Time: 10/21/22 1445	
Relinquished by: (signature)	Date/Time: 10/21/22 1607	
Received by: (signature)	Date/Time: 10/21/22	

Detection Limit Requirements
MA
GW

Special Requirements
[ ] MA MCP Required
MCP Certification Form Required
[ ] CT RCP Required
RCP Certification Form Required
[ ] Other

Other:

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Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] 21 J [ ] School
[ ] City [ ] Brownfield [ ] MBTA

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

con-test ANALYTICAL LABORATORY
225 3301
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Fax: 413-525-6405
Email: info@contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

CHAIN OF CUSTODY RECORD (AIR)

Company Name: HRP Associates
Address: 1 Fairchild Square, Clifton Park, NY
Phone: 518-877-7101
Project Name: 473 President Street - Offsite
Project Location: 473 President St, Brooklyn, NY
Project Number: DEC1035.P2
Project Manager: David Stoll
Con-Test Quote Name/Number:
Invoice Recipient: David.Stoll@HRPAssociates.com
Sampled By: RL

Requested Turnaround Time
7-Day [x] 10-Day [ ]
Due Date:

Rush Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [x] EXCEL [x]
Other: EQuIS
CLP Like Data Pkg Required: [ ]
Email To:
Fax To #:

ANALYSIS REQUESTED

Lab Use	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume							" Hg			Please fill out completely, sign, date and retain the yellow copy for your records	Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply	For summa canister and flow controller information please refer to Con-Test's Air Media Agreement	
Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	[ ] m³/min [ ] L/min	Code	[x] Liters [ ] m³	10-15						Initial Pressure	Final Pressure	Lab Receipt Pressure		Summa Can ID	Flow Controller ID
10	SV-10_10.20.22	10/20/22 1047	1214	87		SG	6	x						-30	-11	1/06		2223	4402
11	SV-11_10.20.22	1057	1226	89				x						-30	-11	1/02		1170	4414
8 (12)	SV-11_10.20.22			103															
12	SV-12_10.20.22	1107	1250	103				x						-30	-11	1/-		1675	4364
13	SV-13_10.20.22	1125	1306	101				x						-30	-9	1/02		2029	4363
14	SV-14_10.20.22	1136	1316	100		SG		x						-29	-11	1/13		1066	4300
15	OA-1_10.20.22	10/21/22 0900	1030	90		AMB	6	x						~~-30~~	-10	1/06		~~1066~~ 1928	~~4360~~ 4424

(2)

Comments: Please Provide a CAT B Report
DO NOT RUN ANALYSIS ON CANS 1927 and 2161

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:
SG = SOIL GAS
IA = INDOOR AIR
AMB = AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = Other_____

Relinquished by: (signature)	Date/Time: 10/21/22 1026	
Received by: (signature) POOR	Date/Time: 10/21/22 10:26	
Relinquished by: (signature) POOR	Date/Time: 10/21/22	
Received by: (signature)	Date/Time: 10/21/22 1445	
Relinquished by: (signature)	Date/Time: 10/21/22 1607	
Received by: (signature)	Date/Time: 10/21 1607	

Detection Limit Requirements
MA:
CT:
Other:

Special Requirements
[ ] MA MCP Required
MCP Certification Form Required
[ ] CT RCP Required
RCP Certification Form Required
[ ] Other

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Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] 21 J [ ] School
[ ] City [ ] Brownfield [ ] MBTA

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
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Pace PEOPLE ADVANCING SCIENCE

Doc# 278 Rev 7 July 2022

Air Media Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HEP

Received By	CL		Date	10/21		Time	1607
How Were the samples received?	In Cooler		On Ice			No Ice	
	In Box	T	Ambient			Melted Ice	
Were samples within Tempurature Compliance?	Within 2-6°C		By Gun #			Actual Temp -	
			By Blank #			Actual Temp -	
Was Custody Seal In tact?	NA		Were Samples Tampered with?				NA
Was COC Relinquished ?	T		Does Chain Agree With Samples?				T
Are there any loose caps/valves on any samples?	F						
Is COC in ink/ Legible?	T		Were samples received within holding time?				T
Did COC Include all Pertinent Information?	Client?	T	Analysis?	T		Sampler Name?	T
	Project?	T	ID's?	T		Collection Dates/Times?	T
Are Sample Labels filled out and legible?							
Are there Rushes?	F		Who was notified?				
Samples are received within holding time?	T						
Proper Media Used?	T		Individually Certified Cans?				F
Are there Trip Blanks?	F		Is there enough Volume?				T

Containers:	#	Size	Regulator	Duration	Accessories:			
Summa Cans	17	6L	16	2hr	Nut/Ferrule	16	IC Train	
Tedlar Bags					Tubing			
TO-17 Tubes					T-Connector	1	Shipping Charges	
Radiello					Syringe			
Pufs/TO-11s					Tedlar			

Can #'s	1966	1928			Reg #'s	4437	4424		
1137	1986				4436	4450			
1998	2223				4428	~~4434~~ 4402			
2022	1170				4434	4414			
2022	1675				4427	4364			
2207	2029				4419	4313			
1695	1066				4415	4300			
Unused Media					**Pufs/TO-17's**				
1927-4452	-17.1								
2166-4452	-18.9								
2138-4358	-29.9								

Comments:

Air Sampling Media Certificate of Analysis

Date Analyzed: 9/29/2022 **Batch #:** 22CC809

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs: BC1928

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.2	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: CMR 11/1/22

Air Sampling Media Certificate of Analysis

Date Analyzed: 9/29/2022 **Batch #:** 22CC811

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs:	BC1137	BC1966	BC2223
	BC1170	BC2029	

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
0.166	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.2	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: CMR 11/1/22

Air Sampling Media Certificate of Analysis

Date Analyzed: 10/4/2022 **Batch #:** 22CC818

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs: BC1986

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.2	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: CMR 11/1/22

Air Sampling Media Certificate of Analysis

Date Analyzed: 10/5/2022 **Batch #:** 22CC826

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs:	BC1998	BC2022	BC1695

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.2	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: CMR 11/1/22

Air Sampling Media Certificate of Analysis

Date Analyzed: 10/5/2022 **Batch #:** 22CC827

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs:	BC2027	BC1675	BC1066

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.2	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: CMR 11/1/22

Air Sampling Media Certificate of Analysis

Date Analyzed: 10/5/2022 **Batch #:** 22CC829

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs: BC2207

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.2	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: CMR 11/1/22

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

November 9, 2022

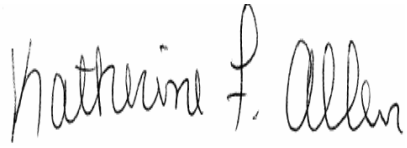
Marnie Chancey
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: 473 President St, Brooklyn, NY
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 22J4339

Enclosed are results of analyses for samples as received by the laboratory on October 28, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager



QA Officer
Katherine Allen

Laboratory Manager
Daren Damboragian

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

NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Marnie Chancey

REPORT DATE: 11/9/2022

PURCHASE ORDER NUMBER: MULTI QN

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22J4339

The results of analyses performed on the following samples submitted to Con-Test, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 473 President St, Brooklyn, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SV-9-10.27.22	22J4339-01	Soil Gas		EPA TO-15	
DUP-1-10.27.22	22J4339-02	Soil Gas		EPA TO-15	
OA-1-10.27.22	22J4339-03	Ambient Air		EPA TO-15	
UNUSED- 2173/4359	22J4339-04	Air		-	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA TO-15

Qualifications:

L-03 Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Ethanol, Isopropanol

22J4339-01[SV-9-10.27.22], 22J4339-02[DUP-1-10.27.22], 22J4339-03[OA-1-10.27.22], B322593-BLK1, B322593-BS1

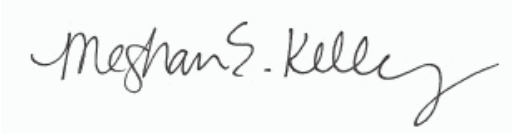
V-05 Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Ethanol

22J4339-01[SV-9-10.27.22], 22J4339-02[DUP-1-10.27.22], 22J4339-03[OA-1-10.27.22], B322593-BLK1, B322593-BS1, S079080-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

con-test®
A Pace Analytical® Laboratory

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

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: SV-9-10.27.22
Sample ID: 22J4339-01
Sample Matrix: Soil Gas
Sampled: 10/27/2022 12:15

Sample Description/Location:
Sub Description/Location:
Canister ID: 1162
Canister Size: 6 liter
Flow Controller ID: 4316
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -11.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	5.1	8.0	4.8	J	12	19	11	4	11/4/22 20:26	CMR
Benzene	ND	0.20	0.15		ND	0.64	0.48	4	11/4/22 20:26	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/4/22 20:26	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/4/22 20:26	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/4/22 20:26	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/4/22 20:26	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/4/22 20:26	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/4/22 20:26	CMR
Carbon Disulfide	0.33	2.0	0.18	J	1.0	6.2	0.58	4	11/4/22 20:26	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/4/22 20:26	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/4/22 20:26	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/4/22 20:26	CMR
Chloroform	1.9	0.20	0.19		9.1	0.98	0.93	4	11/4/22 20:26	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/4/22 20:26	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/4/22 20:26	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/4/22 20:26	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/4/22 20:26	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/4/22 20:26	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/4/22 20:26	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/4/22 20:26	CMR
Dichlorodifluoromethane (Freon 12)	0.44	0.20	0.20		2.2	0.99	0.97	4	11/4/22 20:26	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/4/22 20:26	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/4/22 20:26	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/4/22 20:26	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/4/22 20:26	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/4/22 20:26	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/4/22 20:26	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/4/22 20:26	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/4/22 20:26	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20		ND	1.4	1.4	4	11/4/22 20:26	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/4/22 20:26	CMR
Ethanol	6.1	8.0	3.5	V-05, L-03, J	12	15	6.6	4	11/4/22 20:26	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/4/22 20:26	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/4/22 20:26	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/4/22 20:26	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	11/4/22 20:26	CMR
Hexachlorobutadiene	ND	0.20	0.16		ND	2.1	1.8	4	11/4/22 20:26	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/4/22 20:26	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/4/22 20:26	CMR
Isopropanol	39	8.0	1.4	L-03	96	20	3.4	4	11/4/22 20:26	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/4/22 20:26	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/4/22 20:26	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/4/22 20:26	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/4/22 20:26	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/4/22 20:26	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/4/22 20:26	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/4/22 20:26	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: SV-9-10.27.22
Sample ID: 22J4339-01
Sample Matrix: Soil Gas
Sampled: 10/27/2022 12:15

Sample Description/Location:
Sub Description/Location:
Canister ID: 1162
Canister Size: 6 liter
Flow Controller ID: 4316
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -11.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	0.22	0.20	0.15		1.5	1.4	1.0	4	11/4/22 20:26	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/4/22 20:26	CMR
Toluene	0.16	0.20	0.11	J	0.60	0.75	0.43	4	11/4/22 20:26	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19		ND	1.5	1.4	4	11/4/22 20:26	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/4/22 20:26	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/4/22 20:26	CMR
Trichloroethylene	0.34	0.20	0.13		1.8	1.1	0.72	4	11/4/22 20:26	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/4/22 20:26	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/4/22 20:26	CMR
1,2,4-Trimethylbenzene	ND	0.20	0.088		ND	0.98	0.43	4	11/4/22 20:26	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/4/22 20:26	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/4/22 20:26	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/4/22 20:26	CMR
m&p-Xylene	ND	0.40	0.22		ND	1.7	0.97	4	11/4/22 20:26	CMR
o-Xylene	ND	0.20	0.10		ND	0.87	0.44	4	11/4/22 20:26	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	100	70-130	11/4/22 20:26

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: DUP-1-10.27.22
Sample ID: 22J4339-02
Sample Matrix: Soil Gas
Sampled: 10/27/2022 12:15

Sample Description/Location:
Sub Description/Location:
Canister ID: 1886
Canister Size: 6 liter
Flow Controller ID: 4316
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -11.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	5.8	8.0	4.8	J	14	19	11	4	11/4/22 21:07	CMR
Benzene	ND	0.20	0.15		ND	0.64	0.48	4	11/4/22 21:07	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/4/22 21:07	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/4/22 21:07	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/4/22 21:07	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/4/22 21:07	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/4/22 21:07	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/4/22 21:07	CMR
Carbon Disulfide	0.36	2.0	0.18	J	1.1	6.2	0.58	4	11/4/22 21:07	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/4/22 21:07	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/4/22 21:07	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/4/22 21:07	CMR
Chloroform	2.1	0.20	0.19		10	0.98	0.93	4	11/4/22 21:07	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/4/22 21:07	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/4/22 21:07	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/4/22 21:07	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/4/22 21:07	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/4/22 21:07	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/4/22 21:07	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/4/22 21:07	CMR
Dichlorodifluoromethane (Freon 12)	0.41	0.20	0.20		2.0	0.99	0.97	4	11/4/22 21:07	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/4/22 21:07	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/4/22 21:07	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/4/22 21:07	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/4/22 21:07	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/4/22 21:07	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/4/22 21:07	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/4/22 21:07	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/4/22 21:07	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20		ND	1.4	1.4	4	11/4/22 21:07	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/4/22 21:07	CMR
Ethanol	6.5	8.0	3.5	L-03, V-05, J	12	15	6.6	4	11/4/22 21:07	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/4/22 21:07	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/4/22 21:07	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/4/22 21:07	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	11/4/22 21:07	CMR
Hexachlorobutadiene	ND	0.20	0.16		ND	2.1	1.8	4	11/4/22 21:07	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/4/22 21:07	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/4/22 21:07	CMR
Isopropanol	43	8.0	1.4	L-03	110	20	3.4	4	11/4/22 21:07	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/4/22 21:07	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/4/22 21:07	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/4/22 21:07	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/4/22 21:07	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/4/22 21:07	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/4/22 21:07	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/4/22 21:07	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: DUP-1-10.27.22
Sample ID: 22J4339-02
Sample Matrix: Soil Gas
Sampled: 10/27/2022 12:15

Sample Description/Location:
Sub Description/Location:
Canister ID: 1886
Canister Size: 6 liter
Flow Controller ID: 4316
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -11.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	0.24	0.20	0.15		1.7	1.4	1.0	4	11/4/22 21:07	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/4/22 21:07	CMR
Toluene	0.16	0.20	0.11	J	0.62	0.75	0.43	4	11/4/22 21:07	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19		ND	1.5	1.4	4	11/4/22 21:07	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/4/22 21:07	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/4/22 21:07	CMR
Trichloroethylene	0.40	0.20	0.13		2.1	1.1	0.72	4	11/4/22 21:07	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/4/22 21:07	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/4/22 21:07	CMR
1,2,4-Trimethylbenzene	ND	0.20	0.088		ND	0.98	0.43	4	11/4/22 21:07	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/4/22 21:07	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/4/22 21:07	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/4/22 21:07	CMR
m&p-Xylene	ND	0.40	0.22		ND	1.7	0.97	4	11/4/22 21:07	CMR
o-Xylene	ND	0.20	0.10		ND	0.87	0.44	4	11/4/22 21:07	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.8	70-130	11/4/22 21:07

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: OA-1-10.27.22
Sample ID: 22J4339-03
Sample Matrix: Ambient Air
Sampled: 10/27/2022 12:40

Sample Description/Location:
Sub Description/Location:
Canister ID: 1936
Canister Size: 6 liter
Flow Controller ID: 4439
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	3.8	1.4	0.84		9.1	3.3	2.0	0.696	11/4/22 19:45	CMR
Benzene	0.097	0.035	0.026		0.31	0.11	0.084	0.696	11/4/22 19:45	CMR
Benzyl chloride	ND	0.035	0.031		ND	0.18	0.16	0.696	11/4/22 19:45	CMR
Bromodichloromethane	ND	0.035	0.024		ND	0.23	0.16	0.696	11/4/22 19:45	CMR
Bromoform	ND	0.035	0.024		ND	0.36	0.24	0.696	11/4/22 19:45	CMR
Bromomethane	ND	0.035	0.023		ND	0.14	0.090	0.696	11/4/22 19:45	CMR
1,3-Butadiene	ND	0.035	0.029		ND	0.077	0.065	0.696	11/4/22 19:45	CMR
2-Butanone (MEK)	0.46	1.4	0.37	J	1.4	4.1	1.1	0.696	11/4/22 19:45	CMR
Carbon Disulfide	ND	0.35	0.032		ND	1.1	0.10	0.696	11/4/22 19:45	CMR
Carbon Tetrachloride	0.070	0.035	0.028		0.44	0.22	0.17	0.696	11/4/22 19:45	CMR
Chlorobenzene	ND	0.035	0.023		ND	0.16	0.11	0.696	11/4/22 19:45	CMR
Chloroethane	ND	0.035	0.031		ND	0.092	0.081	0.696	11/4/22 19:45	CMR
Chloroform	ND	0.035	0.033		ND	0.17	0.16	0.696	11/4/22 19:45	CMR
Chloromethane	0.42	0.070	0.028		0.87	0.14	0.057	0.696	11/4/22 19:45	CMR
Cyclohexane	ND	0.035	0.021		ND	0.12	0.072	0.696	11/4/22 19:45	CMR
Dibromochloromethane	ND	0.035	0.023		ND	0.30	0.20	0.696	11/4/22 19:45	CMR
1,2-Dibromoethane (EDB)	ND	0.035	0.021		ND	0.27	0.16	0.696	11/4/22 19:45	CMR
1,2-Dichlorobenzene	ND	0.035	0.020		ND	0.21	0.12	0.696	11/4/22 19:45	CMR
1,3-Dichlorobenzene	ND	0.035	0.019		ND	0.21	0.12	0.696	11/4/22 19:45	CMR
1,4-Dichlorobenzene	ND	0.035	0.023		ND	0.21	0.14	0.696	11/4/22 19:45	CMR
Dichlorodifluoromethane (Freon 12)	0.21	0.035	0.034		1.0	0.17	0.17	0.696	11/4/22 19:45	CMR
1,1-Dichloroethane	ND	0.035	0.030		ND	0.14	0.12	0.696	11/4/22 19:45	CMR
1,2-Dichloroethane	ND	0.035	0.032		ND	0.14	0.13	0.696	11/4/22 19:45	CMR
1,1-Dichloroethylene	ND	0.035	0.027		ND	0.14	0.11	0.696	11/4/22 19:45	CMR
cis-1,2-Dichloroethylene	ND	0.035	0.025		ND	0.14	0.10	0.696	11/4/22 19:45	CMR
trans-1,2-Dichloroethylene	ND	0.035	0.027		ND	0.14	0.11	0.696	11/4/22 19:45	CMR
1,2-Dichloropropane	ND	0.035	0.019		ND	0.16	0.087	0.696	11/4/22 19:45	CMR
cis-1,3-Dichloropropene	ND	0.035	0.018		ND	0.16	0.082	0.696	11/4/22 19:45	CMR
trans-1,3-Dichloropropene	ND	0.035	0.018		ND	0.16	0.081	0.696	11/4/22 19:45	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035	0.034		ND	0.24	0.24	0.696	11/4/22 19:45	CMR
1,4-Dioxane	ND	0.35	0.029		ND	1.3	0.10	0.696	11/4/22 19:45	CMR
Ethanol	6.7	1.4	0.61	L-03, V-05	13	2.6	1.2	0.696	11/4/22 19:45	CMR
Ethyl Acetate	ND	0.35	0.18		ND	1.3	0.63	0.696	11/4/22 19:45	CMR
Ethylbenzene	0.029	0.035	0.020	J	0.12	0.15	0.088	0.696	11/4/22 19:45	CMR
4-Ethyltoluene	ND	0.035	0.021		ND	0.17	0.11	0.696	11/4/22 19:45	CMR
Heptane	0.047	0.035	0.022		0.19	0.14	0.091	0.696	11/4/22 19:45	CMR
Hexachlorobutadiene	ND	0.035	0.029		ND	0.37	0.31	0.696	11/4/22 19:45	CMR
Hexane	ND	1.4	0.18		ND	4.9	0.64	0.696	11/4/22 19:45	CMR
2-Hexanone (MBK)	0.11	0.035	0.017		0.44	0.14	0.071	0.696	11/4/22 19:45	CMR
Isopropanol	3.8	1.4	0.24	L-03	9.2	3.4	0.59	0.696	11/4/22 19:45	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.035	0.027		ND	0.13	0.097	0.696	11/4/22 19:45	CMR
Methylene Chloride	ND	0.35	0.16		ND	1.2	0.56	0.696	11/4/22 19:45	CMR
4-Methyl-2-pentanone (MIBK)	0.064	0.035	0.019		0.26	0.14	0.076	0.696	11/4/22 19:45	CMR
Naphthalene	0.035	0.035	0.026		0.19	0.18	0.14	0.696	11/4/22 19:45	CMR
Propene	0.39	1.4	0.31	J	0.67	2.4	0.53	0.696	11/4/22 19:45	CMR
Styrene	ND	0.035	0.018		ND	0.15	0.078	0.696	11/4/22 19:45	CMR
1,1,2,2-Tetrachloroethane	ND	0.035	0.019		ND	0.24	0.13	0.696	11/4/22 19:45	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: OA-1-10.27.22
Sample ID: 22J4339-03
Sample Matrix: Ambient Air
Sampled: 10/27/2022 12:40

Sample Description/Location:
Sub Description/Location:
Canister ID: 1936
Canister Size: 6 liter
Flow Controller ID: 4439
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	ND	0.035	0.027		ND	0.24	0.18	0.696	11/4/22 19:45	CMR
Tetrahydrofuran	ND	0.35	0.057		ND	1.0	0.17	0.696	11/4/22 19:45	CMR
Toluene	0.19	0.035	0.020		0.71	0.13	0.075	0.696	11/4/22 19:45	CMR
1,2,4-Trichlorobenzene	ND	0.035	0.032		ND	0.26	0.24	0.696	11/4/22 19:45	CMR
1,1,1-Trichloroethane	ND	0.035	0.027		ND	0.19	0.15	0.696	11/4/22 19:45	CMR
1,1,2-Trichloroethane	ND	0.035	0.024		ND	0.19	0.13	0.696	11/4/22 19:45	CMR
Trichloroethylene	ND	0.035	0.023		ND	0.19	0.13	0.696	11/4/22 19:45	CMR
Trichlorofluoromethane (Freon 11)	0.18	0.14	0.041		1.00	0.78	0.23	0.696	11/4/22 19:45	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.052	0.14	0.039	J	0.40	1.1	0.30	0.696	11/4/22 19:45	CMR
1,2,4-Trimethylbenzene	0.033	0.035	0.015	J	0.16	0.17	0.076	0.696	11/4/22 19:45	CMR
1,3,5-Trimethylbenzene	ND	0.035	0.018		ND	0.17	0.090	0.696	11/4/22 19:45	CMR
Vinyl Acetate	ND	0.70	0.19		ND	2.5	0.66	0.696	11/4/22 19:45	CMR
Vinyl Chloride	ND	0.035	0.031		ND	0.089	0.080	0.696	11/4/22 19:45	CMR
m&p-Xylene	0.085	0.070	0.039		0.37	0.30	0.17	0.696	11/4/22 19:45	CMR
o-Xylene	0.034	0.035	0.018	J	0.15	0.15	0.077	0.696	11/4/22 19:45	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	101	70-130	11/4/22 19:45

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Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
22J4339-01 [SV-9-10.27.22]	B322593	2	1	N/A	1000	400	200	11/04/22
22J4339-02 [DUP-1-10.27.22]	B322593	2	1	N/A	1000	400	200	11/04/22
22J4339-03 [OA-1-10.27.22]	B322593	1.74	1	N/A	1000	400	1000	11/04/22

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B322593 - TO-15 Prep											
Blank (B322593-BLK1)					Prepared & Analyzed: 11/04/22						
Acetone	ND	1.4									
Benzene	ND	0.035									
Benzyl chloride	ND	0.035									
Bromodichloromethane	ND	0.035									
Bromoform	ND	0.035									
Bromomethane	ND	0.035									
1,3-Butadiene	ND	0.035									
2-Butanone (MEK)	ND	1.4									
Carbon Disulfide	ND	0.35									
Carbon Tetrachloride	ND	0.035									
Chlorobenzene	ND	0.035									
Chloroethane	ND	0.035									
Chloroform	ND	0.035									
Chloromethane	ND	0.070									
Cyclohexane	ND	0.035									
Dibromochloromethane	ND	0.035									
1,2-Dibromoethane (EDB)	ND	0.035									
1,2-Dichlorobenzene	ND	0.035									
1,3-Dichlorobenzene	ND	0.035									
1,4-Dichlorobenzene	ND	0.035									
Dichlorodifluoromethane (Freon 12)	ND	0.035									
1,1-Dichloroethane	ND	0.035									
1,2-Dichloroethane	ND	0.035									
1,1-Dichloroethylene	ND	0.035									
cis-1,2-Dichloroethylene	ND	0.035									
trans-1,2-Dichloroethylene	ND	0.035									
1,2-Dichloropropane	ND	0.035									
cis-1,3-Dichloropropene	ND	0.035									
trans-1,3-Dichloropropene	ND	0.035									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035									
1,4-Dioxane	ND	0.35									
Ethanol	ND	1.4									L-03, V-05
Ethyl Acetate	ND	0.35									
Ethylbenzene	ND	0.035									
4-Ethyltoluene	ND	0.035									
Heptane	ND	0.035									
Hexachlorobutadiene	ND	0.035									
Hexane	ND	1.4									
2-Hexanone (MBK)	ND	0.035									
Isopropanol	ND	1.4									L-03
Methyl tert-Butyl Ether (MTBE)	ND	0.035									
Methylene Chloride	ND	0.35									
4-Methyl-2-pentanone (MIBK)	ND	0.035									
Naphthalene	ND	0.035									
Propene	ND	1.4									
Styrene	ND	0.035									

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B322593 - TO-15 Prep											
Blank (B322593-BLK1)					Prepared & Analyzed: 11/04/22						
1,1,2,2-Tetrachloroethane	ND	0.035									
Tetrachloroethylene	ND	0.035									
Tetrahydrofuran	ND	0.35									
Toluene	ND	0.035									
1,2,4-Trichlorobenzene	ND	0.035									
1,1,1-Trichloroethane	ND	0.035									
1,1,2-Trichloroethane	ND	0.035									
Trichloroethylene	ND	0.035									
Trichlorofluoromethane (Freon 11)	ND	0.14									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14									
1,2,4-Trimethylbenzene	ND	0.035									
1,3,5-Trimethylbenzene	ND	0.035									
Vinyl Acetate	ND	0.70									
Vinyl Chloride	ND	0.035									
m&p-Xylene	ND	0.070									
o-Xylene	ND	0.035									
Surrogate: 4-Bromofluorobenzene (1)	*8.10*				*8.00*		*101*	*70-130*			
LCS (B322593-BS1)					Prepared & Analyzed: 11/04/22						
Acetone	4.06				5.00		81.3	70-130			
Benzene	5.33				5.00		107	70-130			
Benzyl chloride	5.80				5.00		116	70-130			
Bromodichloromethane	5.20				5.00		104	70-130			
Bromoform	5.14				5.00		103	70-130			
Bromomethane	3.72				5.00		74.4	70-130			
1,3-Butadiene	3.74				5.00		74.9	70-130			
2-Butanone (MEK)	4.76				5.00		95.1	70-130			
Carbon Disulfide	4.83				5.00		96.7	70-130			
Carbon Tetrachloride	5.31				5.00		106	70-130			
Chlorobenzene	4.78				5.00		95.6	70-130			
Chloroethane	3.81				5.00		76.3	70-130			
Chloroform	4.65				5.00		93.0	70-130			
Chloromethane	3.85				5.00		76.9	70-130			
Cyclohexane	5.21				5.00		104	70-130			
Dibromochloromethane	5.21				5.00		104	70-130			
1,2-Dibromoethane (EDB)	4.87				5.00		97.4	70-130			
1,2-Dichlorobenzene	4.94				5.00		98.8	70-130			
1,3-Dichlorobenzene	5.09				5.00		102	70-130			
1,4-Dichlorobenzene	5.12				5.00		102	70-130			
Dichlorodifluoromethane (Freon 12)	4.57				5.00		91.3	70-130			
1,1-Dichloroethane	4.98				5.00		99.7	70-130			
1,2-Dichloroethane	4.83				5.00		96.6	70-130			
1,1-Dichloroethylene	4.87				5.00		97.4	70-130			
cis-1,2-Dichloroethylene	4.76				5.00		95.3	70-130			
trans-1,2-Dichloroethylene	4.84				5.00		96.7	70-130			
1,2-Dichloropropane	5.58				5.00		112	70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B322593 - TO-15 Prep												
LCS (B322593-BS1)					Prepared & Analyzed: 11/04/22							
cis-1,3-Dichloropropene	5.25				5.00		105		70-130			
trans-1,3-Dichloropropene	5.33				5.00		107		70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	3.59				5.00		71.8		70-130			
1,4-Dioxane	4.86				5.00		97.1		70-130			
Ethanol	2.76				5.00		**55.3**	*	70-130			L-03, V-05
Ethyl Acetate	4.88				5.00		97.6		70-130			
Ethylbenzene	5.09				5.00		102		70-130			
4-Ethyltoluene	5.25				5.00		105		70-130			
Heptane	5.65				5.00		113		70-130			
Hexachlorobutadiene	4.36				5.00		87.2		70-130			
Hexane	5.24				5.00		105		70-130			
2-Hexanone (MBK)	5.43				5.00		109		70-130			
Isopropanol	3.16				5.00		**63.1**	*	70-130			L-03
Methyl tert-Butyl Ether (MTBE)	4.53				5.00		90.7		70-130			
Methylene Chloride	4.32				5.00		86.4		70-130			
4-Methyl-2-pentanone (MIBK)	5.40				5.00		108		70-130			
Naphthalene	5.80				5.00		116		70-130			
Propene	4.61				5.00		92.2		70-130			
Styrene	5.15				5.00		103		70-130			
1,1,2,2-Tetrachloroethane	5.02				5.00		100		70-130			
Tetrachloroethylene	4.69				5.00		93.8		70-130			
Tetrahydrofuran	4.71				5.00		94.3		70-130			
Toluene	5.15				5.00		103		70-130			
1,2,4-Trichlorobenzene	4.28				5.00		85.6		70-130			
1,1,1-Trichloroethane	4.94				5.00		98.7		70-130			
1,1,2-Trichloroethane	5.04				5.00		101		70-130			
Trichloroethylene	5.05				5.00		101		70-130			
Trichlorofluoromethane (Freon 11)	4.11				5.00		82.2		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.21				5.00		84.2		70-130			
1,2,4-Trimethylbenzene	5.19				5.00		104		70-130			
1,3,5-Trimethylbenzene	5.26				5.00		105		70-130			
Vinyl Acetate	4.37				5.00		87.3		70-130			
Vinyl Chloride	3.94				5.00		78.7		70-130			
m&p-Xylene	10.6				10.0		106		70-130			
o-Xylene	5.32				5.00		106		70-130			
Surrogate: 4-Bromofluorobenzene (1)	*8.40*				*8.00*		*105*		*70-130*			

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Note: Blank Subtraction is not performed unless otherwise noted

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
RL	Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
LCS Dup	Duplicate Laboratory Control Sample
MS	Matrix Spike Sample
MS Dup	Duplicate Matrix Spike Sample
REC	Recovery
QC	Quality Control
ppbv	Parts per billion volume
EPA	United States Environmental Protection Agency
% REC	Percent Recovery
ND	Not Detected
N/A	Not Applicable
DL	Detection Limit
NC	Not Calculated
LFB/LCS	Lab Fortified Blank/Lab Control Sample
ORP	Oxidation-Reduction Potential
wet	Not dry weight corrected
% wt	Percent weight
Kg	Kilogram
g	Gram
mg	Milligram
µg	Microgram
ng	Nanogram
L	Liter
mL	Milliliter
µL	Microliter
m3	Cubic Meter
EPH	Extractable Petroleum Hydrocarbons
VPH	Volatile Petroleum Hydrocarbons
APH	Air Petroleum Hydrocarbons
FID	Flame Ionization Detector
PID	Photo Ionization Detector
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

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ANALYST

TPH	Thomas P. Hnitecki
RJM	Raymond J. McCarthy
STATION	PDF Management Station
LR	Lionel Rios
KKM	Kerry K. McGee
CMR	Catherine M. Rouleau
BRF	Brittany R. Fisk

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S076501-ICV1)			Lab File ID: G22A256016.D			Analyzed: 09/13/22 22:00			
Bromochloromethane (1)	1141026	8.307	1141026	8.307	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2751702	10.081	2751702	10.081	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2471195	14.446	2471195	14.446	100	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S079080-CCV1)			Lab File ID: G22A308004.D			Analyzed: 11/04/22 13:38			
Bromochloromethane (1)	998904	8.307	998904	8.307	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1949088	10.081	1949088	10.081	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1743632	14.446	1743632	14.446	100	60 - 140	0.0000	+/-0.50	
LCS (B322593-BS1)			Lab File ID: G22A308008.D			Analyzed: 11/04/22 16:16			
Bromochloromethane (1)	1150206	8.307	998904	8.307	115	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2433166	10.081	1949088	10.081	125	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2173135	14.446	1743632	14.446	125	60 - 140	0.0000	+/-0.50	
Blank (B322593-BLK1)			Lab File ID: G22A308011.D			Analyzed: 11/04/22 18:56			
Bromochloromethane (1)	1128683	8.307	998904	8.307	113	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2362398	10.075	1949088	10.081	121	60 - 140	-0.0060	+/-0.50	
Chlorobenzene-d5 (1)	2163618	14.446	1743632	14.446	124	60 - 140	0.0000	+/-0.50	
OA-1-10.27.22 (22J4339-03)			Lab File ID: G22A308012.D			Analyzed: 11/04/22 19:45			
Bromochloromethane (1)	1136806	8.307	998904	8.307	114	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2319324	10.081	1949088	10.081	119	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2145725	14.446	1743632	14.446	123	60 - 140	0.0000	+/-0.50	
SV-9-10.27.22 (22J4339-01)			Lab File ID: G22A308013.D			Analyzed: 11/04/22 20:26			
Bromochloromethane (1)	1082665	8.307	998904	8.307	108	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2140993	10.081	1949088	10.081	110	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1976658	14.446	1743632	14.446	113	60 - 140	0.0000	+/-0.50	
DUP-1-10.27.22 (22J4339-02)			Lab File ID: G22A308014.D			Analyzed: 11/04/22 21:07			
Bromochloromethane (1)	993485	8.307	998904	8.307	99	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1905946	10.081	1949088	10.081	98	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1782149	14.446	1743632	14.446	102	60 - 140	0.0000	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S079080-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	4.40	1.084004	0.9543932		-12.0	30
Benzene	A	5.00	5.53	0.9129288	1.010462		10.7	30
Benzyl chloride	A	5.00	5.94	1.030942	1.224777		18.8	30
Bromodichloromethane	A	5.00	5.41	0.6953811	0.7524914		8.2	30
Bromoform	A	5.00	5.14	0.5656468	0.5810107		2.7	30
Bromomethane	A	5.00	3.55	0.6009459	0.4270504		-28.9	30
1,3-Butadiene	A	5.00	3.87	0.5443004	0.4217743		-22.5	30
2-Butanone (MEK)	A	5.00	4.89	1.507683	1.475393		-2.1	30
Carbon Disulfide	A	5.00	4.42	2.02748	1.791009		-11.7	30
Carbon Tetrachloride	A	5.00	5.36	0.5479998	0.5869806		7.1	30
Chlorobenzene	A	5.00	4.89	0.8809329	0.8613469		-2.2	30
Chloroethane	A	5.00	3.69	0.3452967	0.2545254		-26.3	30
Chloroform	A	5.00	4.49	1.561184	1.401442		-10.2	30
Chloromethane	A	5.00	4.02	0.6821899	0.5485404		-19.6	30
Cyclohexane	A	5.00	5.29	0.3600845	0.3810258		5.8	30
Dibromochloromethane	A	5.00	5.28	0.6396581	0.6760968		5.7	30
1,2-Dibromoethane (EDB)	A	5.00	5.08	0.6171207	0.6267405		1.6	30
1,2-Dichlorobenzene	A	5.00	5.06	0.6937094	0.7018508		1.2	30
1,3-Dichlorobenzene	A	5.00	5.22	0.7409581	0.7738771		4.4	30
1,4-Dichlorobenzene	A	5.00	5.17	0.7218155	0.7468778		3.5	30
Dichlorodifluoromethane (Freon 12)	A	5.00	4.53	1.62808	1.474296		-9.4	30
1,1-Dichloroethane	A	5.00	4.78	1.342742	1.283568		-4.4	30
1,2-Dichloroethane	A	5.00	4.70	0.9627523	0.9049694		-6.0	30
1,1-Dichloroethylene	A	5.00	4.70	1.140142	1.07267		-5.9	30
cis-1,2-Dichloroethylene	A	5.00	4.69	0.9670963	0.9073545		-6.2	30
trans-1,2-Dichloroethylene	A	5.00	4.72	1.001825	0.9446642		-5.7	30
1,2-Dichloropropane	A	5.00	5.90	0.3567989	0.421322		18.1	30
cis-1,3-Dichloropropene	A	5.00	5.69	0.5092852	0.5798035		13.8	30
trans-1,3-Dichloropropene	A	5.00	5.58	0.4570981	0.5098672		11.5	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 1	A	5.00	3.76	1.73998	1.310053		-24.7	30
1,4-Dioxane	A	5.00	4.90	0.1857641	0.1822087		-1.9	30
Ethanol	A	5.00	3.39	0.2343264	0.1590079		-32.1	30 *
Ethyl Acetate	A	5.00	5.17	0.2308163	0.2385222		3.3	30
Ethylbenzene	A	5.00	5.36	1.455024	1.559079		7.2	30
4-Ethyltoluene	A	5.00	5.40	1.413771	1.525452		7.9	30
Heptane	A	5.00	6.02	0.2850308	0.3428754		20.3	30
Hexachlorobutadiene	A	5.00	5.13	0.4677459	0.4799627		2.6	30
Hexane	A	5.00	5.26	0.8985394	0.8869865		5.1	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S079080-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	6.23	0.7712864	0.961301		24.6	30
Isopropanol	A	5.00	3.88	1.338902	1.037782		-22.5	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	4.51	1.834723	1.654732		-9.8	30
Methylene Chloride	A	5.00	4.33	0.9597215	0.830616		-13.5	30
4-Methyl-2-pentanone (MIBK)	A	5.00	6.24	0.7726854	0.9635801		24.7	30
Naphthalene	A	5.00	5.52	1.092246	1.20511		10.3	30
Propene	A	5.00	4.90	0.5941328	0.5821693		-2.0	30
Styrene	A	5.00	5.31	0.7890752	0.838509		6.3	30
1,1,2,2-Tetrachloroethane	A	5.00	5.45	0.9851261	1.072964		8.9	30
Tetrachloroethylene	A	5.00	4.56	0.457194	0.416642		-8.9	30
Tetrahydrofuran	A	5.00	4.76	0.2957092	0.2813227		-4.9	30
Toluene	A	5.00	5.21	1.15399	1.20213		4.2	30
1,2,4-Trichlorobenzene	A	5.00	4.96	0.4973623	0.4930004		-0.9	30
1,1,1-Trichloroethane	A	5.00	5.28	0.5975698	0.6316907		5.7	30
1,1,2-Trichloroethane	A	5.00	5.12	0.4162703	0.4262551		2.4	30
Trichloroethylene	A	5.00	5.24	0.3947958	0.41353		4.7	30
Trichlorofluoromethane (Freon 11)	A	5.00	4.01	1.463327	1.173012		-19.8	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	A	5.00	4.02	1.432547	1.152087		-19.6	30
1,2,4-Trimethylbenzene	A	5.00	5.50	1.156019	1.271331		10.0	30
1,3,5-Trimethylbenzene	A	5.00	5.48	1.190388	1.304348		9.6	30
Vinyl Acetate	A	5.00	4.10	1.986739	1.630437		-17.9	30
Vinyl Chloride	A	5.00	3.92	0.7142115	0.5599145		-21.6	30
m&p-Xylene	A	10.0	11.1	1.129066	1.255265		11.2	30
o-Xylene	A	5.00	5.59	1.138955	1.273431		11.8	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA,NY,ME,NH
Benzene	AIHA,FL,NJ,NY,ME,NH,VA
Benzyl chloride	AIHA,FL,NJ,NY,ME,NH,VA
Bromodichloromethane	AIHA,NJ,NY,ME,NH,VA
Bromoform	AIHA,NJ,NY,ME,NH,VA
Bromomethane	AIHA,FL,NJ,NY,ME,NH
1,3-Butadiene	AIHA,NJ,NY,ME,NH,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,ME,NH,VA
Carbon Disulfide	AIHA,NJ,NY,ME,NH,VA
Carbon Tetrachloride	AIHA,FL,NJ,NY,ME,NH,VA
Chlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Chloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Chloroform	AIHA,FL,NJ,NY,ME,NH,VA
Chloromethane	AIHA,FL,NJ,NY,ME,NH,VA
Cyclohexane	AIHA,NJ,NY,ME,NH,VA
Dibromochloromethane	AIHA,NY,ME,NH
1,2-Dibromoethane (EDB)	AIHA,NJ,NY,ME,NH
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
1,3-Dichlorobenzene	AIHA,NJ,NY,ME,NH
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY,ME,NH
1,1-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,ME,NH,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,ME,NH,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,ME,NH,VA
trans-1,3-Dichloropropene	AIHA,NY,ME,NH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	AIHA,NJ,NY,ME,NH,VA
1,4-Dioxane	AIHA,NJ,NY,ME,NH,VA
Ethanol	AIHA
Ethyl Acetate	AIHA
Ethylbenzene	AIHA,FL,NJ,NY,ME,NH,VA
4-Ethyltoluene	AIHA,NJ
Heptane	AIHA,NJ,NY,ME,NH,VA
Hexachlorobutadiene	AIHA,NJ,NY,ME,NH,VA
Hexane	AIHA,FL,NJ,NY,ME,NH,VA
2-Hexanone (MBK)	AIHA
Isopropanol	AIHA,NY,ME,NH
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,ME,NH,VA
Methylene Chloride	AIHA,FL,NJ,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY,ME,NH
Naphthalene	NY,ME,NH
Propene	AIHA
Styrene	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,ME,NH,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Tetrachloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Tetrahydrofuran	AIHA
Toluene	AIHA,FL,NJ,NY,ME,NH,VA
1,2,4-Trichlorobenzene	AIHA,NJ,NY,ME,NH,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Trichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY,ME,NH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	AIHA,NJ,NY,ME,NH,VA
1,2,4-Trimethylbenzene	AIHA,NJ,NY,ME,NH
1,3,5-Trimethylbenzene	AIHA,NJ,NY,ME,NH
Vinyl Acetate	AIHA,FL,NJ,NY,ME,NH,VA
Vinyl Chloride	AIHA,FL,NJ,NY,ME,NH,VA
m&p-Xylene	AIHA,FL,NJ,NY,ME,NH,VA
o-Xylene	AIHA,FL,NJ,NY,ME,NH,VA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO 17025:2017	100033	03/1/2024
NY	New York State Department of Health	10899 NELAP	04/1/2023
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2023
NJ	New Jersey DEP	MA007 NELAP	06/30/2023
FL	Florida Department of Health	E871027 NELAP	06/30/2023
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022

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DOC #378 REV3_11232021

CHAIN OF CUSTODY RECORD (AIR)

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name:	HRP Associates
Address:	1 Fairchild Square, Clifton Park, NY
Phone:	518-877-7101
Project Name:	473 President St. - Offsite
Project Location:	473 President St. Brooklyn, NY
Project Number:	DEC 1035. P2
Project Manager:	David Stoll
Pace Quote Name/Number:	
Invoice Recipient:	David.Stoll@HRPAssociates.com
Sampled By:	TRL

Turnaround Time (TAT) Requested

7-Day [X] 10-Day [ ]
Due Date:

Turnaround Time Requested

1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Deliverables

Format: PDF [X] EXCEL [X]
Other: EQUIS
CLP Like Data Pkg Required: [ ]
Email To:
Fax To #:

ANALYSIS REQUESTED

Lab Use	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume	TO-15				" Hg			Summa Can ID	Flow Controller ID
Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	m³/min L/min	Code	Liters m³					Initial Pressure	Final Pressure	Lab Receipt Pressure		
1	SV-4_10.27.22	10/27/22 1105	10/28/22 1215	70		SG	6	x				-30	-10	-12	1162	4316
2	DUP-1_10.27.22	1105	1215	70		SG	6	x				-30	-10	-13	1886	4316
3	OA-1_10.27.22	10/27/22 1110	10/28/22 1240	90		AMB	6	x				-30	-11	-10	1436	4439

Please fill out completely, sign, date and retain the yellow copy for your records

Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply

For summa canister and flow controller information please refer to Con-Test's Air Media Agreement

Comments: DO NOT RUN ANALYSIS ON CANISTER 2173 (Can Unused)
Please Provide a CAT B Report

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:
SG = SOIL GAS
IA = INDOOR AIR
AMB = AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = Other_____

Relinquished by: (signature)	Date/Time: 10/28/22 1125	
Received by: (signature)	Date/Time: 10/25/22 1125	
Relinquished by: (signature)	Date/Time: 10/28/22	
Received by: (signature)	Date/Time: 10/28/22 1510	
Relinquished by: (signature)	Date/Time: 10/28/22 1605	
Received by: (signature)	Date/Time: 10/27 1625	

Deliverables Requested (Check all that apply)
RCP [ ]
CLP [ ]

Special Requirements
[ ] MA MCP Required
[ ] MCP Certification Form Required
[ ] CT RCP Required
[ ] RCP Certification Form Required
[ ] Other

Pace Analytical®
NELAC and AIHA-LAP, LLC Accredited

Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] 21 J [ ] School
[ ] City [ ] Brownfield [ ] MBTA

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

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Doc# 278 Rev 7 July 2022

Air Media Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client HRP

Received By	JC		Date	10/28		Time	1625
How Were the samples received?	In Cooler		On Ice			No Ice	
	In Box	T	Ambient			Melted Ice	
Were samples within Tempurature Compliance?	Within 2-6°C		By Gun #			Actual Temp -	
			By Blank #			Actual Temp -	
Was Custody Seal In tact?	NA		Were Samples Tampered with?			NA	
Was COC Relinquished ?	T		Does Chain Agree With Samples?			T	
Are there any loose caps/valves on any samples?	F						
Is COC in ink/ Legible?	T		Were samples received within holding time?			T	
Did COC Include all Pertinent Information?	Client?	T	Analysis?	T		Sampler Name?	T
	Project?	T	ID's?	T		Collection Dates/Times?	T
Are Sample Labels filled out and legible?							
Are there Rushes?	F		Who was notified?				
Samples are received within holding time?	T						
Proper Media Used?	T		Individually Certified Cans?			F	
Are there Trip Blanks?	F		Is there enough Volume?			T	

Containers:	#	Size	Regulator	Duration	Accessories:			
Summa Cans	4	6L	3	2 hrs	Nut/Ferrule		IC Train	
Tedlar Bags					Tubing			
TO-17 Tubes					T-Connector		Shipping Charges	
Radiello					Syringe			
Pufs/TO-11s					Tedlar			

Can #'s					Reg #'s				
1162					4316				
1886					4439				
1936									
Unused Media					**Pufs/TO-17's**				
2173-4359	-30.1								

Comments:

Air Sampling Media Certificate of Analysis

Date Analyzed: 10/18/2022 **Batch #:** 22CC0857

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs:	BC1936	BC1886	BC1162

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.2	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: CMR 11/9/22

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April 12, 2023

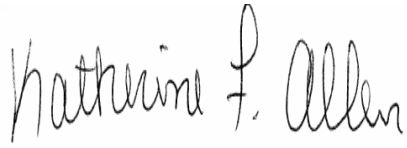
Marnie Chancey
NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Project Location: 473 President St
Client Job Number:
Project Number: C224220A
Laboratory Work Order Number: 23A2216

Enclosed are results of analyses for samples as received by the laboratory on January 23, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager



QA Officer
Katherine Allen

Laboratory Manager
Daren Damboragian

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NYDEC_HRP Associates - Clifton Park, NY
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
ATTN: Marnie Chancey

REPORT DATE: 4/12/2023

PURCHASE ORDER NUMBER: MULTI QN

PROJECT NUMBER: C224220A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23A2216

The results of analyses performed on the following samples submitted to Con-Test, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 473 President St

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SV-18-1.18.23	23A2216-01	Air		EPA TO-15	
DUP-1.18.23	23A2216-02	Air		EPA TO-15	
OA-1.18.23	23A2216-03	Air		EPA TO-15	
SV-16-1.18.23	23A2216-04	Air		EPA TO-15	
SV-15-1.18.23	23A2216-05	Air		EPA TO-15	
SV-17-1.18.23	23A2216-06	Air		EPA TO-15	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED 3/1/2023: Flow Controller RPDs for Samples -04,-06, and -16 calculated to be <20%; Sample -31 RPD >20%.

EPA TO-15

Qualifications:

L-03 Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,3-Butadiene, Acrolein, Chloroethane, Ethanol, Isopropanol

23A2216-01[SV-18-1.18.23], 23A2216-02[DUP-1.18.23], 23A2216-04[SV-16-1.18.23], B330682-BLK1, B330682-BS1, 23A2216-03[OA-1.18.23], 23A2216-05[SV-15-1.18.23], 23A2216-06[SV-17-1.18.23], B330948-BLK1, B330948-BS1

RL-11 Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

23A2216-01[SV-18-1.18.23], 23A2216-02[DUP-1.18.23]

V-05 Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

4-Methyl-2-pentanone (MIBK), Acrolein, Chloroethane, Chloromethane, Ethanol, Isopropanol

23A2216-03[OA-1.18.23], 23A2216-05[SV-15-1.18.23], 23A2216-06[SV-17-1.18.23], B330948-BLK1, B330948-BS1, S082984-CCV1, 23A2216-01[SV-18-1.18.23], 23A2216-02[DUP-1.18.23], 23A2216-04[SV-16-1.18.23], B330682-BLK1, B330682-BS1, S082839-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Raymond J. McCarthy
Project Manager

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

ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: SV-18-1.18.23
Sample ID: 23A2216-01
Sample Matrix: Air
Sampled: 1/18/2023 09:55

Sample Description/Location:
Sub Description/Location:
Canister ID: P2876
Canister Size: 1 liter
Flow Controller ID: PF0853
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Sample Flags: RL-11

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	ND	120	72		ND	290	170	60	2/3/23 5:26	CMR
Acrolein	ND	60	15	L-03, V-05	ND	140	34	60	2/3/23 5:26	CMR
Benzene	4.9	3.0	2.3		16	9.6	7.3	60	2/3/23 5:26	CMR
Benzyl chloride	ND	3.0	2.6		ND	16	14	60	2/3/23 5:26	CMR
Bromodichloromethane	ND	3.0	2.1		ND	20	14	60	2/3/23 5:26	CMR
Bromoform	ND	3.0	2.0		ND	31	21	60	2/3/23 5:26	CMR
Bromomethane	ND	3.0	2.0		ND	12	7.8	60	2/3/23 5:26	CMR
1,3-Butadiene	ND	3.0	2.5	L-03	ND	6.6	5.6	60	2/3/23 5:26	CMR
2-Butanone (MEK)	ND	120	32		ND	350	94	60	2/3/23 5:26	CMR
Carbon Disulfide	8.2	30	2.8	J	25	93	8.6	60	2/3/23 5:26	CMR
Carbon Tetrachloride	ND	3.0	2.4		ND	19	15	60	2/3/23 5:26	CMR
Chlorobenzene	ND	3.0	2.0		ND	14	9.2	60	2/3/23 5:26	CMR
Chloroethane	ND	3.0	2.7	L-03, V-05	ND	7.9	7.0	60	2/3/23 5:26	CMR
Chloroform	16	3.0	2.8		77	15	14	60	2/3/23 5:26	CMR
Chloromethane	ND	6.0	2.4		ND	12	4.9	60	2/3/23 5:26	CMR
Cyclohexane	2700	3.0	1.8		9400	10	6.2	60	2/3/23 5:26	CMR
Dibromochloromethane	ND	3.0	2.0		ND	26	17	60	2/3/23 5:26	CMR
1,2-Dibromoethane (EDB)	ND	3.0	1.8		ND	23	14	60	2/3/23 5:26	CMR
1,2-Dichlorobenzene	ND	3.0	1.7		ND	18	10	60	2/3/23 5:26	CMR
1,3-Dichlorobenzene	ND	3.0	1.7		ND	18	10.0	60	2/3/23 5:26	CMR
1,4-Dichlorobenzene	ND	3.0	2.0		ND	18	12	60	2/3/23 5:26	CMR
Dichlorodifluoromethane (Freon 12)	ND	3.0	2.9		ND	15	14	60	2/3/23 5:26	CMR
1,1-Dichloroethane	ND	3.0	2.6		ND	12	11	60	2/3/23 5:26	CMR
1,2-Dichloroethane	ND	3.0	2.7		ND	12	11	60	2/3/23 5:26	CMR
1,1-Dichloroethylene	ND	3.0	2.3		ND	12	9.1	60	2/3/23 5:26	CMR
cis-1,2-Dichloroethylene	ND	3.0	2.2		ND	12	8.7	60	2/3/23 5:26	CMR
trans-1,2-Dichloroethylene	ND	3.0	2.4		ND	12	9.3	60	2/3/23 5:26	CMR
1,2-Dichloropropane	ND	3.0	1.6		ND	14	7.5	60	2/3/23 5:26	CMR
cis-1,3-Dichloropropene	ND	3.0	1.6		ND	14	7.1	60	2/3/23 5:26	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	3.0	3.0		ND	21	21	60	2/3/23 5:26	CMR
1,4-Dioxane	ND	30	2.5		ND	110	9.0	60	2/3/23 5:26	CMR
Ethanol	ND	120	53	L-03, V-05	ND	230	100	60	2/3/23 5:26	CMR
Ethyl Acetate	ND	30	15		ND	110	55	60	2/3/23 5:26	CMR
Ethylbenzene	2.0	3.0	1.8	J	8.9	13	7.6	60	2/3/23 5:26	CMR
4-Ethyltoluene	ND	3.0	1.8		ND	15	9.1	60	2/3/23 5:26	CMR
Heptane	3.5	3.0	1.9		14	12	7.9	60	2/3/23 5:26	CMR
Hexachlorobutadiene	ND	3.0	2.5		ND	32	26	60	2/3/23 5:26	CMR
Hexane	ND	120	16		ND	420	55	60	2/3/23 5:26	CMR
2-Hexanone (MBK)	ND	3.0	1.5		ND	12	6.1	60	2/3/23 5:26	CMR
Isopropanol	ND	120	21	L-03, V-05	ND	290	51	60	2/3/23 5:26	CMR
Methyl tert-Butyl Ether (MTBE)	ND	3.0	2.3		ND	11	8.4	60	2/3/23 5:26	CMR
Methylene Chloride	ND	30	14		ND	100	48	60	2/3/23 5:26	CMR
4-Methyl-2-pentanone (MIBK)	ND	3.0	1.6		ND	12	6.6	60	2/3/23 5:26	CMR
Naphthalene	ND	3.0	2.3		ND	16	12	60	2/3/23 5:26	CMR
Propene	ND	120	26		ND	210	45	60	2/3/23 5:26	CMR
Styrene	ND	3.0	1.6		ND	13	6.7	60	2/3/23 5:26	CMR
1,1,2,2-Tetrachloroethane	ND	3.0	1.6		ND	21	11	60	2/3/23 5:26	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: SV-18-1.18.23
Sample ID: 23A2216-01
Sample Matrix: Air
Sampled: 1/18/2023 09:55

Sample Description/Location:
Sub Description/Location:
Canister ID: P2876
Canister Size: 1 liter
Flow Controller ID: PF0853
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	4.3	3.0	2.3		29	20	16	60	2/3/23 5:26	CMR
Tetrahydrofuran	ND	30	4.9		ND	88	15	60	2/3/23 5:26	CMR
Toluene	7.7	3.0	1.7		29	11	6.5	60	2/3/23 5:26	CMR
1,2,4-Trichlorobenzene	ND	3.0	2.8		ND	22	21	60	2/3/23 5:26	CMR
1,1,1-Trichloroethane	ND	3.0	2.4		ND	16	13	60	2/3/23 5:26	CMR
1,1,2-Trichloroethane	ND	3.0	2.1		ND	16	12	60	2/3/23 5:26	CMR
Trichloroethylene	ND	3.0	2.0		ND	16	11	60	2/3/23 5:26	CMR
Trichlorofluoromethane (Freon 11)	ND	12	3.5		ND	67	20	60	2/3/23 5:26	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	12	3.3		ND	92	26	60	2/3/23 5:26	CMR
1,2,4-Trimethylbenzene	ND	3.0	1.3		ND	15	6.5	60	2/3/23 5:26	CMR
1,3,5-Trimethylbenzene	ND	3.0	1.6		ND	15	7.8	60	2/3/23 5:26	CMR
Vinyl Acetate	ND	30	16		ND	110	57	60	2/3/23 5:26	CMR
Vinyl Chloride	ND	3.0	2.7		ND	7.7	6.9	60	2/3/23 5:26	CMR
m&p-Xylene	5.7	6.0	3.4	J	25	26	15	60	2/3/23 5:26	CMR
o-Xylene	1.7	3.0	1.5	J	7.6	13	6.7	60	2/3/23 5:26	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	115	70-130		2/3/23 5:26

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: DUP-1.18.23
Sample ID: 23A2216-02
Sample Matrix: Air
Sampled: 1/18/2023 09:55

Sample Description/Location:
Sub Description/Location:
Canister ID: P3116
Canister Size: 1 liter
Flow Controller ID: PF0853
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Sample Flags: RL-11

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	ND	120	72		ND	290	170	60	2/3/23 7:15	CMR
Acrolein	ND	60	15	L-03, V-05	ND	140	34	60	2/3/23 7:15	CMR
Benzene	5.0	3.0	2.3		16	9.6	7.3	60	2/3/23 7:15	CMR
Benzyl chloride	ND	3.0	2.6		ND	16	14	60	2/3/23 7:15	CMR
Bromodichloromethane	ND	3.0	2.1		ND	20	14	60	2/3/23 7:15	CMR
Bromoform	ND	3.0	2.0		ND	31	21	60	2/3/23 7:15	CMR
Bromomethane	ND	3.0	2.0		ND	12	7.8	60	2/3/23 7:15	CMR
1,3-Butadiene	ND	3.0	2.5	L-03	ND	6.6	5.6	60	2/3/23 7:15	CMR
2-Butanone (MEK)	ND	120	32		ND	350	94	60	2/3/23 7:15	CMR
Carbon Disulfide	9.8	30	2.8	J	30	93	8.6	60	2/3/23 7:15	CMR
Carbon Tetrachloride	ND	3.0	2.4		ND	19	15	60	2/3/23 7:15	CMR
Chlorobenzene	ND	3.0	2.0		ND	14	9.2	60	2/3/23 7:15	CMR
Chloroethane	ND	3.0	2.7	L-03, V-05	ND	7.9	7.0	60	2/3/23 7:15	CMR
Chloroform	18	3.0	2.8		88	15	14	60	2/3/23 7:15	CMR
Chloromethane	ND	6.0	2.4		ND	12	4.9	60	2/3/23 7:15	CMR
Cyclohexane	3400	30	18		12000	100	62	600	2/3/23 8:09	CMR
Dibromochloromethane	ND	3.0	2.0		ND	26	17	60	2/3/23 7:15	CMR
1,2-Dibromoethane (EDB)	ND	3.0	1.8		ND	23	14	60	2/3/23 7:15	CMR
1,2-Dichlorobenzene	ND	3.0	1.7		ND	18	10	60	2/3/23 7:15	CMR
1,3-Dichlorobenzene	ND	3.0	1.7		ND	18	10.0	60	2/3/23 7:15	CMR
1,4-Dichlorobenzene	ND	3.0	2.0		ND	18	12	60	2/3/23 7:15	CMR
Dichlorodifluoromethane (Freon 12)	ND	3.0	2.9		ND	15	14	60	2/3/23 7:15	CMR
1,1-Dichloroethane	ND	3.0	2.6		ND	12	11	60	2/3/23 7:15	CMR
1,2-Dichloroethane	ND	3.0	2.7		ND	12	11	60	2/3/23 7:15	CMR
1,1-Dichloroethylene	ND	3.0	2.3		ND	12	9.1	60	2/3/23 7:15	CMR
cis-1,2-Dichloroethylene	ND	3.0	2.2		ND	12	8.7	60	2/3/23 7:15	CMR
trans-1,2-Dichloroethylene	ND	3.0	2.4		ND	12	9.3	60	2/3/23 7:15	CMR
1,2-Dichloropropane	ND	3.0	1.6		ND	14	7.5	60	2/3/23 7:15	CMR
cis-1,3-Dichloropropene	ND	3.0	1.6		ND	14	7.1	60	2/3/23 7:15	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	3.0	3.0		ND	21	21	60	2/3/23 7:15	CMR
1,4-Dioxane	ND	30	2.5		ND	110	9.0	60	2/3/23 7:15	CMR
Ethanol	ND	120	53	L-03, V-05	ND	230	100	60	2/3/23 7:15	CMR
Ethyl Acetate	ND	30	15		ND	110	55	60	2/3/23 7:15	CMR
Ethylbenzene	2.2	3.0	1.8	J	9.4	13	7.6	60	2/3/23 7:15	CMR
4-Ethyltoluene	ND	3.0	1.8		ND	15	9.1	60	2/3/23 7:15	CMR
Heptane	3.8	3.0	1.9		15	12	7.9	60	2/3/23 7:15	CMR
Hexachlorobutadiene	ND	3.0	2.5		ND	32	26	60	2/3/23 7:15	CMR
Hexane	17	120	16	J	60	420	55	60	2/3/23 7:15	CMR
2-Hexanone (MBK)	ND	3.0	1.5		ND	12	6.1	60	2/3/23 7:15	CMR
Isopropanol	ND	120	21	L-03, V-05	ND	290	51	60	2/3/23 7:15	CMR
Methyl tert-Butyl Ether (MTBE)	ND	3.0	2.3		ND	11	8.4	60	2/3/23 7:15	CMR
Methylene Chloride	ND	30	14		ND	100	48	60	2/3/23 7:15	CMR
4-Methyl-2-pentanone (MIBK)	ND	3.0	1.6		ND	12	6.6	60	2/3/23 7:15	CMR
Naphthalene	ND	3.0	2.3		ND	16	12	60	2/3/23 7:15	CMR
Propene	ND	120	26		ND	210	45	60	2/3/23 7:15	CMR
Styrene	ND	3.0	1.6		ND	13	6.7	60	2/3/23 7:15	CMR
1,1,2,2-Tetrachloroethane	ND	3.0	1.6		ND	21	11	60	2/3/23 7:15	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: DUP-1.18.23
Sample ID: 23A2216-02
Sample Matrix: Air
Sampled: 1/18/2023 09:55

Sample Description/Location:
Sub Description/Location:
Canister ID: P3116
Canister Size: 1 liter
Flow Controller ID: PF0853
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Sample Flags: RL-11

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	ND	3.0	2.3		ND	20	16	60	2/3/23 7:15	CMR
Tetrahydrofuran	ND	30	4.9		ND	88	15	60	2/3/23 7:15	CMR
Toluene	9.2	3.0	1.7		35	11	6.5	60	2/3/23 7:15	CMR
1,2,4-Trichlorobenzene	ND	3.0	2.8		ND	22	21	60	2/3/23 7:15	CMR
1,1,1-Trichloroethane	ND	3.0	2.4		ND	16	13	60	2/3/23 7:15	CMR
1,1,2-Trichloroethane	ND	3.0	2.1		ND	16	12	60	2/3/23 7:15	CMR
Trichloroethylene	ND	3.0	2.0		ND	16	11	60	2/3/23 7:15	CMR
Trichlorofluoromethane (Freon 11)	ND	12	3.5		ND	67	20	60	2/3/23 7:15	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	12	3.3		ND	92	26	60	2/3/23 7:15	CMR
1,2,4-Trimethylbenzene	ND	3.0	1.3		ND	15	6.5	60	2/3/23 7:15	CMR
1,3,5-Trimethylbenzene	ND	3.0	1.6		ND	15	7.8	60	2/3/23 7:15	CMR
Vinyl Acetate	ND	30	16		ND	110	57	60	2/3/23 7:15	CMR
Vinyl Chloride	ND	3.0	2.7		ND	7.7	6.9	60	2/3/23 7:15	CMR
m&p-Xylene	6.3	6.0	3.4		27	26	15	60	2/3/23 7:15	CMR
o-Xylene	1.9	3.0	1.5	J	8.3	13	6.7	60	2/3/23 7:15	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	114	70-130	2/3/23 8:09
4-Bromofluorobenzene (1)	118	70-130	2/3/23 7:15

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: OA-1.18.23
Sample ID: 23A2216-03
Sample Matrix: Air
Sampled: 1/18/2023 09:50

Sample Description/Location:
Sub Description/Location:
Canister ID: P2450
Canister Size: 1 liter
Flow Controller ID: PF2618
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: >20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	1.9	2.0	1.2	J	4.5	4.8	2.9	1	2/6/23 18:33	SFM
Acrolein	ND	1.0	0.25	L-03	ND	2.3	0.57	1	2/6/23 18:33	SFM
Benzene	0.097	0.050	0.038		0.31	0.16	0.12	1	2/6/23 18:33	SFM
Benzyl chloride	ND	0.050	0.044		ND	0.26	0.23	1	2/6/23 18:33	SFM
Bromodichloromethane	ND	0.050	0.035		ND	0.34	0.23	1	2/6/23 18:33	SFM
Bromoform	ND	0.050	0.034		ND	0.52	0.35	1	2/6/23 18:33	SFM
Bromomethane	ND	0.050	0.033		ND	0.19	0.13	1	2/6/23 18:33	SFM
1,3-Butadiene	0.051	0.050	0.042		0.11	0.11	0.093	1	2/6/23 18:33	SFM
2-Butanone (MEK)	ND	2.0	0.53		ND	5.9	1.6	1	2/6/23 18:33	SFM
Carbon Disulfide	ND	0.50	0.046		ND	1.6	0.14	1	2/6/23 18:33	SFM
Carbon Tetrachloride	ND	0.050	0.040		ND	0.31	0.25	1	2/6/23 18:33	SFM
Chlorobenzene	ND	0.050	0.033		ND	0.23	0.15	1	2/6/23 18:33	SFM
Chloroethane	ND	0.050	0.044		ND	0.13	0.12	1	2/6/23 18:33	SFM
Chloroform	ND	0.050	0.048		ND	0.24	0.23	1	2/6/23 18:33	SFM
Chloromethane	0.15	0.10	0.040	V-05	0.32	0.21	0.082	1	2/6/23 18:33	SFM
Cyclohexane	ND	0.050	0.030		ND	0.17	0.10	1	2/6/23 18:33	SFM
Dibromochloromethane	ND	0.050	0.033		ND	0.43	0.28	1	2/6/23 18:33	SFM
1,2-Dibromoethane (EDB)	ND	0.050	0.030		ND	0.38	0.23	1	2/6/23 18:33	SFM
1,2-Dichlorobenzene	ND	0.050	0.029		ND	0.30	0.17	1	2/6/23 18:33	SFM
1,3-Dichlorobenzene	ND	0.050	0.028		ND	0.30	0.17	1	2/6/23 18:33	SFM
1,4-Dichlorobenzene	ND	0.050	0.033		ND	0.30	0.20	1	2/6/23 18:33	SFM
Dichlorodifluoromethane (Freon 12)	0.12	0.050	0.049		0.61	0.25	0.24	1	2/6/23 18:33	SFM
1,1-Dichloroethane	ND	0.050	0.044		ND	0.20	0.18	1	2/6/23 18:33	SFM
1,2-Dichloroethane	ND	0.050	0.045		ND	0.20	0.18	1	2/6/23 18:33	SFM
1,1-Dichloroethylene	ND	0.050	0.038		ND	0.20	0.15	1	2/6/23 18:33	SFM
cis-1,2-Dichloroethylene	ND	0.050	0.036		ND	0.20	0.14	1	2/6/23 18:33	SFM
trans-1,2-Dichloroethylene	ND	0.050	0.039		ND	0.20	0.16	1	2/6/23 18:33	SFM
1,2-Dichloropropane	ND	0.050	0.027		ND	0.23	0.13	1	2/6/23 18:33	SFM
cis-1,3-Dichloropropene	ND	0.050	0.026		ND	0.23	0.12	1	2/6/23 18:33	SFM
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.050	0.049		ND	0.35	0.34	1	2/6/23 18:33	SFM
1,4-Dioxane	ND	0.50	0.042		ND	1.8	0.15	1	2/6/23 18:33	SFM
Ethanol	2.1	2.0	0.88	V-05	4.0	3.8	1.7	1	2/6/23 18:33	SFM
Ethyl Acetate	ND	0.50	0.25		ND	1.8	0.91	1	2/6/23 18:33	SFM
Ethylbenzene	0.030	0.050	0.029	J	0.13	0.22	0.13	1	2/6/23 18:33	SFM
4-Ethyltoluene	ND	0.050	0.031		ND	0.25	0.15	1	2/6/23 18:33	SFM
Heptane	ND	0.050	0.032		ND	0.20	0.13	1	2/6/23 18:33	SFM
Hexachlorobutadiene	ND	0.050	0.041		ND	0.53	0.44	1	2/6/23 18:33	SFM
Hexane	ND	2.0	0.26		ND	7.0	0.92	1	2/6/23 18:33	SFM
2-Hexanone (MBK)	ND	0.050	0.025		ND	0.20	0.10	1	2/6/23 18:33	SFM
Isopropanol	ND	2.0	0.34		ND	4.9	0.85	1	2/6/23 18:33	SFM
Methyl tert-Butyl Ether (MTBE)	ND	0.050	0.039		ND	0.18	0.14	1	2/6/23 18:33	SFM
Methylene Chloride	ND	0.50	0.23		ND	1.7	0.81	1	2/6/23 18:33	SFM
4-Methyl-2-pentanone (MIBK)	ND	0.050	0.027	V-05	ND	0.20	0.11	1	2/6/23 18:33	SFM
Naphthalene	ND	0.050	0.038		ND	0.26	0.20	1	2/6/23 18:33	SFM
Propene	ND	2.0	0.44		ND	3.4	0.76	1	2/6/23 18:33	SFM
Styrene	ND	0.050	0.026		ND	0.21	0.11	1	2/6/23 18:33	SFM
1,1,2,2-Tetrachloroethane	ND	0.050	0.027		ND	0.34	0.19	1	2/6/23 18:33	SFM

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: OA-1.18.23
Sample ID: 23A2216-03
Sample Matrix: Air
Sampled: 1/18/2023 09:50

Sample Description/Location:
Sub Description/Location:
Canister ID: P2450
Canister Size: 1 liter
Flow Controller ID: PF2618
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: >20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	ND	0.050	0.038		ND	0.34	0.26	1	2/6/23 18:33	SFM
Tetrahydrofuran	ND	0.50	0.082		ND	1.5	0.24	1	2/6/23 18:33	SFM
Toluene	0.12	0.050	0.029		0.44	0.19	0.11	1	2/6/23 18:33	SFM
1,2,4-Trichlorobenzene	ND	0.050	0.046		ND	0.37	0.34	1	2/6/23 18:33	SFM
1,1,1-Trichloroethane	ND	0.050	0.039		ND	0.27	0.21	1	2/6/23 18:33	SFM
1,1,2-Trichloroethane	ND	0.050	0.035		ND	0.27	0.19	1	2/6/23 18:33	SFM
Trichloroethylene	ND	0.050	0.034		ND	0.27	0.18	1	2/6/23 18:33	SFM
Trichlorofluoromethane (Freon 11)	0.096	0.20	0.059	J	0.54	1.1	0.33	1	2/6/23 18:33	SFM
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.20	0.056		ND	1.5	0.43	1	2/6/23 18:33	SFM
1,2,4-Trimethylbenzene	0.025	0.050	0.022	J	0.12	0.25	0.11	1	2/6/23 18:33	SFM
1,3,5-Trimethylbenzene	ND	0.050	0.026		ND	0.25	0.13	1	2/6/23 18:33	SFM
Vinyl Acetate	ND	0.50	0.27		ND	1.8	0.95	1	2/6/23 18:33	SFM
Vinyl Chloride	ND	0.050	0.045		ND	0.13	0.12	1	2/6/23 18:33	SFM
m&p-Xylene	0.091	0.10	0.056	J	0.40	0.43	0.24	1	2/6/23 18:33	SFM
o-Xylene	0.034	0.050	0.026	J	0.15	0.22	0.11	1	2/6/23 18:33	SFM

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	111	70-130		2/6/23 18:33

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: SV-16-1.18.23
Sample ID: 23A2216-04
Sample Matrix: Air
Sampled: 1/18/2023 10:05

Sample Description/Location:
Sub Description/Location:
Canister ID: P3077
Canister Size: 1 liter
Flow Controller ID: PF0210
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	18	2.0	1.2		43	4.8	2.9	1	2/2/23 23:49	CMR
Acrolein	0.29	1.0	0.25	L-03, V-05, J	0.66	2.3	0.57	1	2/2/23 23:49	CMR
Benzene	0.41	0.050	0.038		1.3	0.16	0.12	1	2/2/23 23:49	CMR
Benzyl chloride	ND	0.050	0.044		ND	0.26	0.23	1	2/2/23 23:49	CMR
Bromodichloromethane	ND	0.050	0.035		ND	0.34	0.23	1	2/2/23 23:49	CMR
Bromoform	ND	0.050	0.034		ND	0.52	0.35	1	2/2/23 23:49	CMR
Bromomethane	ND	0.050	0.033		ND	0.19	0.13	1	2/2/23 23:49	CMR
1,3-Butadiene	ND	0.050	0.042	L-03	ND	0.11	0.093	1	2/2/23 23:49	CMR
2-Butanone (MEK)	1.6	2.0	0.53	J	4.6	5.9	1.6	1	2/2/23 23:49	CMR
Carbon Disulfide	0.20	0.50	0.046	J	0.64	1.6	0.14	1	2/2/23 23:49	CMR
Carbon Tetrachloride	ND	0.050	0.040		ND	0.31	0.25	1	2/2/23 23:49	CMR
Chlorobenzene	ND	0.050	0.033		ND	0.23	0.15	1	2/2/23 23:49	CMR
Chloroethane	ND	0.050	0.044	L-03, V-05	ND	0.13	0.12	1	2/2/23 23:49	CMR
Chloroform	0.21	0.050	0.048		1.0	0.24	0.23	1	2/2/23 23:49	CMR
Chloromethane	0.26	0.10	0.040		0.55	0.21	0.082	1	2/2/23 23:49	CMR
Cyclohexane	0.68	0.050	0.030		2.3	0.17	0.10	1	2/2/23 23:49	CMR
Dibromochloromethane	ND	0.050	0.033		ND	0.43	0.28	1	2/2/23 23:49	CMR
1,2-Dibromoethane (EDB)	ND	0.050	0.030		ND	0.38	0.23	1	2/2/23 23:49	CMR
1,2-Dichlorobenzene	ND	0.050	0.029		ND	0.30	0.17	1	2/2/23 23:49	CMR
1,3-Dichlorobenzene	ND	0.050	0.028		ND	0.30	0.17	1	2/2/23 23:49	CMR
1,4-Dichlorobenzene	ND	0.050	0.033		ND	0.30	0.20	1	2/2/23 23:49	CMR
Dichlorodifluoromethane (Freon 12)	0.25	0.050	0.049		1.2	0.25	0.24	1	2/2/23 23:49	CMR
1,1-Dichloroethane	ND	0.050	0.044		ND	0.20	0.18	1	2/2/23 23:49	CMR
1,2-Dichloroethane	ND	0.050	0.045		ND	0.20	0.18	1	2/2/23 23:49	CMR
1,1-Dichloroethylene	ND	0.050	0.038		ND	0.20	0.15	1	2/2/23 23:49	CMR
cis-1,2-Dichloroethylene	ND	0.050	0.036		ND	0.20	0.14	1	2/2/23 23:49	CMR
trans-1,2-Dichloroethylene	ND	0.050	0.039		ND	0.20	0.16	1	2/2/23 23:49	CMR
1,2-Dichloropropane	ND	0.050	0.027		ND	0.23	0.13	1	2/2/23 23:49	CMR
cis-1,3-Dichloropropene	ND	0.050	0.026		ND	0.23	0.12	1	2/2/23 23:49	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.050	0.049		ND	0.35	0.34	1	2/2/23 23:49	CMR
1,4-Dioxane	ND	0.50	0.042		ND	1.8	0.15	1	2/2/23 23:49	CMR
Ethanol	3.8	2.0	0.88	L-03, V-05	7.2	3.8	1.7	1	2/2/23 23:49	CMR
Ethyl Acetate	ND	0.50	0.25		ND	1.8	0.91	1	2/2/23 23:49	CMR
Ethylbenzene	0.86	0.050	0.029		3.7	0.22	0.13	1	2/2/23 23:49	CMR
4-Ethyltoluene	0.29	0.050	0.031		1.4	0.25	0.15	1	2/2/23 23:49	CMR
Heptane	0.28	0.050	0.032		1.2	0.20	0.13	1	2/2/23 23:49	CMR
Hexachlorobutadiene	ND	0.050	0.041		ND	0.53	0.44	1	2/2/23 23:49	CMR
Hexane	0.56	2.0	0.26	J	2.0	7.0	0.92	1	2/2/23 23:49	CMR
2-Hexanone (MBK)	0.14	0.050	0.025		0.58	0.20	0.10	1	2/2/23 23:49	CMR
Isopropanol	3.1	2.0	0.34	L-03, V-05	7.5	4.9	0.85	1	2/2/23 23:49	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.050	0.039		ND	0.18	0.14	1	2/2/23 23:49	CMR
Methylene Chloride	ND	0.50	0.23		ND	1.7	0.81	1	2/2/23 23:49	CMR
4-Methyl-2-pentanone (MIBK)	0.086	0.050	0.027		0.35	0.20	0.11	1	2/2/23 23:49	CMR
Naphthalene	0.083	0.050	0.038		0.44	0.26	0.20	1	2/2/23 23:49	CMR
Propene	ND	2.0	0.44		ND	3.4	0.76	1	2/2/23 23:49	CMR
Styrene	0.083	0.050	0.026		0.35	0.21	0.11	1	2/2/23 23:49	CMR
1,1,2,2-Tetrachloroethane	ND	0.050	0.027		ND	0.34	0.19	1	2/2/23 23:49	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: SV-16-1.18.23
Sample ID: 23A2216-04
Sample Matrix: Air
Sampled: 1/18/2023 10:05

Sample Description/Location:
Sub Description/Location:
Canister ID: P3077
Canister Size: 1 liter
Flow Controller ID: PF0210
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	0.11	0.050	0.038		0.77	0.34	0.26	1	2/2/23 23:49	CMR
Tetrahydrofuran	ND	0.50	0.082		ND	1.5	0.24	1	2/2/23 23:49	CMR
Toluene	33	3.0	1.7		120	11	6.5	60	2/6/23 21:44	SFM
1,2,4-Trichlorobenzene	ND	0.050	0.046		ND	0.37	0.34	1	2/2/23 23:49	CMR
1,1,1-Trichloroethane	ND	0.050	0.039		ND	0.27	0.21	1	2/2/23 23:49	CMR
1,1,2-Trichloroethane	ND	0.050	0.035		ND	0.27	0.19	1	2/2/23 23:49	CMR
Trichloroethylene	ND	0.050	0.034		ND	0.27	0.18	1	2/2/23 23:49	CMR
Trichlorofluoromethane (Freon 11)	0.27	0.20	0.059		1.5	1.1	0.33	1	2/2/23 23:49	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.097	0.20	0.056	J	0.74	1.5	0.43	1	2/2/23 23:49	CMR
1,2,4-Trimethylbenzene	1.2	0.050	0.022		5.9	0.25	0.11	1	2/2/23 23:49	CMR
1,3,5-Trimethylbenzene	0.20	0.050	0.026		0.99	0.25	0.13	1	2/2/23 23:49	CMR
Vinyl Acetate	ND	0.50	0.27		ND	1.8	0.95	1	2/2/23 23:49	CMR
Vinyl Chloride	ND	0.050	0.045		ND	0.13	0.12	1	2/2/23 23:49	CMR
m&p-Xylene	3.7	0.10	0.056		16	0.43	0.24	1	2/2/23 23:49	CMR
o-Xylene	1.2	0.050	0.026		5.3	0.22	0.11	1	2/2/23 23:49	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	118	70-130	2/2/23 23:49
4-Bromofluorobenzene (1)	103	70-130	2/6/23 21:44

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: SV-15-1.18.23
Sample ID: 23A2216-05
Sample Matrix: Air
Sampled: 1/18/2023 10:07

Sample Description/Location:
Sub Description/Location:
Canister ID: P2785
Canister Size: 1 liter
Flow Controller ID: PF0231
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	14	2.0	1.2		34	4.8	2.9	1	2/6/23 19:23	SFM
Acrolein	ND	1.0	0.25	L-03	ND	2.3	0.57	1	2/6/23 19:23	SFM
Benzene	0.39	0.050	0.038		1.2	0.16	0.12	1	2/6/23 19:23	SFM
Benzyl chloride	ND	0.050	0.044		ND	0.26	0.23	1	2/6/23 19:23	SFM
Bromodichloromethane	ND	0.050	0.035		ND	0.34	0.23	1	2/6/23 19:23	SFM
Bromoform	ND	0.050	0.034		ND	0.52	0.35	1	2/6/23 19:23	SFM
Bromomethane	ND	0.050	0.033		ND	0.19	0.13	1	2/6/23 19:23	SFM
1,3-Butadiene	ND	0.050	0.042		ND	0.11	0.093	1	2/6/23 19:23	SFM
2-Butanone (MEK)	ND	2.0	0.53		ND	5.9	1.6	1	2/6/23 19:23	SFM
Carbon Disulfide	0.22	0.50	0.046	J	0.69	1.6	0.14	1	2/6/23 19:23	SFM
Carbon Tetrachloride	ND	0.050	0.040		ND	0.31	0.25	1	2/6/23 19:23	SFM
Chlorobenzene	ND	0.050	0.033		ND	0.23	0.15	1	2/6/23 19:23	SFM
Chloroethane	ND	0.050	0.044		ND	0.13	0.12	1	2/6/23 19:23	SFM
Chloroform	0.068	0.050	0.048		0.33	0.24	0.23	1	2/6/23 19:23	SFM
Chloromethane	0.20	0.10	0.040	V-05	0.42	0.21	0.082	1	2/6/23 19:23	SFM
Cyclohexane	0.096	0.050	0.030		0.33	0.17	0.10	1	2/6/23 19:23	SFM
Dibromochloromethane	ND	0.050	0.033		ND	0.43	0.28	1	2/6/23 19:23	SFM
1,2-Dibromoethane (EDB)	ND	0.050	0.030		ND	0.38	0.23	1	2/6/23 19:23	SFM
1,2-Dichlorobenzene	ND	0.050	0.029		ND	0.30	0.17	1	2/6/23 19:23	SFM
1,3-Dichlorobenzene	ND	0.050	0.028		ND	0.30	0.17	1	2/6/23 19:23	SFM
1,4-Dichlorobenzene	ND	0.050	0.033		ND	0.30	0.20	1	2/6/23 19:23	SFM
Dichlorodifluoromethane (Freon 12)	0.19	0.050	0.049		0.96	0.25	0.24	1	2/6/23 19:23	SFM
1,1-Dichloroethane	ND	0.050	0.044		ND	0.20	0.18	1	2/6/23 19:23	SFM
1,2-Dichloroethane	ND	0.050	0.045		ND	0.20	0.18	1	2/6/23 19:23	SFM
1,1-Dichloroethylene	ND	0.050	0.038		ND	0.20	0.15	1	2/6/23 19:23	SFM
cis-1,2-Dichloroethylene	0.14	0.050	0.036		0.57	0.20	0.14	1	2/6/23 19:23	SFM
trans-1,2-Dichloroethylene	ND	0.050	0.039		ND	0.20	0.16	1	2/6/23 19:23	SFM
1,2-Dichloropropane	ND	0.050	0.027		ND	0.23	0.13	1	2/6/23 19:23	SFM
cis-1,3-Dichloropropene	ND	0.050	0.026		ND	0.23	0.12	1	2/6/23 19:23	SFM
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.050	0.049		ND	0.35	0.34	1	2/6/23 19:23	SFM
1,4-Dioxane	ND	0.50	0.042		ND	1.8	0.15	1	2/6/23 19:23	SFM
Ethanol	8.5	2.0	0.88	V-05	16	3.8	1.7	1	2/6/23 19:23	SFM
Ethyl Acetate	ND	0.50	0.25		ND	1.8	0.91	1	2/6/23 19:23	SFM
Ethylbenzene	0.18	0.050	0.029		0.80	0.22	0.13	1	2/6/23 19:23	SFM
4-Ethyltoluene	0.042	0.050	0.031	J	0.21	0.25	0.15	1	2/6/23 19:23	SFM
Heptane	0.20	0.050	0.032		0.82	0.20	0.13	1	2/6/23 19:23	SFM
Hexachlorobutadiene	ND	0.050	0.041		ND	0.53	0.44	1	2/6/23 19:23	SFM
Hexane	0.89	2.0	0.26	J	3.1	7.0	0.92	1	2/6/23 19:23	SFM
2-Hexanone (MBK)	ND	0.050	0.025		ND	0.20	0.10	1	2/6/23 19:23	SFM
Isopropanol	5.2	2.0	0.34		13	4.9	0.85	1	2/6/23 19:23	SFM
Methyl tert-Butyl Ether (MTBE)	ND	0.050	0.039		ND	0.18	0.14	1	2/6/23 19:23	SFM
Methylene Chloride	0.74	0.50	0.23		2.6	1.7	0.81	1	2/6/23 19:23	SFM
4-Methyl-2-pentanone (MIBK)	ND	0.050	0.027	V-05	ND	0.20	0.11	1	2/6/23 19:23	SFM
Naphthalene	ND	0.050	0.038		ND	0.26	0.20	1	2/6/23 19:23	SFM
Propene	ND	2.0	0.44		ND	3.4	0.76	1	2/6/23 19:23	SFM
Styrene	ND	0.050	0.026		ND	0.21	0.11	1	2/6/23 19:23	SFM
1,1,2,2-Tetrachloroethane	ND	0.050	0.027		ND	0.34	0.19	1	2/6/23 19:23	SFM

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: SV-15-1.18.23
Sample ID: 23A2216-05
Sample Matrix: Air
Sampled: 1/18/2023 10:07

Sample Description/Location:
Sub Description/Location:
Canister ID: P2785
Canister Size: 1 liter
Flow Controller ID: PF0231
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	ND	0.050	0.038		ND	0.34	0.26	1	2/6/23 19:23	SFM
Tetrahydrofuran	ND	0.50	0.082		ND	1.5	0.24	1	2/6/23 19:23	SFM
Toluene	2.4	0.050	0.029		9.0	0.19	0.11	1	2/6/23 19:23	SFM
1,2,4-Trichlorobenzene	ND	0.050	0.046		ND	0.37	0.34	1	2/6/23 19:23	SFM
1,1,1-Trichloroethane	ND	0.050	0.039		ND	0.27	0.21	1	2/6/23 19:23	SFM
1,1,2-Trichloroethane	ND	0.050	0.035		ND	0.27	0.19	1	2/6/23 19:23	SFM
Trichloroethylene	0.10	0.050	0.034		0.56	0.27	0.18	1	2/6/23 19:23	SFM
Trichlorofluoromethane (Freon 11)	0.17	0.20	0.059	J	0.96	1.1	0.33	1	2/6/23 19:23	SFM
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.20	0.056		ND	1.5	0.43	1	2/6/23 19:23	SFM
1,2,4-Trimethylbenzene	0.16	0.050	0.022		0.81	0.25	0.11	1	2/6/23 19:23	SFM
1,3,5-Trimethylbenzene	0.034	0.050	0.026	J	0.17	0.25	0.13	1	2/6/23 19:23	SFM
Vinyl Acetate	ND	0.50	0.27		ND	1.8	0.95	1	2/6/23 19:23	SFM
Vinyl Chloride	ND	0.050	0.045		ND	0.13	0.12	1	2/6/23 19:23	SFM
m&p-Xylene	0.75	0.10	0.056		3.2	0.43	0.24	1	2/6/23 19:23	SFM
o-Xylene	0.24	0.050	0.026		1.1	0.22	0.11	1	2/6/23 19:23	SFM

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	114	70-130	2/6/23 19:23

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: SV-17-1.18.23
Sample ID: 23A2216-06
Sample Matrix: Air
Sampled: 1/18/2023 10:08

Sample Description/Location:
Sub Description/Location:
Canister ID: P3137
Canister Size: 1 liter
Flow Controller ID: PF1090
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	18	2.0	1.2		44	4.8	2.9	1	2/6/23 20:14	SFM
Acrolein	ND	1.0	0.25	L-03	ND	2.3	0.57	1	2/6/23 20:14	SFM
Benzene	1.1	0.050	0.038		3.6	0.16	0.12	1	2/6/23 20:14	SFM
Benzyl chloride	ND	0.050	0.044		ND	0.26	0.23	1	2/6/23 20:14	SFM
Bromodichloromethane	ND	0.050	0.035		ND	0.34	0.23	1	2/6/23 20:14	SFM
Bromoform	ND	0.050	0.034		ND	0.52	0.35	1	2/6/23 20:14	SFM
Bromomethane	ND	0.050	0.033		ND	0.19	0.13	1	2/6/23 20:14	SFM
1,3-Butadiene	ND	0.050	0.042		ND	0.11	0.093	1	2/6/23 20:14	SFM
2-Butanone (MEK)	ND	2.0	0.53		ND	5.9	1.6	1	2/6/23 20:14	SFM
Carbon Disulfide	0.13	0.50	0.046	J	0.39	1.6	0.14	1	2/6/23 20:14	SFM
Carbon Tetrachloride	ND	0.050	0.040		ND	0.31	0.25	1	2/6/23 20:14	SFM
Chlorobenzene	0.068	0.050	0.033		0.31	0.23	0.15	1	2/6/23 20:14	SFM
Chloroethane	0.051	0.050	0.044		0.13	0.13	0.12	1	2/6/23 20:14	SFM
Chloroform	0.071	0.050	0.048		0.35	0.24	0.23	1	2/6/23 20:14	SFM
Chloromethane	ND	0.10	0.040	V-05	ND	0.21	0.082	1	2/6/23 20:14	SFM
Cyclohexane	1.9	0.050	0.030		6.5	0.17	0.10	1	2/6/23 20:14	SFM
Dibromochloromethane	ND	0.050	0.033		ND	0.43	0.28	1	2/6/23 20:14	SFM
1,2-Dibromoethane (EDB)	ND	0.050	0.030		ND	0.38	0.23	1	2/6/23 20:14	SFM
1,2-Dichlorobenzene	ND	0.050	0.029		ND	0.30	0.17	1	2/6/23 20:14	SFM
1,3-Dichlorobenzene	ND	0.050	0.028		ND	0.30	0.17	1	2/6/23 20:14	SFM
1,4-Dichlorobenzene	ND	0.050	0.033		ND	0.30	0.20	1	2/6/23 20:14	SFM
Dichlorodifluoromethane (Freon 12)	0.13	0.050	0.049		0.62	0.25	0.24	1	2/6/23 20:14	SFM
1,1-Dichloroethane	0.047	0.050	0.044	J	0.19	0.20	0.18	1	2/6/23 20:14	SFM
1,2-Dichloroethane	0.13	0.050	0.045		0.53	0.20	0.18	1	2/6/23 20:14	SFM
1,1-Dichloroethylene	ND	0.050	0.038		ND	0.20	0.15	1	2/6/23 20:14	SFM
cis-1,2-Dichloroethylene	ND	0.050	0.036		ND	0.20	0.14	1	2/6/23 20:14	SFM
trans-1,2-Dichloroethylene	ND	0.050	0.039		ND	0.20	0.16	1	2/6/23 20:14	SFM
1,2-Dichloropropane	ND	0.050	0.027		ND	0.23	0.13	1	2/6/23 20:14	SFM
cis-1,3-Dichloropropene	ND	0.050	0.026		ND	0.23	0.12	1	2/6/23 20:14	SFM
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.050	0.049		ND	0.35	0.34	1	2/6/23 20:14	SFM
1,4-Dioxane	ND	0.50	0.042		ND	1.8	0.15	1	2/6/23 20:14	SFM
Ethanol	2.0	2.0	0.88	V-05, J	3.7	3.8	1.7	1	2/6/23 20:14	SFM
Ethyl Acetate	ND	0.50	0.25		ND	1.8	0.91	1	2/6/23 20:14	SFM
Ethylbenzene	0.31	0.050	0.029		1.3	0.22	0.13	1	2/6/23 20:14	SFM
4-Ethyltoluene	0.075	0.050	0.031		0.37	0.25	0.15	1	2/6/23 20:14	SFM
Heptane	6.2	0.050	0.032		25	0.20	0.13	1	2/6/23 20:14	SFM
Hexachlorobutadiene	ND	0.050	0.041		ND	0.53	0.44	1	2/6/23 20:14	SFM
Hexane	18	2.0	0.26		65	7.0	0.92	1	2/6/23 20:14	SFM
2-Hexanone (MBK)	ND	0.050	0.025		ND	0.20	0.10	1	2/6/23 20:14	SFM
Isopropanol	1.4	2.0	0.34	J	3.4	4.9	0.85	1	2/6/23 20:14	SFM
Methyl tert-Butyl Ether (MTBE)	ND	0.050	0.039		ND	0.18	0.14	1	2/6/23 20:14	SFM
Methylene Chloride	ND	0.50	0.23		ND	1.7	0.81	1	2/6/23 20:14	SFM
4-Methyl-2-pentanone (MIBK)	ND	0.050	0.027	V-05	ND	0.20	0.11	1	2/6/23 20:14	SFM
Naphthalene	ND	0.050	0.038		ND	0.26	0.20	1	2/6/23 20:14	SFM
Propene	1.5	2.0	0.44	J	2.6	3.4	0.76	1	2/6/23 20:14	SFM
Styrene	0.047	0.050	0.026	J	0.20	0.21	0.11	1	2/6/23 20:14	SFM
1,1,2,2-Tetrachloroethane	ND	0.050	0.027		ND	0.34	0.19	1	2/6/23 20:14	SFM

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ANALYTICAL RESULTS

Project Location: 473 President St
Date Received: 1/23/2023
Field Sample #: SV-17-1.18.23
Sample ID: 23A2216-06
Sample Matrix: Air
Sampled: 1/18/2023 10:08

Sample Description/Location:
Sub Description/Location:
Canister ID: P3137
Canister Size: 1 liter
Flow Controller ID: PF1090
Sample Type:

Work Order: 23A2216
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg):
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	0.076	0.050	0.038		0.52	0.34	0.26	1	2/6/23 20:14	SFM
Tetrahydrofuran	ND	0.50	0.082		ND	1.5	0.24	1	2/6/23 20:14	SFM
Toluene	2.2	0.050	0.029		8.3	0.19	0.11	1	2/6/23 20:14	SFM
1,2,4-Trichlorobenzene	ND	0.050	0.046		ND	0.37	0.34	1	2/6/23 20:14	SFM
1,1,1-Trichloroethane	0.041	0.050	0.039	J	0.22	0.27	0.21	1	2/6/23 20:14	SFM
1,1,2-Trichloroethane	ND	0.050	0.035		ND	0.27	0.19	1	2/6/23 20:14	SFM
Trichloroethylene	ND	0.050	0.034		ND	0.27	0.18	1	2/6/23 20:14	SFM
Trichlorofluoromethane (Freon 11)	0.13	0.20	0.059	J	0.73	1.1	0.33	1	2/6/23 20:14	SFM
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.061	0.20	0.056	J	0.47	1.5	0.43	1	2/6/23 20:14	SFM
1,2,4-Trimethylbenzene	0.25	0.050	0.022		1.2	0.25	0.11	1	2/6/23 20:14	SFM
1,3,5-Trimethylbenzene	0.059	0.050	0.026		0.29	0.25	0.13	1	2/6/23 20:14	SFM
Vinyl Acetate	ND	0.50	0.27		ND	1.8	0.95	1	2/6/23 20:14	SFM
Vinyl Chloride	ND	0.050	0.045		ND	0.13	0.12	1	2/6/23 20:14	SFM
m&p-Xylene	1.2	0.10	0.056		5.0	0.43	0.24	1	2/6/23 20:14	SFM
o-Xylene	0.37	0.050	0.026		1.6	0.22	0.11	1	2/6/23 20:14	SFM

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	110	70-130		2/6/23 20:14

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Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
23A2216-01 [SV-18-1.18.23]	B330682	1.5	1	N/A	1000	400	10	02/02/23
23A2216-02 [DUP-1.18.23]	B330682	1.5	1	N/A	1000	400	10	02/02/23
23A2216-02RE1 [DUP-1.18.23]	B330682	1.5	200	5	1000	400	200	02/02/23
23A2216-04 [SV-16-1.18.23]	B330682	1.5	1	N/A	1000	400	600	02/02/23

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
23A2216-03 [OA-1.18.23]	B330948	1.5	1	N/A	1000	400	600	02/06/23
23A2216-04RE1 [SV-16-1.18.23]	B330948	1.5	1	N/A	1000	400	10	02/06/23
23A2216-05 [SV-15-1.18.23]	B330948	1.5	1	N/A	1000	400	600	02/06/23
23A2216-06 [SV-17-1.18.23]	B330948	1.5	1	N/A	1000	400	600	02/06/23

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B330682 - TO-15 Prep											
Blank (B330682-BLK1)					Prepared & Analyzed: 02/02/23						
Acetone	ND	1.4									
Acrolein	ND	0.70									L-03, V-05
Benzene	ND	0.035									
Benzyl chloride	ND	0.035									
Bromodichloromethane	ND	0.035									
Bromoform	ND	0.035									
Bromomethane	ND	0.035									
1,3-Butadiene	ND	0.035									L-03
2-Butanone (MEK)	ND	1.4									
Carbon Disulfide	ND	0.35									
Carbon Tetrachloride	ND	0.035									
Chlorobenzene	ND	0.035									
Chloroethane	ND	0.035									L-03, V-05
Chloroform	ND	0.035									
Chloromethane	ND	0.070									
Cyclohexane	ND	0.035									
Dibromochloromethane	ND	0.035									
1,2-Dibromoethane (EDB)	ND	0.035									
1,2-Dichlorobenzene	ND	0.035									
1,3-Dichlorobenzene	ND	0.035									
1,4-Dichlorobenzene	ND	0.035									
Dichlorodifluoromethane (Freon 12)	ND	0.035									
1,1-Dichloroethane	ND	0.035									
1,2-Dichloroethane	ND	0.035									
1,1-Dichloroethylene	ND	0.035									
cis-1,2-Dichloroethylene	ND	0.035									
trans-1,2-Dichloroethylene	ND	0.035									
1,2-Dichloropropane	ND	0.035									
cis-1,3-Dichloropropene	ND	0.035									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035									
1,4-Dioxane	ND	0.35									
Ethanol	ND	1.4									L-03, V-05
Ethyl Acetate	ND	0.35									
Ethylbenzene	ND	0.035									
4-Ethyltoluene	ND	0.035									
Heptane	ND	0.035									
Hexachlorobutadiene	ND	0.035									
Hexane	ND	1.4									
2-Hexanone (MBK)	ND	0.035									
Isopropanol	ND	1.4									L-03, V-05
Methyl tert-Butyl Ether (MTBE)	ND	0.035									
Methylene Chloride	ND	0.35									
4-Methyl-2-pentanone (MIBK)	ND	0.035									
Naphthalene	ND	0.035									
Propene	ND	1.4									
Styrene	ND	0.035									

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B330682 - TO-15 Prep												
Blank (B330682-BLK1)					Prepared & Analyzed: 02/02/23							
1,1,2,2-Tetrachloroethane	ND	0.035										
Tetrachloroethylene	ND	0.035										
Tetrahydrofuran	ND	0.35										
Toluene	ND	0.035										
1,2,4-Trichlorobenzene	ND	0.035										
1,1,1-Trichloroethane	ND	0.035										
1,1,2-Trichloroethane	ND	0.035										
Trichloroethylene	ND	0.035										
Trichlorofluoromethane (Freon 11)	ND	0.14										
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14										
1,2,4-Trimethylbenzene	ND	0.035										
1,3,5-Trimethylbenzene	ND	0.035										
Vinyl Acetate	ND	0.35										
Vinyl Chloride	ND	0.035										
m&p-Xylene	ND	0.070										
o-Xylene	ND	0.035										
Surrogate: 4-Bromofluorobenzene (1)	*8.78*				*8.00*		*110*		*70-130*			
LCS (B330682-BS1)					Prepared & Analyzed: 02/02/23							
Acetone	4.04				5.00		80.8		70-130			
Acrolein	2.57				5.00		**51.4**	*	70-130			L-03, V-05
Benzene	4.50				5.00		90.0		70-130			
Benzyl chloride	4.80				5.00		95.9		70-130			
Bromodichloromethane	4.46				5.00		89.3		70-130			
Bromoform	5.03				5.00		101		70-130			
Bromomethane	3.87				5.00		77.5		70-130			
1,3-Butadiene	3.47				5.00		**69.5**	*	70-130			L-03
2-Butanone (MEK)	4.60				5.00		92.1		70-130			
Carbon Disulfide	4.93				5.00		98.7		70-130			
Carbon Tetrachloride	4.92				5.00		98.4		70-130			
Chlorobenzene	4.36				5.00		87.2		70-130			
Chloroethane	3.42				5.00		**68.5**	*	70-130			L-03, V-05
Chloroform	4.91				5.00		98.2		70-130			
Chloromethane	3.81				5.00		76.2		70-130			
Cyclohexane	4.45				5.00		89.0		70-130			
Dibromochloromethane	4.86				5.00		97.1		70-130			
1,2-Dibromoethane (EDB)	4.38				5.00		87.6		70-130			
1,2-Dichlorobenzene	4.60				5.00		92.1		70-130			
1,3-Dichlorobenzene	4.90				5.00		97.9		70-130			
1,4-Dichlorobenzene	4.82				5.00		96.5		70-130			
Dichlorodifluoromethane (Freon 12)	4.88				5.00		97.7		70-130			
1,1-Dichloroethane	4.92				5.00		98.3		70-130			
1,2-Dichloroethane	4.89				5.00		97.9		70-130			
1,1-Dichloroethylene	4.79				5.00		95.8		70-130			
cis-1,2-Dichloroethylene	4.57				5.00		91.4		70-130			
trans-1,2-Dichloroethylene	4.66				5.00		93.1		70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B330682 - TO-15 Prep												
LCS (B330682-BS1)					Prepared & Analyzed: 02/02/23							
1,2-Dichloropropane	4.50				5.00		90.0		70-130			
cis-1,3-Dichloropropene	4.28				5.00		85.5		70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.08				5.00		81.6		70-130			
1,4-Dioxane	4.41				5.00		88.2		70-130			
Ethanol	3.31				5.00		**66.3**	*	70-130			L-03, V-05
Ethyl Acetate	4.98				5.00		99.5		70-130			
Ethylbenzene	4.44				5.00		88.7		70-130			
4-Ethyltoluene	4.63				5.00		92.6		70-130			
Heptane	4.47				5.00		89.3		70-130			
Hexachlorobutadiene	4.66				5.00		93.2		70-130			
Hexane	5.02				5.00		100		70-130			
2-Hexanone (MBK)	4.30				5.00		86.1		70-130			
Isopropanol	3.42				5.00		**68.4**	*	70-130			L-03, V-05
Methyl tert-Butyl Ether (MTBE)	4.63				5.00		92.5		70-130			
Methylene Chloride	4.13				5.00		82.6		70-130			
4-Methyl-2-pentanone (MIBK)	4.30				5.00		85.9		70-130			
Naphthalene	4.44				5.00		88.8		70-130			
Propene	4.15				5.00		83.0		70-130			
Styrene	4.45				5.00		89.0		70-130			
1,1,2,2-Tetrachloroethane	4.33				5.00		86.5		70-130			
Tetrachloroethylene	4.74				5.00		94.7		70-130			
Tetrahydrofuran	4.81				5.00		96.3		70-130			
Toluene	4.38				5.00		87.7		70-130			
1,2,4-Trichlorobenzene	4.15				5.00		83.0		70-130			
1,1,1-Trichloroethane	4.46				5.00		89.1		70-130			
1,1,2-Trichloroethane	4.50				5.00		90.0		70-130			
Trichloroethylene	4.52				5.00		90.4		70-130			
Trichlorofluoromethane (Freon 11)	4.73				5.00		94.5		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.81				5.00		96.3		70-130			
1,2,4-Trimethylbenzene	4.55				5.00		91.0		70-130			
1,3,5-Trimethylbenzene	4.63				5.00		92.7		70-130			
Vinyl Acetate	3.92				5.00		78.4		70-130			
Vinyl Chloride	3.97				5.00		79.5		70-130			
m&p-Xylene	9.29				10.0		92.9		70-130			
o-Xylene	4.63				5.00		92.5		70-130			
Surrogate: 4-Bromofluorobenzene (1)	*8.94*				*8.00*		*112*		*70-130*			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B330948 - TO-15 Prep											
Blank (B330948-BLK1)					Prepared & Analyzed: 02/06/23						
Acetone	ND	1.4									
Acrolein	ND	0.70									L-03
Benzene	ND	0.035									
Benzyl chloride	ND	0.035									
Bromodichloromethane	ND	0.035									
Bromoform	ND	0.035									
Bromomethane	ND	0.035									
1,3-Butadiene	ND	0.035									
2-Butanone (MEK)	ND	1.4									
Carbon Disulfide	ND	0.35									
Carbon Tetrachloride	ND	0.035									
Chlorobenzene	ND	0.035									
Chloroethane	ND	0.035									
Chloroform	ND	0.035									
Chloromethane	ND	0.070									V-05
Cyclohexane	ND	0.035									
Dibromochloromethane	ND	0.035									
1,2-Dibromoethane (EDB)	ND	0.035									
1,2-Dichlorobenzene	ND	0.035									
1,3-Dichlorobenzene	ND	0.035									
1,4-Dichlorobenzene	ND	0.035									
Dichlorodifluoromethane (Freon 12)	ND	0.035									
1,1-Dichloroethane	ND	0.035									
1,2-Dichloroethane	ND	0.035									
1,1-Dichloroethylene	ND	0.035									
cis-1,2-Dichloroethylene	ND	0.035									
trans-1,2-Dichloroethylene	ND	0.035									
1,2-Dichloropropane	ND	0.035									
cis-1,3-Dichloropropene	ND	0.035									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035									
1,4-Dioxane	ND	0.35									
Ethanol	ND	1.4									V-05
Ethyl Acetate	ND	0.35									
Ethylbenzene	ND	0.035									
4-Ethyltoluene	ND	0.035									
Heptane	ND	0.035									
Hexachlorobutadiene	ND	0.035									
Hexane	ND	1.4									
2-Hexanone (MBK)	ND	0.035									
Isopropanol	ND	1.4									
Methyl tert-Butyl Ether (MTBE)	ND	0.035									
Methylene Chloride	ND	0.35									
4-Methyl-2-pentanone (MIBK)	ND	0.035									V-05
Naphthalene	ND	0.035									
Propene	ND	1.4									
Styrene	ND	0.035									

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B330948 - TO-15 Prep												
Blank (B330948-BLK1)					Prepared & Analyzed: 02/06/23							
1,1,2,2-Tetrachloroethane	ND	0.035										
Tetrachloroethylene	ND	0.035										
Tetrahydrofuran	ND	0.35										
Toluene	ND	0.035										
1,2,4-Trichlorobenzene	ND	0.035										
1,1,1-Trichloroethane	ND	0.035										
1,1,2-Trichloroethane	ND	0.035										
Trichloroethylene	ND	0.035										
Trichlorofluoromethane (Freon 11)	ND	0.14										
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14										
1,2,4-Trimethylbenzene	ND	0.035										
1,3,5-Trimethylbenzene	ND	0.035										
Vinyl Acetate	ND	0.35										
Vinyl Chloride	ND	0.035										
m&p-Xylene	ND	0.070										
o-Xylene	ND	0.035										
Surrogate: 4-Bromofluorobenzene (1)	*9.86*				*8.00*		*123*		*70-130*			
LCS (B330948-BS1)					Prepared & Analyzed: 02/06/23							
Acetone	4.99				5.00		99.9		70-130			
Acrolein	3.39				5.00		**67.8**	*	70-130			L-03
Benzene	4.29				5.00		85.8		70-130			
Benzyl chloride	4.84				5.00		96.9		70-130			
Bromodichloromethane	4.40				5.00		88.0		70-130			
Bromoform	5.80				5.00		116		70-130			
Bromomethane	4.98				5.00		99.5		70-130			
1,3-Butadiene	3.73				5.00		74.7		70-130			
2-Butanone (MEK)	4.68				5.00		93.7		70-130			
Carbon Disulfide	5.50				5.00		110		70-130			
Carbon Tetrachloride	5.27				5.00		105		70-130			
Chlorobenzene	4.70				5.00		94.0		70-130			
Chloroethane	4.38				5.00		87.6		70-130			
Chloroform	5.94				5.00		119		70-130			
Chloromethane	3.66				5.00		73.2		70-130			V-05
Cyclohexane	4.35				5.00		86.9		70-130			
Dibromochloromethane	5.24				5.00		105		70-130			
1,2-Dibromoethane (EDB)	4.50				5.00		90.0		70-130			
1,2-Dichlorobenzene	5.09				5.00		102		70-130			
1,3-Dichlorobenzene	5.48				5.00		110		70-130			
1,4-Dichlorobenzene	5.37				5.00		107		70-130			
Dichlorodifluoromethane (Freon 12)	5.77				5.00		115		70-130			
1,1-Dichloroethane	5.48				5.00		110		70-130			
1,2-Dichloroethane	6.11				5.00		122		70-130			
1,1-Dichloroethylene	5.42				5.00		108		70-130			
cis-1,2-Dichloroethylene	5.30				5.00		106		70-130			
trans-1,2-Dichloroethylene	5.22				5.00		104		70-130			

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B330948 - TO-15 Prep											
LCS (B330948-BS1)					Prepared & Analyzed: 02/06/23						
1,2-Dichloropropane	3.97				5.00		79.5	70-130			
cis-1,3-Dichloropropene	4.10				5.00		81.9	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.84				5.00		96.8	70-130			
1,4-Dioxane	4.22				5.00		84.4	70-130			
Ethanol	4.32				5.00		86.5	70-130			V-05
Ethyl Acetate	5.29				5.00		106	70-130			
Ethylbenzene	4.58				5.00		91.6	70-130			
4-Ethyltoluene	4.93				5.00		98.6	70-130			
Heptane	3.95				5.00		78.9	70-130			
Hexachlorobutadiene	5.46				5.00		109	70-130			
Hexane	5.60				5.00		112	70-130			
2-Hexanone (MBK)	3.71				5.00		74.1	70-130			
Isopropanol	3.70				5.00		74.1	70-130			
Methyl tert-Butyl Ether (MTBE)	5.56				5.00		111	70-130			
Methylene Chloride	4.27				5.00		85.4	70-130			
4-Methyl-2-pentanone (MIBK)	3.68				5.00		73.6	70-130			V-05
Naphthalene	4.68				5.00		93.6	70-130			
Propene	4.03				5.00		80.7	70-130			
Styrene	4.72				5.00		94.4	70-130			
1,1,2,2-Tetrachloroethane	4.18				5.00		83.5	70-130			
Tetrachloroethylene	5.39				5.00		108	70-130			
Tetrahydrofuran	5.49				5.00		110	70-130			
Toluene	4.49				5.00		89.7	70-130			
1,2,4-Trichlorobenzene	4.68				5.00		93.6	70-130			
1,1,1-Trichloroethane	4.61				5.00		92.2	70-130			
1,1,2-Trichloroethane	4.53				5.00		90.6	70-130			
Trichloroethylene	4.56				5.00		91.2	70-130			
Trichlorofluoromethane (Freon 11)	6.35				5.00		127	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.97				5.00		119	70-130			
1,2,4-Trimethylbenzene	4.93				5.00		98.5	70-130			
1,3,5-Trimethylbenzene	5.06				5.00		101	70-130			
Vinyl Acetate	4.04				5.00		80.9	70-130			
Vinyl Chloride	4.23				5.00		84.6	70-130			
m&p-Xylene	9.73				10.0		97.3	70-130			
o-Xylene	4.83				5.00		96.7	70-130			
Surrogate: 4-Bromofluorobenzene (1)	*9.98*				*8.00*		*125*	*70-130*			

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Note: Blank Subtraction is not performed unless otherwise noted

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
RL	Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
LCS Dup	Duplicate Laboratory Control Sample
MS	Matrix Spike Sample
MS Dup	Duplicate Matrix Spike Sample
REC	Recovery
QC	Quality Control
ppbv	Parts per billion volume
EPA	United States Environmental Protection Agency
% REC	Percent Recovery
ND	Not Detected
N/A	Not Applicable
DL	Detection Limit
NC	Not Calculated
LFB/LCS	Lab Fortified Blank/Lab Control Sample
ORP	Oxidation-Reduction Potential
wet	Not dry weight corrected
% wt	Percent weight
Kg	Kilogram
g	Gram
mg	Milligram
µg	Microgram
ng	Nanogram
L	Liter
mL	Milliliter
µL	Microliter
m3	Cubic Meter
EPH	Extractable Petroleum Hydrocarbons
VPH	Volatile Petroleum Hydrocarbons
APH	Air Petroleum Hydrocarbons
FID	Flame Ionization Detector
PID	Photo Ionization Detector
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S076501-ICV1)			Lab File ID: G22A256016.D			Analyzed: 09/13/22 22:00			
Bromochloromethane (1)	1141026	8.307	1141026	8.307	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2751702	10.081	2751702	10.081	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2471195	14.446	2471195	14.446	100	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S082839-CCV1)			Lab File ID: G23A033004.D			Analyzed: 02/02/23 14:00			
Bromochloromethane (1)	1028787	8.301	1028787	8.301	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2673848	10.075	2673848	10.075	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2409540	14.44	2409540	14.44	100	60 - 140	0.0000	+/-0.50	
LCS (B330682-BS1)			Lab File ID: G23A033005.D			Analyzed: 02/02/23 14:40			
Bromochloromethane (1)	980872	8.301	1028787	8.301	95	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2486823	10.075	2673848	10.075	93	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2231634	14.44	2409540	14.44	93	60 - 140	0.0000	+/-0.50	
Blank (B330682-BLK1)			Lab File ID: G23A033008.D			Analyzed: 02/02/23 16:48			
Bromochloromethane (1)	712959	8.307	1028787	8.301	69	60 - 140	0.0060	+/-0.50	
1,4-Difluorobenzene (1)	2058991	10.075	2673848	10.075	77	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2088366	14.44	2409540	14.44	87	60 - 140	0.0000	+/-0.50	
SV-16-1.18.23 (23A2216-04)			Lab File ID: G23A033017.D			Analyzed: 02/02/23 23:49			
Bromochloromethane (1)	650615	8.301	1028787	8.301	63	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1978068	10.075	2673848	10.075	74	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1871662	14.44	2409540	14.44	78	60 - 140	0.0000	+/-0.50	
SV-18-1.18.23 (23A2216-01)			Lab File ID: G23A033024.D			Analyzed: 02/03/23 05:26			
Bromochloromethane (1)	760958	8.301	1028787	8.301	74	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2104689	10.075	2673848	10.075	79	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1955412	14.44	2409540	14.44	81	60 - 140	0.0000	+/-0.50	
DUP-1.18.23 (23A2216-02)			Lab File ID: G23A033026.D			Analyzed: 02/03/23 07:15			
Bromochloromethane (1)	680334	8.301	1028787	8.301	66	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1950814	10.075	2673848	10.075	73	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1832326	14.44	2409540	14.44	76	60 - 140	0.0000	+/-0.50	
DUP-1.18.23 (23A2216-02RE1)			Lab File ID: G23A033027.D			Analyzed: 02/03/23 08:09			
Bromochloromethane (1)	661231	8.301	1028787	8.301	64	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1902571	10.075	2673848	10.075	71	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1777619	14.44	2409540	14.44	74	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S082984-CCV1)			Lab File ID: G23A037004.D			Analyzed: 02/06/23 12:50			
Bromochloromethane (1)	911255	8.3	911255	8.3	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2950743	10.075	2950743	10.075	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2618917	14.44	2618917	14.44	100	60 - 140	0.0000	+/-0.50	
LCS (B330948-BS1)			Lab File ID: G23A037005.D			Analyzed: 02/06/23 13:30			
Bromochloromethane (1)	885263	8.301	911255	8.3	97	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	2784756	10.075	2950743	10.075	94	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2477733	14.44	2618917	14.44	95	60 - 140	0.0000	+/-0.50	
Blank (B330948-BLK1)			Lab File ID: G23A037010.D			Analyzed: 02/06/23 16:57			
Bromochloromethane (1)	797166	8.307	911255	8.3	87	60 - 140	0.0070	+/-0.50	
1,4-Difluorobenzene (1)	2459628	10.075	2950743	10.075	83	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2227632	14.44	2618917	14.44	85	60 - 140	0.0000	+/-0.50	
OA-1.18.23 (23A2216-03)			Lab File ID: G23A037012.D			Analyzed: 02/06/23 18:33			
Bromochloromethane (1)	788751	8.307	911255	8.3	87	60 - 140	0.0070	+/-0.50	
1,4-Difluorobenzene (1)	2399325	10.075	2950743	10.075	81	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1968185	14.44	2618917	14.44	75	60 - 140	0.0000	+/-0.50	
SV-15-1.18.23 (23A2216-05)			Lab File ID: G23A037013.D			Analyzed: 02/06/23 19:23			
Bromochloromethane (1)	825753	8.301	911255	8.3	91	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	2558185	10.075	2950743	10.075	87	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2158018	14.44	2618917	14.44	82	60 - 140	0.0000	+/-0.50	
SV-17-1.18.23 (23A2216-06)			Lab File ID: G23A037014.D			Analyzed: 02/06/23 20:14			
Bromochloromethane (1)	839096	8.301	911255	8.3	92	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	2626853	10.075	2950743	10.075	89	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2033271	14.44	2618917	14.44	78	60 - 140	0.0000	+/-0.50	
SV-16-1.18.23 (23A2216-04RE1)			Lab File ID: G23A037016.D			Analyzed: 02/06/23 21:44			
Bromochloromethane (1)	764193	8.307	911255	8.3	84	60 - 140	0.0070	+/-0.50	
1,4-Difluorobenzene (1)	2326374	10.075	2950743	10.075	79	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1760990	14.44	2618917	14.44	67	60 - 140	0.0000	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S082839-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	3.92	1.084004	0.8492362		-21.7	30
Acrolein	A	5.00	3.07	0.2764168	0.1695853		-38.6	30 *
Benzene	A	5.00	4.54	0.9129288	0.8285324		-9.2	30
Benzyl chloride	A	5.00	4.97	1.030942	1.024603		-0.6	30
Bromodichloromethane	A	5.00	4.57	0.6953811	0.63609		-8.5	30
Bromoform	A	5.00	5.17	0.5656468	0.5849402		3.4	30
Bromomethane	A	5.00	3.58	0.6009459	0.4308282		-28.3	30
1,3-Butadiene	A	5.00	3.54	0.5443004	0.3857483		-29.1	30
2-Butanone (MEK)	A	5.00	4.54	1.507683	1.369954		-9.1	30
Carbon Disulfide	A	5.00	4.97	2.02748	2.015587		-0.6	30
Carbon Tetrachloride	A	5.00	5.10	0.5479998	0.5591438		2.0	30
Chlorobenzene	A	5.00	4.56	0.8809329	0.804186		-8.7	30
Chloroethane	A	5.00	3.17	0.3452967	0.2191427		-36.5	30 *
Chloroform	A	5.00	5.01	1.561184	1.563897		0.2	30
Chloromethane	A	5.00	3.94	0.6821899	0.5368513		-21.3	30
Cyclohexane	A	5.00	4.52	0.3600845	0.3257879		-9.5	30
Dibromochloromethane	A	5.00	4.98	0.6396581	0.6377523		-0.3	30
1,2-Dibromoethane (EDB)	A	5.00	4.50	0.6171207	0.5550291		-10.1	30
1,2-Dichlorobenzene	A	5.00	4.80	0.6937094	0.6660086		-4.0	30
1,3-Dichlorobenzene	A	5.00	5.20	0.7409581	0.770474		4.0	30
1,4-Dichlorobenzene	A	5.00	5.12	0.7218155	0.7384872		2.3	30
Dichlorodifluoromethane (Freon 12)	A	5.00	5.03	1.62808	1.637067		0.6	30
1,1-Dichloroethane	A	5.00	4.97	1.342742	1.333861		-0.7	30
1,2-Dichloroethane	A	5.00	5.01	0.9627523	0.964922		0.2	30
1,1-Dichloroethylene	A	5.00	4.81	1.140142	1.097574		-3.7	30
cis-1,2-Dichloroethylene	A	5.00	4.67	0.9670963	0.9034453		-6.6	30
trans-1,2-Dichloroethylene	A	5.00	4.75	1.001825	0.9524413		-4.9	30
1,2-Dichloropropane	A	5.00	4.46	0.3567989	0.3185779		-10.7	30
cis-1,3-Dichloropropene	A	5.00	4.46	0.5092852	0.4537305		-10.9	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 1	A	5.00	4.57	1.73998	1.591732		-8.5	30
1,4-Dioxane	A	5.00	4.34	0.1857641	0.1613148		-13.2	30
Ethanol	A	5.00	2.72	0.2343264	0.127266		-45.7	30 *
Ethyl Acetate	A	5.00	5.33	0.2308163	0.2460373		6.6	30
Ethylbenzene	A	5.00	4.61	1.455024	1.341969		-7.8	30
4-Ethyltoluene	A	5.00	4.84	1.413771	1.368039		-3.2	30
Heptane	A	5.00	4.51	0.2850308	0.2571353		-9.8	30
Hexachlorobutadiene	A	5.00	5.13	0.4677459	0.4799675		2.6	30
Hexane	A	5.00	5.11	0.8985394	0.8620264		2.2	30

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

CONTINUING CALIBRATION CHECK

EPA TO-15

S082839-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	4.32	0.7712864	0.6664396		-13.6	30
Isopropanol	A	5.00	3.27	1.338902	0.8761728		-34.6	30 *
Methyl tert-Butyl Ether (MTBE)	A	5.00	4.81	1.834723	1.766481		-3.7	30
Methylene Chloride	A	5.00	4.17	0.9597215	0.8007628		-16.6	30
4-Methyl-2-pentanone (MIBK)	A	5.00	4.34	0.7726854	0.6705015		-13.2	30
Naphthalene	A	5.00	4.34	1.092246	0.9491425		-13.1	30
Propene	A	5.00	4.33	0.5941328	0.5144388		-13.4	30
Styrene	A	5.00	4.64	0.7890752	0.7325587		-7.2	30
1,1,2,2-Tetrachloroethane	A	5.00	4.42	0.9851261	0.8712408		-11.6	30
Tetrachloroethylene	A	5.00	4.90	0.457194	0.4485072		-1.9	30
Tetrahydrofuran	A	5.00	4.75	0.2957092	0.2811622		-4.9	30
Toluene	A	5.00	4.47	1.15399	1.032407		-10.5	30
1,2,4-Trichlorobenzene	A	5.00	4.25	0.4973623	0.4224933		-15.1	30
1,1,1-Trichloroethane	A	5.00	4.70	0.5975698	0.5621998		-5.9	30
1,1,2-Trichloroethane	A	5.00	4.51	0.4162703	0.3754742		-9.8	30
Trichloroethylene	A	5.00	4.58	0.3947958	0.3618031		-8.4	30
Trichlorofluoromethane (Freon 11)	A	5.00	4.61	1.463327	1.349151		-7.8	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	A	5.00	4.96	1.432547	1.421044		-0.8	30
1,2,4-Trimethylbenzene	A	5.00	4.87	1.156019	1.125114		-2.7	30
1,3,5-Trimethylbenzene	A	5.00	4.93	1.190388	1.173279		-1.4	30
Vinyl Acetate	A	5.00	3.96	1.986739	1.574853		-20.7	30
Vinyl Chloride	A	5.00	4.18	0.7142115	0.5976545		-16.3	30
m&p-Xylene	A	10.0	9.66	1.129066	1.091003		-3.4	30
o-Xylene	A	5.00	4.80	1.138955	1.092677		-4.1	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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CONTINUING CALIBRATION CHECK

EPA TO-15

S082984-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	4.74	1.084004	1.028247		-5.1	30
Acrolein	A	5.00	3.72	0.2764168	0.2058278		-25.5	30
Benzene	A	5.00	3.98	0.9129288	0.7266715		-20.4	30
Benzyl chloride	A	5.00	4.58	1.030942	0.9451046		-8.3	30
Bromodichloromethane	A	5.00	4.15	0.6953811	0.5774036		-17.0	30
Bromoform	A	5.00	5.46	0.5656468	0.6173373		9.1	30
Bromomethane	A	5.00	4.77	0.6009459	0.5734649		-4.6	30
1,3-Butadiene	A	5.00	3.64	0.5443004	0.3960727		-27.2	30
2-Butanone (MEK)	A	5.00	4.37	1.507683	1.316765		-12.7	30
Carbon Disulfide	A	5.00	5.14	2.02748	2.085918		2.9	30
Carbon Tetrachloride	A	5.00	4.99	0.5479998	0.5470703		-0.2	30
Chlorobenzene	A	5.00	4.52	0.8809329	0.7961318		-9.6	30
Chloroethane	A	5.00	4.06	0.3452967	0.2804747		-18.8	30
Chloroform	A	5.00	5.64	1.561184	1.761409		12.8	30
Chloromethane	A	5.00	3.47	0.6821899	0.4733937		-30.6	30 *
Cyclohexane	A	5.00	4.06	0.3600845	0.292626		-18.7	30
Dibromochloromethane	A	5.00	5.00	0.6396581	0.6401944		0.08	30
1,2-Dibromoethane (EDB)	A	5.00	4.33	0.6171207	0.5345202		-13.4	30
1,2-Dichlorobenzene	A	5.00	4.88	0.6937094	0.6764445		-2.5	30
1,3-Dichlorobenzene	A	5.00	5.39	0.7409581	0.7981858		7.7	30
1,4-Dichlorobenzene	A	5.00	5.28	0.7218155	0.762287		5.6	30
Dichlorodifluoromethane (Freon 12)	A	5.00	5.16	1.62808	1.680908		3.2	30
1,1-Dichloroethane	A	5.00	5.11	1.342742	1.372909		2.2	30
1,2-Dichloroethane	A	5.00	5.78	0.9627523	1.112458		15.5	30
1,1-Dichloroethylene	A	5.00	5.07	1.140142	1.15547		1.3	30
cis-1,2-Dichloroethylene	A	5.00	4.99	0.9670963	0.9644844		-0.3	30
trans-1,2-Dichloroethylene	A	5.00	4.98	1.001825	0.9982558		-0.4	30
1,2-Dichloropropane	A	5.00	3.65	0.3567989	0.2606725		-26.9	30
cis-1,3-Dichloropropene	A	5.00	3.87	0.5092852	0.3945366		-22.5	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 1	A	5.00	4.82	1.73998	1.679147		-3.5	30
1,4-Dioxane	A	5.00	3.80	0.1857641	0.1411663		-24.0	30
Ethanol	A	5.00	3.36	0.2343264	0.15739		-32.8	30 *
Ethyl Acetate	A	5.00	5.24	0.2308163	0.2418555		4.8	30
Ethylbenzene	A	5.00	4.36	1.455024	1.268961		-12.8	30
4-Ethyltoluene	A	5.00	4.76	1.413771	1.344757		-4.9	30
Heptane	A	5.00	3.78	0.2850308	0.2151762		-24.5	30
Hexachlorobutadiene	A	5.00	5.81	0.4677459	0.543559		16.2	30
Hexane	A	5.00	5.24	0.8985394	0.8843277		4.8	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S082984-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
2-Hexanone (MBK)	A	5.00	3.53	0.7712864	0.5445017		-29.4	30	
Isopropanol	A	5.00	3.94	1.338902	1.055079		-21.2	30	
Methyl tert-Butyl Ether (MTBE)	A	5.00	5.27	1.834723	1.933801		5.4	30	
Methylene Chloride	A	5.00	4.02	0.9597215	0.7722537		-19.5	30	
4-Methyl-2-pentanone (MIBK)	A	5.00	3.41	0.7726854	0.5263499		-31.9	30	*
Naphthalene	A	5.00	4.16	1.092246	0.9083969		-16.8	30	
Propene	A	5.00	3.92	0.5941328	0.4662809		-21.5	30	
Styrene	A	5.00	4.49	0.7890752	0.7089587		-10.2	30	
1,1,2,2-Tetrachloroethane	A	5.00	3.96	0.9851261	0.7799346		-20.8	30	
Tetrachloroethylene	A	5.00	5.23	0.457194	0.4785697		4.7	30	
Tetrahydrofuran	A	5.00	4.93	0.2957092	0.2917453		-1.3	30	
Toluene	A	5.00	4.24	1.15399	0.9797076		-15.1	30	
1,2,4-Trichlorobenzene	A	5.00	4.44	0.4973623	0.4420991		-11.1	30	
1,1,1-Trichloroethane	A	5.00	4.52	0.5975698	0.5408476		-9.5	30	
1,1,2-Trichloroethane	A	5.00	4.22	0.4162703	0.3511338		-15.6	30	
Trichloroethylene	A	5.00	4.28	0.3947958	0.3380236		-14.4	30	
Trichlorofluoromethane (Freon 11)	A	5.00	6.13	1.463327	1.794438		22.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	A	5.00	5.69	1.432547	1.630077		13.8	30	
1,2,4-Trimethylbenzene	A	5.00	4.80	1.156019	1.109001		-4.1	30	
1,3,5-Trimethylbenzene	A	5.00	4.95	1.190388	1.177489		-1.1	30	
Vinyl Acetate	A	5.00	3.73	1.986739	1.480429		-25.5	30	
Vinyl Chloride	A	5.00	4.01	0.7142115	0.5727099		-19.8	30	
m&p-Xylene	A	10.0	9.31	1.129066	1.051512		-6.9	30	
o-Xylene	A	5.00	4.60	1.138955	1.048174		-8.0	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA,NY,ME,NH
Acrolein	AIHA,NJ,NY,NH
Benzene	AIHA,FL,NJ,NY,ME,NH,VA
Benzyl chloride	AIHA,FL,NJ,NY,ME,NH,VA
Bromodichloromethane	AIHA,NJ,NY,ME,NH,VA
Bromoform	AIHA,NJ,NY,ME,NH,VA
Bromomethane	AIHA,FL,NJ,NY,ME,NH
1,3-Butadiene	AIHA,NJ,NY,ME,NH,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,ME,NH,VA
Carbon Disulfide	AIHA,NJ,NY,ME,NH,VA
Carbon Tetrachloride	AIHA,FL,NJ,NY,ME,NH,VA
Chlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Chloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Chloroform	AIHA,FL,NJ,NY,ME,NH,VA
Chloromethane	AIHA,FL,NJ,NY,ME,NH,VA
Cyclohexane	AIHA,NJ,NY,ME,NH,VA
Dibromochloromethane	AIHA,NY,ME,NH
1,2-Dibromoethane (EDB)	AIHA,NJ,NY,ME,NH
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
1,3-Dichlorobenzene	AIHA,NJ,NY,ME,NH
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY,ME,NH
1,1-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,ME,NH,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,ME,NH,VA
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	AIHA,NJ,NY,ME,NH,VA
1,4-Dioxane	AIHA,NJ,NY,ME,NH,VA
Ethanol	AIHA
Ethyl Acetate	AIHA
Ethylbenzene	AIHA,FL,NJ,NY,ME,NH,VA
4-Ethyltoluene	AIHA
Heptane	AIHA,NJ,NY,ME,NH,VA
Hexachlorobutadiene	AIHA,NJ,NY,ME,NH,VA
Hexane	AIHA,FL,NJ,NY,ME,NH,VA
2-Hexanone (MBK)	AIHA
Isopropanol	AIHA,NY,ME,NH
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,ME,NH,VA
Methylene Chloride	AIHA,FL,NJ,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY,ME,NH
Naphthalene	NY,ME,NH
Propene	AIHA
Styrene	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Tetrachloroethylene	AIHA,FL,NJ,NY,ME,NH,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Tetrahydrofuran	AIHA
Toluene	AIHA,FL,NJ,NY,ME,NH,VA
1,2,4-Trichlorobenzene	AIHA,NJ,NY,ME,NH,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Trichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY,ME,NH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	AIHA,NJ,NY,ME,NH,VA
1,2,4-Trimethylbenzene	AIHA,NJ,NY,ME,NH
1,3,5-Trimethylbenzene	AIHA,NJ,NY,ME,NH
Vinyl Acetate	AIHA,FL,NJ,NY,ME,NH,VA
Vinyl Chloride	AIHA,FL,NJ,NY,ME,NH,VA
m&p-Xylene	AIHA,FL,NJ,NY,ME,NH,VA
o-Xylene	AIHA,FL,NJ,NY,ME,NH,VA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO 17025:2017	100033	03/1/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
NJ	New Jersey DEP	MA007 NELAP	06/30/2023
FL	Florida Department of Health	E871027 NELAP	06/30/2023
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2023

Canister Batch 28120

Leak Check 10/31/2022 2:00:00 PM

	Can ID	Initial Pressure	Final Pressure	Pass/Fail
1	PACE0093	30	30	Pass
2	PACE0127	30	30	Pass
3	PACE0720	30	30	Pass
4	PACE1602	30	30	Pass
5	PACE2040	30	30	Pass
6	PACE2184	30	30	Pass
7	PACE2316	30	30	Pass
8	PACE2681	30	30	Pass
9	PACE4022	30	30	Pass
10	PACE4025	30	30	Pass
	Acceptance Criteria +/- 2 psi change over a 24 hour period			

Can Cleaning Information

Start 11/1/2022 3:34:33 PM
End

Can ID for Certification	PACE4022
Data File	10AIRB/30804
Certification Level	Low Level (0.1 - 0.2 ppbv)

Canister Batch 28122

Leak Check 10/31/2022 2:00:00 PM

	Can ID	Initial Pressure	Final Pressure	Pass/Fail
1	PACE0956	30	30	Pass
2	PACE2028	30	30	Pass
3	PACE2065	30	30	Pass
4	PACE2089	30	30	Pass
5	PACE2124	30	30	Pass
6	PACE2164	30	30	Pass
7	PACE2807	30	30	Pass
8	PACE3204	30	30	Pass
9	PACE3435	30	30	Pass
10	PACE3556	30	30	Pass
	Acceptance Criteria +/- 2 psi change over a 24 hour period			

Can Cleaning Information

Start 11/1/2022 3:36:12 PM

End

Can ID for Certification	PACE2124
Data File	10AIRH/308-05
Certification Level	Low Level (0.1 - 0.2 ppbv)

Canister Batch 28513

Leak Check 12/26/2022 2:00:00 PM

	Can ID	Initial Pressure	Final Pressure	Pass/Fail
1	PACE1375	30	30	Pass
2	PACE1398	30	30	Pass
3	PACE1796	30	30	Pass
4	PACE2253	30	30	Pass
5	PACE2287	30	30	Pass
6	PACE2547	30	30	Pass
7	PACE3072	30	30	Pass
8	PACE3077	30	30	Pass
9	PACE3810	30	30	Pass
10	PACE4032	30	30	Pass
	Acceptance Criteria +/- 2 psi change over a 24 hour period			

Can Cleaning Information

Start 12/27/2022 10:56:31 AM
End 12/28/2022 11:50:00 AM

Can ID for Certification	PACE2547
Data File	10AIRI/362-8
Certification Level	Other

Canister Batch 28568

Leak Check 1/4/2023 2:00:00 PM

	Can ID	Initial Pressure	Final Pressure	Pass/Fail
1	PACE0887	30	30	Pass
2	PACE2876	30	30	Pass
3	PACE2975	30	30	Pass
4	PACE3021	30	30	Pass
5	PACE3044	30	30	Pass
6	PACE3116	30	30	Pass
7	PACE3120	30	30	Pass
8	PACE3137	30	30	Pass
9	PACE3141	30	30	Pass
10	PACE4096	30	30	Pass
	Acceptance Criteria +/- 2 psi change over a 24 hour period			

Can Cleaning Information

Start 1/5/2023 3:21:08 PM
End 1/7/2023 10:37:00 AM

Can ID for Certification	PACE3120
Data File	10AIRJ/6-16
Certification Level	Low Level (0.1 - 0.2 ppbv)

Canister Batch 28586

Leak Check 1/6/2023 2:00:00 PM

	Can ID	Initial Pressure	Final Pressure	Pass/Fail
1	PACE0573	30	30	Pass
2	PACE0693	30	30	Pass
3	PACE0839	30	30	Pass
4	PACE1069	30	30	Pass
5	PACE1554	30	30	Pass
6	PACE1605	30	30	Pass
7	PACE1706	30	30	Pass
8	PACE2109	30	30	Pass
9	PACE3590	30	30	Pass
10	PACE3642	30	30	Pass
	Acceptance Criteria +/- 2 psi change over a 24 hour period			

Can Cleaning Information

Start 1/7/2023 2:11:00 PM
End 1/8/2023 10:33:00 AM

Can ID for Certification	PACE2109
Data File	10AIRJ/8-14
Certification Level	Low Level (0.1 - 0.2 ppbv)

Canister Batch 28599

Leak Check 1/9/2023 2:00:00 PM

	Can ID	Initial Pressure	Final Pressure	Pass/Fail
1	PACE0901	30	30	Pass
2	PACE2450	30	30	Pass
3	PACE2496	30	30	Pass
4	PACE2503	30	30	Pass
5	PACE2785	30	30	Pass
6	PACE2878	30	30	Pass
7	PACE3071	30	30	Pass
8	PACE3243	30	30	Pass
9	PACE3250	30	30	Pass
10	PACE4037	30	30	Pass
	Acceptance Criteria +/- 2 psi change over a 24 hour period			

Can Cleaning Information

Start 1/10/2023 2:39:44 PM
End

Can ID for Certification	PACE4037
Data File	10AIRK/001105
Certification Level	Low Level (0.1 - 0.2 ppbv)

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23A2216

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:

Company: HRP Associates, Inc.
Address: 1 Fairchild Square, Suite 110 Clifton Park, NY
Email To: patrick.montuori@hrpassociates.com
Phone: 518-877-7101 Fax:
Requested Due Date/TAT: Today

Section B Required Project Information:

Report To: Patrick Montuori
Copy To: hrpassociates.com
Purchase Order No.:
Project Name: 473 President St Offsite
Project Number: DEC1035.P2

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #:

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: NY

Reporting Units: µg/m³ mg/m³ PPBV PPMV Other

Report Level: II. III. IV. Other

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	'Section D Required Client Information: AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)		MEDIA CODE	PID Reading (Client only)	COLLECTED: COMPOSITE START END/GRAB DATE	COLLECTED: COMPOSITE START END/GRAB TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C: Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	SV-18-1.18.23		1LC		1/18/23	8:23	1/18/23	9:55	-30	-8	28716	08 53							/			
2	DUP-1.18.23		1LC		1/18/23	8:23	1/18/23	9:55	-30	-8	31160	0853							/			
3	OA-1.18.23		1LC		1/18/23	8:25	1/18/23	9:50	-30	-9	24500	0261 8							/			
4	SV-16-1.18.23		1LC		1/18/23	8:40	1/18/23	10:05	-30	-7	30777	00216							/			
5	SV-15-1.18.23		1LC		1/18/23	8:50	1/18/23	10:07	-30	-9	27857	00231							/			
6	SV-17-1.18.23		1LC		1/18/23	9:03	1/18/23	10:08	-28	-9	31370	0,1 090							/			
7	447-21-B-SS	*	6LC		1/18/23	11:19	1/19	1054	80	6	34949	02151							/			
8	447-21-B-IA	*	6LC		1/18	11:19	1/19	1017	26	0	16180	02477							/			
9	447-21-FT-IA	*	6LC		1/18	11:32	1/19	832	30	7	65710	03230							/			
10	447-25-B-SS	*	6LC		1/18	1220	1/19	1041	15	5	01270	02014							/			
11	447-25-B-IA	*	6LC		1/18	1220	1/19	1042	30	6	16070	02123							/			
12	447-25-FT-IA	*	6LC		1/18/23	1158	1/19/23	1043	30	7	12432	1358							/			

Comments:

Please Provide CAT B Report

*Hold Sample

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	1/20/23	1426		1-20-23	16:26
	1.23.23	1230		1/23/23	1430
	1/23/23	1610		1/23/23	1610

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Sarah Lyall

SIGNATURE of SAMPLER: Sarah Lyall

DATE Signed (MM / DD / YY): 01/19/23

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:

Company: HRP Associates, Inc.
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Phone: Fax:
Requested Due Date/TAT:

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Report To:
Copy To: SAME
Purchase Order No.:
Project Name: 473 President St. Offsite
Project Number: DEC1035.P2

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #:

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: NY

Reporting Units: ug/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level: II. ___ III. ___ IV. ___ Other ___

ITEM #	Section D Required Client Information: AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)		MEDIA CODE	PID Reading (Client only)	COLLECTED: COMPOSITE START / GRAB DATE	COLLECTED: COMPOSITE START / GRAB TIME	COLLECTED: COMPOSITE END DATE	COLLECTED: COMPOSITE END TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C: Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	433-9-B-SS	*	GAC		1/19	1009	1/20	810	13	6	3935	02105							/			
2	433-9-B-IA	*	GAC		1/19	1010	1/20	810	29	5	3923	02094							/			
3	433-9-FI-IA1	*	GAC		1/19	1020	1/20	8:23	30	-6	2028	00313							/			
4	433-9-FI-IA2	*	GAC		1/19	1021	1/20	825	30	6	1605	02149							/			
5	477-24-B-IA	*	GAC		1/19	1129	1/20	1011	30	7	1288	02169							/			
6	477-24-FI-IA	*	GAC		1/19	1132	1/20	1010	12	5	0581	02139							/			
7	477-24-B-SS	*	GAC		1/19	1150	1/20	1013	30	8	2813	01259							/			
8	477-24-B-SS-Dup	*	GAC		1/19	1150	1/20	1013	30	8	0352	01259							/			
9	447-B-B-SS		GAC		1/19	1258	1/20	1100	30	10	3058	02917							/			
10	447-13-B-IA		GAC		1/19	1258	1/20	1100	28	10	3673	01259							/			
11	447-13-FI-IA		GAC		1/19	1300	1/20	1103	28	7	3044	01166							/			
12	OA-4-01.19.23	*	GAC		1/19	1026	1/20	815	17	4	1706	02010							/			

Valid Media Codes: Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Puff LVP; High Volume Puff HVP; Other PM10

Comments:

Please provide CATB Report

* Hold Sample

Run: 447-13-B-SS OA-SD
447-13-B-IA
447-13-FI-IA

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Sarah Dyal	1/20/23	1426		1-20-23	1626
[signature] per S.D.	1.23.23	1400	Chad Lung	1/23/23	1430
Chad Lung	1/23/23	1610			

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Sarah Dyal

SIGNATURE of SAMPLER: Sarah Dyal DATE Signed (MM/DD/YY): 1/20/23

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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Copy To: SAME
Purchase Order No.:
Project Name: 473 President St
Project Number: DEC1055.P2

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #:

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

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Reporting Units: ug/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level: II. ___ III. ___ IV. ___ Other ___

'Section D Required Client Information

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	TIME	COMPOSITE - DATE	TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C: Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	432-25-B-IA1 *	6LC		1/19/23	1420	1/20	1116	30	9	2019	020036							/			
2	432-25-B-IA2 *	6LC		1/19	1420	1/20	1117	30	7	0202	019035							/			
3	432-25-B-SS2 *	6LC		1/19	1441	1/20	1117	18	5	0689	019033							/			
4	432-25-F1-IA *	6LC		1/19	1435	1/20	1114	23	8	0309	021001							/			
5	432-25-F2-IA *	6LC		1/19	1438	1/20	1123	30	7	1258	019883							/			
6	432-25-SS1 *	6LC		1/19	1432	1/20	1116	12	5	3587	021013							/			
7																					
8	OA-5_1.19.23	6LC		1/19	11:38	1/20	1014	29	8	2316	020023							/			
9																					
10																					
11																					
12																					

Comments:

Start time 432-25-B-IA1 = 1420
432-25-B-IA2 = 1424
Please provide CATB Report
* Hold
Run OA-5_1.19.23

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	1/20/23	4:26		1-20-23	16 26
	1/23/23	1430		1/23/23	1430
	1/23/23	1610			

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Sarah Dyal
SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 1/20/23

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.pacelabs.com

Pace PEOPLE ADVANCING SCIENCE

Doc# 278 Rev 7 July 2022

Air Media Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client NRP

Received By	LR		Date	1/23		Time	1610
How Were the samples received?	In Cooler		On Ice			No Ice	
	In Box	T	Ambient			Melted Ice	
Were samples within Tempurature Compliance?	Within 2-6°C		By Gun #			Actual Temp -	
			By Blank #			Actual Temp -	
Was Custody Seal In tact?		NA	Were Samples Tampered with?				NA
Was COC Relinquished ?		T	Does Chain Agree With Samples?				T
Are there any loose caps/valves on any samples?		F					
Is COC in ink/ Legible?	T		Were samples received within holding time?				T
Did COC Include all Pertinent Information?	Client?	T	Analysis?	T		Sampler Name?	T
	Project?	T	ID's?	T		Collection Dates/Times?	T
Are Sample Labels filled out and legible?							
Are there Rushes?	F		Who was notified?				
Samples are received within holding time?		T					
Proper Media Used?	T		Individually Certified Cans?				F
Are there Trip Blanks?	F		Is there enough Volume?				T

Containers:	#	Size	Regulator	Duration	Accessories:			
Summa Cans	31	1L/6L			Nut/Ferrule		IC Train	
Tedlar Bags					Tubing			
TO-17 Tubes					T-Connector		Shipping Charges	
Radiello					Syringe			
Pufs/TO-11s					Tedlar			

Can #'s					Reg #'s				
2876	3149	3423	1706	2316					
3116	1618	2029	2019						
2450	0521	1665	0262						
3077	0127	1288	0685						
2285	1607	0581	0309						
3137	1243	2813	1258						
	3135	0352	3587						
Unused Media					**Pufs/TO-17's**				
2658									
2377									
1768									

Comments:

Samples 1147-13-BS
1147-13-B-IA
1147-13-A1-IA not received

ATTACHMENT E
Data Usability Summary Reports

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 24A1385
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: June 1, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-WL-8_0.5 FT BG	24A1385-01	Soil
2	SB-WL-8_1.0 FT BG	24A1385-02	Soil
4	SB-WL-8_2.0 FT BG	24A1385-04	Soil
6	SB-WL-8_3.0 FT BG	24A1385-06	Soil
8	SB-WL-8_4.0 FT BG	24A1385-08	Soil
10	SB-WL-8_5.0 FT BG	24A1385-10	Soil
10MS	SB-WL-8_5.0 FT BGMS	24A1385-10MS	Soil
10MSD	SB-WL-8_5.0 FT BGMSD	24A1385-10MSD	Soil
11	DUP-1	24A1385-11	Soil

A Data Usability Summary Review was performed on the analytical data for seven soil samples collected on January 12, 2024 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) "Test Methods for the Evaluation of Solid Waste, USEPA SW 846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation

- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) except for the following.

MS/MSD Sample	Compound	MS %R/MSD %R/RPD	Qualifier
10	Acetone	139%/OK/OK	None - Sample ND
	Chloromethane	67.9%/61.3%/OK	UJ
	Carbon Disulfide	OK/67.7%/OK	
	Cyclohexane	OK/67.1%/OK	
	Vinyl Chloride	OK/63.4%/OK	

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	%R/%R/RPD	Qualifier	Affected Samples
B363446-BS1	Bromomethane	188%	None	All Associated ND

Method Blank

- The method blanks were free of contamination.

Ficld Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect

results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
01/16/24 (0532)	1,2-Dibromo-3-chloropropane	21.5%	UJ	All Samples

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Field Duplicate Sample Precision

- Field duplicate sample results are summarized below.

Compound	SB-WL-8_4.0 FT BG mg/kg	DUP-1 mg/kg	RPD	Qualifier
Trichloroethylene	0.00099	0.00092	7%	None

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: _____ Dated: 6/3/24

Nancy Weaver
Senior Chemist

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

1 - FORM I
ANALYSIS DATA SHEET

SB-WL-8_0.5 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton P			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-01	File ID:	G24V01610.D
Sampled:	01/12/24 10:15	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 07:51
Solids:	89.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
67-64-1	Acetone	0.038	0.010	0.11	J
71-43-2	Benzene		0.00065	0.0022	
74-97-5	Bromochloromethane		0.00087	0.0022	
75-27-4	Bromodichloromethane		0.00058	0.0022	
75-25-2	Bromoform		0.00068	0.0022	
74-83-9	Bromomethane		0.0019	0.011	
78-93-3	2-Butanone (MEK)		0.0070	0.045	
75-15-0	Carbon Disulfide		0.0089	0.011	
56-23-5	Carbon Tetrachloride		0.00088	0.0022	
108-90-7	Chlorobenzene		0.00063	0.0022	
124-48-1	Chlorodibromomethane		0.00071	0.0011	
75-00-3	Chloroethane		0.0012	0.022	
67-66-3	Chloroform	0.0017	0.00070	0.0045	J
74-87-3	Chloromethane		0.0011	0.011	
110-82-7	Cyclohexane		0.0045	0.011	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00088	0.0022	~~V-05~~ UJ
106-93-4	1,2-Dibromoethane (EDB)		0.00085	0.0011	
95-50-1	1,2-Dichlorobenzene		0.00059	0.0022	
541-73-1	1,3-Dichlorobenzene		0.00062	0.0022	
106-46-7	1,4-Dichlorobenzene		0.00068	0.0022	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0012	0.022	
75-34-3	1,1-Dichloroethane		0.00077	0.0022	
107-06-2	1,2-Dichloroethane		0.00075	0.0022	
75-35-4	1,1-Dichloroethylene		0.00092	0.0045	
156-59-2	cis-1,2-Dichloroethylene		0.00071	0.0022	
156-60-5	trans-1,2-Dichloroethylene		0.00081	0.0022	
78-87-5	1,2-Dichloropropane		0.00069	0.0022	
10061-01-5	cis-1,3-Dichloropropene		0.00063	0.0011	
10061-02-6	trans-1,3-Dichloropropene		0.00068	0.0011	

MW 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

SB-WL-8_0.5 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-01	File ID:	G24V01610.D
Sampled:	01/12/24 10:15	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 07:51
Solids:	89.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846
				Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
123-91-1	1,4-Dioxane		0.051	0.11	
100-41-4	Ethylbenzene		0.00067	0.0022	
591-78-6	2-Hexanone (MBK)		0.0056	0.022	
98-82-8	Isopropylbenzene (Cumene)		0.00069	0.0022	
79-20-9	Methyl Acetate		0.0016	0.0022	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00075	0.0045	
108-87-2	Methyl Cyclohexane		0.00087	0.0045	
75-09-2	Methylene Chloride		0.0011	0.022	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0049	0.022	
100-42-5	Styrene		0.00055	0.0022	
79-34-5	1,1,2,2-Tetrachloroethane		0.00061	0.0011	
127-18-4	Tetrachloroethylene		0.00094	0.0022	
108-88-3	Toluene	0.0035	0.00076	0.0022	
87-61-6	1,2,3-Trichlorobenzene		0.00063	0.0022	
120-82-1	1,2,4-Trichlorobenzene		0.00068	0.0022	
71-55-6	1,1,1-Trichloroethane		0.00085	0.0022	
79-00-5	1,1,2-Trichloroethane		0.00060	0.0022	
79-01-6	Trichloroethylene	0.0016	0.00090	0.0022	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.00083	0.011	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00096	0.011	
75-01-4	Vinyl Chloride		0.00082	0.011	
1330-20-7	Xylenes (total)		0.0022	0.0022	

MW
6.1.24

1 - FORM I
ANALYSIS DATA SHEET

2

SB-WL-8_1.0 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-02	File ID:	G24V01613.D
Sampled:	01/12/24 10:20	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 09:19
Solids:	90.52	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.3 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846
				Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
67-64-1	Acetone	0.020	0.0094	0.10	J
71-43-2	Benzene		0.00061	0.0021	
74-97-5	Bromochloromethane		0.00082	0.0021	
75-27-4	Bromodichloromethane		0.00054	0.0021	
75-25-2	Bromoform		0.00064	0.0021	
74-83-9	Bromomethane		0.0018	0.010	
78-93-3	2-Butanone (MEK)		0.0065	0.042	
75-15-0	Carbon Disulfide		0.0084	0.010	
56-23-5	Carbon Tetrachloride		0.00082	0.0021	
108-90-7	Chlorobenzene		0.00058	0.0021	
124-48-1	Chlorodibromomethane		0.00066	0.0010	
75-00-3	Chloroethane		0.0012	0.021	
67-66-3	Chloroform	0.0038	0.00065	0.0042	J
74-87-3	Chloromethane		0.0010	0.010	
110-82-7	Cyclohexane		0.0042	0.010	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00083	0.0021	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.00080	0.0010	
95-50-1	1,2-Dichlorobenzene		0.00055	0.0021	
541-73-1	1,3-Dichlorobenzene		0.00058	0.0021	
106-46-7	1,4-Dichlorobenzene		0.00063	0.0021	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.021	
75-34-3	1,1-Dichloroethane		0.00071	0.0021	
107-06-2	1,2-Dichloroethane		0.00070	0.0021	
75-35-4	1,1-Dichloroethylene		0.00086	0.0042	
156-59-2	cis-1,2-Dichloroethylene		0.00066	0.0021	
156-60-5	trans-1,2-Dichloroethylene		0.00076	0.0021	
78-87-5	1,2-Dichloropropane		0.00065	0.0021	
10061-01-5	cis-1,3-Dichloropropene		0.00058	0.0010	
10061-02-6	trans-1,3-Dichloropropene		0.00064	0.0010	

MW
6/1/24

1 - FORM I
ANALYSIS DATA SHEET

2

SB-WL-8_1.0 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-02	File ID:	G24V01613.D
Sampled:	01/12/24 10:20	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 09:19
Solids:	90.52	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.3 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846
				Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL
123-91-1	1,4-Dioxane		0.047	0.10
100-41-4	Ethylbenzene		0.00062	0.0021
591-78-6	2-Hexanone (MBK)		0.0052	0.021
98-82-8	Isopropylbenzene (Cumene)		0.00065	0.0021
79-20-9	Methyl Acetate		0.0015	0.0021
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00070	0.0042
108-87-2	Methyl Cyclohexane		0.00081	0.0042
75-09-2	Methylene Chloride		0.0010	0.021
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0046	0.021
100-42-5	Styrene		0.00051	0.0021
79-34-5	1,1,2,2-Tetrachloroethane		0.00057	0.0010
127-18-4	Tetrachloroethylene		0.00088	0.0021
108-88-3	Toluene		0.00071	0.0021
87-61-6	1,2,3-Trichlorobenzene		0.00059	0.0021
120-82-1	1,2,4-Trichlorobenzene		0.00063	0.0021
71-55-6	1,1,1-Trichloroethane		0.00080	0.0021
79-00-5	1,1,2-Trichloroethane		0.00056	0.0021
79-01-6	Trichloroethylene	0.0031	0.00084	0.0021
75-69-4	Trichlorofluoromethane (Freon 11)		0.00078	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00090	0.010
75-01-4	Vinyl Chloride		0.00077	0.010
1330-20-7	Xylenes (total)		0.0021	0.0021

MW 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

4

SB-WL-8_2.0 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-04	File ID:	G24V01614.D
Sampled:	01/12/24 10:30	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 09:45
Solids:	84.65	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.1 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
67-64-1	Acetone		0.010	0.12	
71-43-2	Benzene		0.00067	0.0023	
74-97-5	Bromochloromethane		0.00091	0.0023	
75-27-4	Bromodichloromethane		0.00060	0.0023	
75-25-2	Bromoform		0.00071	0.0023	
74-83-9	Bromomethane		0.0020	0.012	
78-93-3	2-Butanone (MEK)		0.0072	0.046	
75-15-0	Carbon Disulfide		0.0093	0.012	
56-23-5	Carbon Tetrachloride		0.00091	0.0023	
108-90-7	Chlorobenzene		0.00065	0.0023	
124-48-1	Chlorodibromomethane		0.00073	0.0012	
75-00-3	Chloroethane		0.0013	0.023	
67-66-3	Chloroform		0.00073	0.0046	
74-87-3	Chloromethane		0.0011	0.012	
110-82-7	Cyclohexane		0.0047	0.012	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00092	0.0023	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.00089	0.0012	
95-50-1	1,2-Dichlorobenzene		0.00061	0.0023	
541-73-1	1,3-Dichlorobenzene		0.00064	0.0023	
106-46-7	1,4-Dichlorobenzene		0.00070	0.0023	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0012	0.023	
75-34-3	1,1-Dichloroethane		0.00079	0.0023	
107-06-2	1,2-Dichloroethane		0.00077	0.0023	
75-35-4	1,1-Dichloroethylene		0.00095	0.0046	
156-59-2	cis-1,2-Dichloroethylene		0.00074	0.0023	
156-60-5	trans-1,2-Dichloroethylene		0.00084	0.0023	
78-87-5	1,2-Dichloropropane		0.00072	0.0023	
10061-01-5	cis-1,3-Dichloropropene		0.00065	0.0012	
10061-02-6	trans-1,3-Dichloropropene		0.00071	0.0012	

61.124

1 - FORM I
ANALYSIS DATA SHEET

4

SB-WL-8_2.0 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-04	File ID:	G24V01614.D
Sampled:	01/12/24 10:30	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 09:45
Solids:	84.65	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.1 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846
				Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
123-91-1	1,4-Dioxane		0.053	0.12	
100-41-4	Ethylbenzene		0.00069	0.0023	
591-78-6	2-Hexanone (MBK)		0.0058	0.023	
98-82-8	Isopropylbenzene (Cumene)		0.00072	0.0023	
79-20-9	Methyl Acetate		0.0017	0.0023	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00078	0.0046	
108-87-2	Methyl Cyclohexane		0.00090	0.0046	
75-09-2	Methylene Chloride		0.0011	0.023	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0051	0.023	
100-42-5	Styrene		0.00057	0.0023	
79-34-5	1,1,2,2-Tetrachloroethane		0.00064	0.0012	
127-18-4	Tetrachloroethylene		0.00097	0.0023	
108-88-3	Toluene		0.00078	0.0023	
87-61-6	1,2,3-Trichlorobenzene		0.00066	0.0023	
120-82-1	1,2,4-Trichlorobenzene		0.00070	0.0023	
71-55-6	1,1,1-Trichloroethane		0.00089	0.0023	
79-00-5	1,1,2-Trichloroethane		0.00062	0.0023	
79-01-6	Trichloroethylene	0.0011	0.00093	0.0023	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.00086	0.012	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.0010	0.012	
75-01-4	Vinyl Chloride		0.00086	0.012	
1330-20-7	Xylenes (total)		0.0023	0.0023	

NW
6/1/24

1 - FORM I
ANALYSIS DATA SHEET

6

SB-WL-8_3.0 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-06	File ID:	G24V01615.D
Sampled:	01/12/24 10:40	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 10:10
Solids:	85.50	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.71 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846
				Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
67-64-1	Acetone		0.0093	0.10	
71-43-2	Benzene		0.00060	0.0020	
74-97-5	Bromochloromethane		0.00080	0.0020	
75-27-4	Bromodichloromethane		0.00053	0.0020	
75-25-2	Bromoform		0.00063	0.0020	
74-83-9	Bromomethane		0.0018	0.010	
78-93-3	2-Butanone (MEK)		0.0064	0.041	
75-15-0	Carbon Disulfide		0.0082	0.010	
56-23-5	Carbon Tetrachloride		0.00081	0.0020	
108-90-7	Chlorobenzene		0.00057	0.0020	
124-48-1	Chlorodibromomethane		0.00065	0.0010	
75-00-3	Chloroethane		0.0011	0.020	
67-66-3	Chloroform		0.00064	0.0041	
74-87-3	Chloromethane		0.0010	0.010	
110-82-7	Cyclohexane		0.0042	0.010	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	UJ	0.00081	0.0020	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.00078	0.0010	
95-50-1	1,2-Dichlorobenzene		0.00054	0.0020	
541-73-1	1,3-Dichlorobenzene		0.00057	0.0020	
106-46-7	1,4-Dichlorobenzene		0.00062	0.0020	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.020	
75-34-3	1,1-Dichloroethane		0.00070	0.0020	
107-06-2	1,2-Dichloroethane		0.00068	0.0020	
75-35-4	1,1-Dichloroethylene		0.00084	0.0041	
156-59-2	cis-1,2-Dichloroethylene		0.00065	0.0020	
156-60-5	trans-1,2-Dichloroethylene		0.00075	0.0020	
78-87-5	1,2-Dichloropropane		0.00064	0.0020	
10061-01-5	cis-1,3-Dichloropropene		0.00057	0.0010	
10061-02-6	trans-1,3-Dichloropropene		0.00062	0.0010	

NW 6.1.24

1 - FORM I
ANALYSIS DATA SHEET

b

SB-WL-8_3.0 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-06	File ID:	G24V01615.D
Sampled:	01/12/24 10:40	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 10:10
Solids:	85.50	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.71 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
123-91-1	1,4-Dioxane		0.047	0.10	
100-41-4	Ethylbenzene		0.00061	0.0020	
591-78-6	2-Hexanone (MBK)		0.0051	0.020	
98-82-8	Isopropylbenzene (Cumene)		0.00064	0.0020	
79-20-9	Methyl Acetate		0.0015	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00069	0.0041	
108-87-2	Methyl Cyclohexane		0.00080	0.0041	
75-09-2	Methylene Chloride		0.00098	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0045	0.020	
100-42-5	Styrene		0.00051	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane		0.00056	0.0010	
127-18-4	Tetrachloroethylene		0.00086	0.0020	
108-88-3	Toluene		0.00069	0.0020	
87-61-6	1,2,3-Trichlorobenzene		0.00058	0.0020	
120-82-1	1,2,4-Trichlorobenzene		0.00062	0.0020	
71-55-6	1,1,1-Trichloroethane		0.00078	0.0020	
79-00-5	1,1,2-Trichloroethane		0.00055	0.0020	
79-01-6	Trichloroethylene	0.0011	0.00082	0.0020	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.00076	0.010	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00088	0.010	
75-01-4	Vinyl Chloride		0.00076	0.010	
1330-20-7	Xylenes (total)		0.0020	0.0020	

MW
6/11/24

1 - FORM I
ANALYSIS DATA SHEET

8

SB-WL-8_4.0 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-08	File ID:	G24V01616.D
Sampled:	01/12/24 10:50	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 10:36
Solids:	85.91	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.53 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846
				Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
67-64-1	Acetone		0.0095	0.11	
71-43-2	Benzene		0.00061	0.0021	
74-97-5	Bromochloromethane		0.00082	0.0021	
75-27-4	Bromodichloromethane		0.00055	0.0021	
75-25-2	Bromoform		0.00064	0.0021	
74-83-9	Bromomethane		0.0018	0.011	
78-93-3	2-Butanone (MEK)		0.0066	0.042	
75-15-0	Carbon Disulfide		0.0084	0.011	
56-23-5	Carbon Tetrachloride		0.00083	0.0021	
108-90-7	Chlorobenzene		0.00059	0.0021	
124-48-1	Chlorodibromomethane		0.00067	0.0011	
75-00-3	Chloroethane		0.0012	0.021	
67-66-3	Chloroform		0.00066	0.0042	
74-87-3	Chloromethane		0.0010	0.011	
110-82-7	Cyclohexane		0.0043	0.011	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	UJ	0.00083	0.0021	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.00081	0.0011	
95-50-1	1,2-Dichlorobenzene		0.00056	0.0021	
541-73-1	1,3-Dichlorobenzene		0.00058	0.0021	
106-46-7	1,4-Dichlorobenzene		0.00064	0.0021	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.021	
75-34-3	1,1-Dichloroethane		0.00072	0.0021	
107-06-2	1,2-Dichloroethane		0.00070	0.0021	
75-35-4	1,1-Dichloroethylene		0.00086	0.0042	
156-59-2	cis-1,2-Dichloroethylene		0.00067	0.0021	
156-60-5	trans-1,2-Dichloroethylene		0.00077	0.0021	
78-87-5	1,2-Dichloropropane		0.00065	0.0021	
10061-01-5	cis-1,3-Dichloropropene		0.00059	0.0011	
10061-02-6	trans-1,3-Dichloropropene		0.00064	0.0011	

JW 6/12/24.

1 - FORM I
ANALYSIS DATA SHEET

8

SB-WL-8_4.0 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-08	File ID:	G24V01616.D
Sampled:	01/12/24 10:50	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 10:36
Solids:	85.91	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.53 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846
				Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
123-91-1	1,4-Dioxane		0.048	0.11	
100-41-4	Ethylbenzene		0.00063	0.0021	
591-78-6	2-Hexanone (MBK)		0.0053	0.021	
98-82-8	Isopropylbenzene (Cumene)		0.00065	0.0021	
79-20-9	Methyl Acetate		0.0015	0.0021	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00071	0.0042	
108-87-2	Methyl Cyclohexane		0.00082	0.0042	
75-09-2	Methylene Chloride		0.0010	0.021	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0047	0.021	
100-42-5	Styrene		0.00052	0.0021	
79-34-5	1,1,2,2-Tetrachloroethane		0.00058	0.0011	
127-18-4	Tetrachloroethylene		0.00089	0.0021	
108-88-3	Toluene		0.00071	0.0021	
87-61-6	1,2,3-Trichlorobenzene		0.00060	0.0021	
120-82-1	1,2,4-Trichlorobenzene		0.00064	0.0021	
71-55-6	1,1,1-Trichloroethane		0.00081	0.0021	
79-00-5	1,1,2-Trichloroethane		0.00056	0.0021	
79-01-6	Trichloroethylene	0.00099	0.00085	0.0021	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.00079	0.011	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00091	0.011	
75-01-4	Vinyl Chloride		0.00078	0.011	
1330-20-7	Xylenes (total)		0.0021	0.0021	

MW 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

10

SB-WL-8_5.0 FT BG

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-10	File ID:	G24V01609.D
Sampled:	01/12/24 11:00	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 07:25
Solids:	86.68	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.2 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
67-64-1	Acetone		0.010	0.11	
71-43-2	Benzene		0.00065	0.0022	
74-97-5	Bromochloromethane		0.00087	0.0022	
75-27-4	Bromodichloromethane		0.00058	0.0022	
75-25-2	Bromoform		0.00068	0.0022	
74-83-9	Bromomethane		0.0019	0.011	
78-93-3	2-Butanone (MEK)		0.0069	0.044	
75-15-0	Carbon Disulfide	UJ	0.0089	0.011	
56-23-5	Carbon Tetrachloride		0.00087	0.0022	
108-90-7	Chlorobenzene		0.00062	0.0022	
124-48-1	Chlorodibromomethane		0.00070	0.0011	
75-00-3	Chloroethane		0.0012	0.022	
67-66-3	Chloroform		0.00069	0.0044	
74-87-3	Chloromethane	UJ	0.0011	0.011	~~MS-07A~~
110-82-7	Cyclohexane	UJ	0.0045	0.011	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	UJ	0.00088	0.0022	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.00085	0.0011	
95-50-1	1,2-Dichlorobenzene		0.00059	0.0022	
541-73-1	1,3-Dichlorobenzene		0.00061	0.0022	
106-46-7	1,4-Dichlorobenzene		0.00067	0.0022	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.022	
75-34-3	1,1-Dichloroethane		0.00076	0.0022	
107-06-2	1,2-Dichloroethane		0.00074	0.0022	
75-35-4	1,1-Dichloroethylene		0.00091	0.0044	
156-59-2	cis-1,2-Dichloroethylene		0.00071	0.0022	
156-60-5	trans-1,2-Dichloroethylene		0.00081	0.0022	
78-87-5	1,2-Dichloropropane		0.00069	0.0022	
10061-01-5	cis-1,3-Dichloropropene		0.00062	0.0011	
10061-02-6	trans-1,3-Dichloropropene		0.00068	0.0011	

MW 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

SB-WL-8_5.0 FT BG

10

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-10	File ID:	G24V01609.D
Sampled:	01/12/24 11:00	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 07:25
Solids:	86.68	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.2 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846
				Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
123-91-1	1,4-Dioxane		0.051	0.11	
100-41-4	Ethylbenzene		0.00066	0.0022	
591-78-6	2-Hexanone (MBK)		0.0056	0.022	
98-82-8	Isopropylbenzene (Cumene)		0.00069	0.0022	
79-20-9	Methyl Acetate		0.0016	0.0022	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00075	0.0044	
108-87-2	Methyl Cyclohexane		0.00086	0.0044	
75-09-2	Methylene Chloride		0.0011	0.022	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0049	0.022	
100-42-5	Styrene		0.00055	0.0022	
79-34-5	1,1,2,2-Tetrachloroethane		0.00061	0.0011	
127-18-4	Tetrachloroethylene		0.00093	0.0022	
108-88-3	Toluene		0.00075	0.0022	
87-61-6	1,2,3-Trichlorobenzene		0.00063	0.0022	
120-82-1	1,2,4-Trichlorobenzene		0.00067	0.0022	
71-55-6	1,1,1-Trichloroethane		0.00085	0.0022	
79-00-5	1,1,2-Trichloroethane		0.00059	0.0022	
79-01-6	Trichloroethylene	0.0011	0.00089	0.0022	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.00083	0.011	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00095	0.011	
75-01-4	Vinyl Chloride		0.00082	0.011	UJ
1330-20-7	Xylenes (total)		0.0022	0.0022	

MW 6/11/24

1 - FORM I
ANALYSIS DATA SHEET

11

DUP-1

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-11	File ID:	G24V01617.D
Sampled:	01/12/24 00:00	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 11:01
Solids:	87.30	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.38 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846
				Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
67-64-1	Acetone		0.0096	0.11	
71-43-2	Benzene		0.00062	0.0021	
74-97-5	Bromochloromethane		0.00083	0.0021	
75-27-4	Bromodichloromethane		0.00056	0.0021	
75-25-2	Bromoform		0.00065	0.0021	
74-83-9	Bromomethane		0.0018	0.011	
78-93-3	2-Butanone (MEK)		0.0067	0.043	
75-15-0	Carbon Disulfide		0.0085	0.011	
56-23-5	Carbon Tetrachloride		0.00084	0.0021	
108-90-7	Chlorobenzene		0.00060	0.0021	
124-48-1	Chlorodibromomethane		0.00067	0.0011	
75-00-3	Chloroethane		0.0012	0.021	
67-66-3	Chloroform		0.00067	0.0043	
74-87-3	Chloromethane		0.0011	0.011	
110-82-7	Cyclohexane		0.0043	0.011	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	UJ	0.00084	0.0021	V-05
106-93-4	1,2-Dibromoethane (EDB)		0.00081	0.0011	
95-50-1	1,2-Dichlorobenzene		0.00056	0.0021	
541-73-1	1,3-Dichlorobenzene		0.00059	0.0021	
106-46-7	1,4-Dichlorobenzene		0.00064	0.0021	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.021	
75-34-3	1,1-Dichloroethane		0.00073	0.0021	
107-06-2	1,2-Dichloroethane		0.00071	0.0021	
75-35-4	1,1-Dichloroethylene		0.00087	0.0043	
156-59-2	cis-1,2-Dichloroethylene		0.00068	0.0021	
156-60-5	trans-1,2-Dichloroethylene		0.00078	0.0021	
78-87-5	1,2-Dichloropropane		0.00066	0.0021	
10061-01-5	cis-1,3-Dichloropropene		0.00060	0.0011	
10061-02-6	trans-1,3-Dichloropropene		0.00065	0.0011	

MJ 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

DUP-1

Laboratory:	Pace New England			Work Order:	24A1385
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Soil	Laboratory ID:	24A1385-11	File ID:	G24V01617.D
Sampled:	01/12/24 00:00	Prepared:	01/16/24 04:00	Analyzed:	01/16/24 11:01
Solids:	87.30	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.38 g / 10 mL				
Batch:	B363446	Sequence:	S099229	Calibration:	2300846
				Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	
123-91-1	1,4-Dioxane		0.049	0.11	
100-41-4	Ethylbenzene		0.00064	0.0021	
591-78-6	2-Hexanone (MBK)		0.0053	0.021	
98-82-8	Isopropylbenzene (Cumene)		0.00066	0.0021	
79-20-9	Methyl Acetate		0.0015	0.0021	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00072	0.0043	
108-87-2	Methyl Cyclohexane		0.00083	0.0043	
75-09-2	Methylene Chloride		0.0010	0.021	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0047	0.021	
100-42-5	Styrene		0.00053	0.0021	
79-34-5	1,1,2,2-Tetrachloroethane		0.00059	0.0011	
127-18-4	Tetrachloroethylene		0.00090	0.0021	
108-88-3	Toluene		0.00072	0.0021	
87-61-6	1,2,3-Trichlorobenzene		0.00060	0.0021	
120-82-1	1,2,4-Trichlorobenzene		0.00065	0.0021	
71-55-6	1,1,1-Trichloroethane		0.00081	0.0021	
79-00-5	1,1,2-Trichloroethane		0.00057	0.0021	
79-01-6	Trichloroethylene	0.00092	0.00086	0.0021	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.00079	0.011	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00092	0.011	
75-01-4	Vinyl Chloride		0.00079	0.011	
1330-20-7	Xylenes (total)		0.0021	0.0021	

MW 6/1/24

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 22J4293
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: February 17, 2023

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	HRP-MW-1_10.27.22	22J4293-01	Water
1MS	HRP-MW-1_10.27.22MS	22J4293-01MS	Water
1MSD	HRP-MW-1_10.27.22MSD	22J4293-01MSD	Water
2	DUP-1_10.27.22	22J4293-02	Water
3	FIELD BLANK_10.27.22	22J4293-03	Water
4	LAB TRIP BLANK	22J4293-04	Water

A Data Usability Summary Review was performed on the analytical data for two water samples, one aqueous field blank sample, and one aqueous trip blank sample collected on October 27, 2022 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries

- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a

low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
1	1,4-Dioxane	68.7%/OK/OK	UJ
	Trichloroethylene	186%/289%/OK	None - 4X Rule Applies
	cis-1,2-Dichloroethylene	OK/131%/OK	J

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of methylene chloride, 2-butanone, toluene or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
FIELD BLANK_10.27.22	Acetone	2.9	None	All Samples ND
	Toluene	0.40	None	
LAB TRIP BLANK	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- Several samples were analyzed at a dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

VOC				
Compound	HRP-MW-1_10.27.22 ug/L	DUP-1_10.27.22 ug/L	RPD	Qualifier
2-Butanone	4000U	440	NC	None
1,1-Dichloroethylene	30	36	18%	
Cis-1,2-Dichloroethylene	3400	3500	3%	
Methyl Cyclohexane	92	200U	NC	
Trichloroethylene	13000	14000	7%	
Vinyl Chloride	92	100	8%	

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 2/19/23

Nancy Weaver
Senior Chemist

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

con-test
A Pace Analytical® Laboratory

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: HRP-MW-1_10.27.22 Sampled: 10/27/2022 11:28

Sample ID: 22J4293-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	410	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Benzene	ND	200	40	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Bromochloromethane	ND	200	61	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Bromodichloromethane	ND	100	36	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Bromoform	ND	200	77	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Bromomethane	ND	400	310	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
2-Butanone (MEK)	ND	4000	320	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Carbon Disulfide	ND	1000	290	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Carbon Tetrachloride	ND	1000	33	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Chlorobenzene	ND	200	21	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Chlorodibromomethane	ND	100	44	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Chloroethane	ND	400	64	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Chloroform	ND	400	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Chloromethane	ND	400	100	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Cyclohexane	ND	1000	350	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	160	µg/L	200	V-05	SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2-Dibromoethane (EDB)	ND	100	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2-Dichlorobenzene	ND	200	24	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,3-Dichlorobenzene	ND	200	24	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,4-Dichlorobenzene	ND	200	26	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	400	38	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,1-Dichloroethane	ND	200	28	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2-Dichloroethane	ND	200	62	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,1-Dichloroethylene	30	200	28	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:31	MFF
cis-1,2-Dichloroethylene	J 3400	200	29	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
trans-1,2-Dichloroethylene	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2-Dichloropropane	ND	200	36	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
cis-1,3-Dichloropropene	ND	100	32	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
trans-1,3-Dichloropropene	ND	100	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,4-Dioxane	UJ ND	10000	4100	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Ethylbenzene	ND	200	43	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
2-Hexanone (MBK)	ND	2000	220	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Isopropylbenzene (Cumene)	ND	200	22	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Methyl Acetate	ND	200	91	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Methyl Cyclohexane	92	200	49	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Methylene Chloride	ND	1000	47	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	2000	260	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Styrene	ND	200	21	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,1,2,2-Tetrachloroethane	ND	100	25	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Tetrachloroethylene	ND	200	37	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Toluene	ND	200	45	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2,3-Trichlorobenzene	ND	1000	61	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,2,4-Trichlorobenzene	ND	200	50	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF

NW 2/17/23

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: HRP-MW-1_10.27.22 Sampled: 10/27/2022 11:28

Sample ID: 22J4293-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,1,2-Trichloroethane	ND	200	37	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Trichloroethylene	13000	200	38	µg/L	200	MS-19	SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Trichlorofluoromethane (Freon 11)	ND	400	35	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	200	45	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Vinyl Chloride	92	400	42	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:31	MFF
Xylenes (total)	ND	200	200	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	103	70-130		11/2/22 3:31	
Toluene-d8	98.5	70-130		11/2/22 3:31	
4-Bromofluorobenzene	95.3	70-130		11/2/22 3:31	

NW 2/17/23

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: DUP-1_10.27.22 Sampled: 10/27/2022 00:00

Sample ID: 22J4293-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	410	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Benzene	ND	200	40	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Bromochloromethane	ND	200	61	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Bromodichloromethane	ND	100	36	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Bromoform	ND	200	77	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Bromomethane	ND	400	310	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
2-Butanone (MEK)	440	4000	320	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Carbon Disulfide	ND	1000	290	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Carbon Tetrachloride	ND	1000	33	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Chlorobenzene	ND	200	21	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Chlorodibromomethane	ND	100	44	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Chloroethane	ND	400	64	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Chloroform	ND	400	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Chloromethane	ND	400	100	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Cyclohexane	ND	1000	350	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	160	µg/L	200	~~V-05~~	SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2-Dibromoethane (EDB)	ND	100	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2-Dichlorobenzene	ND	200	24	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,3-Dichlorobenzene	ND	200	24	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,4-Dichlorobenzene	ND	200	26	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	400	38	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,1-Dichloroethane	ND	200	28	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2-Dichloroethane	ND	200	62	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,1-Dichloroethylene	36	200	28	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:57	MFF
cis-1,2-Dichloroethylene	3500	200	29	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
trans-1,2-Dichloroethylene	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2-Dichloropropane	ND	200	36	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
cis-1,3-Dichloropropene	ND	100	32	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
trans-1,3-Dichloropropene	ND	100	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,4-Dioxane	ND	10000	4100	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Ethylbenzene	ND	200	43	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
2-Hexanone (MBK)	ND	2000	220	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Isopropylbenzene (Cumene)	ND	200	22	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Methyl Acetate	ND	200	91	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Methyl Cyclohexane	ND	200	49	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Methylene Chloride	ND	1000	47	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	2000	260	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Styrene	ND	200	21	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,1,2,2-Tetrachloroethane	ND	100	25	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Tetrachloroethylene	ND	200	37	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Toluene	ND	200	45	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2,3-Trichlorobenzene	ND	1000	61	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,2,4-Trichlorobenzene	ND	200	50	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: DUP-1_10.27.22 Sampled: 10/27/2022 00:00

Sample ID: 22J4293-02

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	200	34	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,1,2-Trichloroethane	ND	200	37	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Trichloroethylene	14000	200	38	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Trichlorofluoromethane (Freon 11)	ND	400	35	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	200	45	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Vinyl Chloride	100	400	42	µg/L	200	J	SW-846 8260D	11/1/22	11/2/22 3:57	MFF
Xylenes (total)	ND	200	200	µg/L	200		SW-846 8260D	11/1/22	11/2/22 3:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	103	70-130		11/2/22 3:57	
Toluene-d8	98.2	70-130		11/2/22 3:57	
4-Bromofluorobenzene	96.6	70-130		11/2/22 3:57	

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: Field Blank_10.27.22 Sampled: 10/27/2022 12:00

Sample ID: 22J4293-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.9	50	2.0	µg/L	1	J	SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Benzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Bromochloromethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Bromodichloromethane	ND	0.50	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Bromoform	ND	1.0	0.38	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Carbon Disulfide	ND	5.0	1.4	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Chlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Chlorodibromomethane	ND	0.50	0.22	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Chloroethane	ND	2.0	0.32	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Chloromethane	ND	2.0	0.52	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L	1	V-05	SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Ethylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
2-Hexanone (MBK)	ND	10	1.1	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Methyl Acetate	ND	1.0	0.45	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Methyl Cyclohexane	ND	1.0	0.24	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Methylene Chloride	ND	5.0	0.23	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Tetrachloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Toluene	0.40	1.0	0.22	µg/L	1	J	SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF

NW 2/17/23

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: Field Blank_10.27.22 Sampled: 10/27/2022 12:00

Sample ID: 22J4293-03

Sample Matrix: Ground Water

3

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Trichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Vinyl Chloride	ND	2.0	0.21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:28	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	101	70-130		11/2/22 0:28	
Toluene-d8	97.1	70-130		11/2/22 0:28	
4-Bromofluorobenzene	95.6	70-130		11/2/22 0:28	

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: Lab Trip Blank Sampled: 10/27/2022 00:00

Sample ID: 22J4293-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Benzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Bromochloromethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Bromodichloromethane	ND	0.50	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Bromoform	ND	1.0	0.38	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Bromomethane	ND	2.0	1.5	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Carbon Disulfide	ND	5.0	1.4	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Chlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Chlorodibromomethane	ND	0.50	0.22	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Chloroethane	ND	2.0	0.32	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Chloromethane	ND	2.0	0.52	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Cyclohexane	ND	5.0	1.8	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L	1	~~V-05~~	SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Ethylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
2-Hexanone (MBK)	ND	10	1.1	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Methyl Acetate	ND	1.0	0.45	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Methyl Cyclohexane	ND	1.0	0.24	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Methylene Chloride	ND	5.0	0.23	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Tetrachloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF

con-test
A Pace Analytical® Laboratory

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

Project Location: 473 President Street, Brooklyn, N Sample Description: Work Order: 22J4293

Date Received: 10/28/2022

Field Sample #: Lab Trip Blank Sampled: 10/27/2022 00:00

Sample ID: 22J4293-04

Sample Matrix: Ground Water

4

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Trichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Vinyl Chloride	ND	2.0	0.21	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	11/1/22	11/2/22 0:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	101	70-130		11/2/22 0:54	
Toluene-d8	98.1	70-130		11/2/22 0:54	
4-Bromofluorobenzene	96.2	70-130		11/2/22 0:54	

NW 2/17/23

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 23A2674
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: March 21, 2023

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	HRP-MW-5	22A2674-01	Water
2	HRP-MW-3	22A2674-02	Water
3	HRP-MW-2	22A2674-03	Water
4	HRP-MW-4	22A2674-04	Water
5	LAB TRIP BLANK	22A2674-05	Water

A Data Usability Summary Review was performed on the analytical data for four water samples and one aqueous trip blank sample collected on January 24, 2023 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries

- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
B329990-BS1	Chloromethane	243%	None	Associated Samples ND

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field QC samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of methylene chloride, 2-butanone, toluene or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
LAB TRIP BLANK	Chloroform	0.71	U	3, 4

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these

compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
01/30/23	Chloromethane	165%	UJ	All Samples

Compound Quantitation

- Several samples were analyzed at a dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 3/22/23

Nancy Weaver
Senior Chemist

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

1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-5

Laboratory:	Pace New England			Work Order:	23A2674
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN
Matrix:	Water	Laboratory ID:	23A2674-01	File ID:	C22V03023.D
Sampled:	01/24/23 08:25	Prepared:	01/30/23 07:43	Analyzed:	01/30/23 17:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B329990	Sequence:	S082590	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	17	2.0	50	J
71-43-2	Benzene		0.20	1.0	
74-97-5	Bromochloromethane		0.31	1.0	
75-27-4	Bromodichloromethane		0.18	0.50	
75-25-2	Bromoform		0.38	1.0	~~V-05~~
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.6	20	
75-15-0	Carbon Disulfide		1.4	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.11	1.0	
124-48-1	Chlorodibromomethane		0.22	0.50	
75-00-3	Chloroethane		0.32	2.0	
67-66-3	Chloroform		0.17	2.0	
74-87-3	Chloromethane		0.52	2.0	UJ
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.80	5.0	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.17	0.50	
95-50-1	1,2-Dichlorobenzene		0.12	1.0	
541-73-1	1,3-Dichlorobenzene		0.12	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.19	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.31	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	0.21	0.15	1.0	J
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.18	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.17	0.50	
123-91-1	1,4-Dioxane		21	50	

MW 3/21/23

1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-5

Laboratory:	Pace New England			Work Order:	23A2674
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN
Matrix:	Water	Laboratory ID:	23A2674-01	File ID:	C22V03023.D
Sampled:	01/24/23 08:25	Prepared:	01/30/23 07:43	Analyzed:	01/30/23 17:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B329990	Sequence:	S082590	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.21	1.0	
591-78-6	2-Hexanone (MBK)		1.1	10	
98-82-8	Isopropylbenzene (Cumene)		0.11	1.0	
79-20-9	Methyl Acetate		0.45	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane	2.7	0.24	1.0	
75-09-2	Methylene Chloride		0.23	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.11	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.13	0.50	
127-18-4	Tetrachloroethylene	4.7	0.19	1.0	
108-88-3	Toluene	68	0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.30	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.25	1.0	
71-55-6	1,1,1-Trichloroethane		0.17	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene	1.0	0.19	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.18	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.23	1.0	
75-01-4	Vinyl Chloride		0.21	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

NW 3/21/23

1 - FORM I
ANALYSIS DATA SHEET

2

HRP-MW-3

Laboratory:	Pace New England			Work Order:	23A2674
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN
Matrix:	Water	Laboratory ID:	23A2674-02	File ID:	C22V03011.D
Sampled:	01/24/23 13:30	Prepared:	01/30/23 07:43	Analyzed:	01/30/23 12:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B329990	Sequence:	S082590	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene	0.94	0.20	1.0	J
74-97-5	Bromochloromethane		0.31	1.0	
75-27-4	Bromodichloromethane		0.18	0.50	
75-25-2	Bromoform		0.38	1.0	~~V-05~~
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.6	20	
75-15-0	Carbon Disulfide		1.4	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.11	1.0	
124-48-1	Chlorodibromomethane		0.22	0.50	
75-00-3	Chloroethane		0.32	2.0	
67-66-3	Chloroform		0.17	2.0	
74-87-3	Chloromethane		0.52	2.0	UJ
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.80	5.0	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.17	0.50	
95-50-1	1,2-Dichlorobenzene		0.12	1.0	
541-73-1	1,3-Dichlorobenzene		0.12	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.19	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.31	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.15	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.18	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.17	0.50	
123-91-1	1,4-Dioxane		21	50	

NW 3/21/23

1 - FORM I
ANALYSIS DATA SHEET

2

HRP-MW-3

Laboratory:	Pace New England			Work Order:	23A2674
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN
Matrix:	Water	Laboratory ID:	23A2674-02	File ID:	C22V03011.D
Sampled:	01/24/23 13:30	Prepared:	01/30/23 07:43	Analyzed:	01/30/23 12:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B329990	Sequence:	S082590	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.21	1.0	
591-78-6	2-Hexanone (MBK)		1.1	10	
98-82-8	Isopropylbenzene (Cumene)		0.11	1.0	
79-20-9	Methyl Acetate		0.45	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	2.0	0.17	1.0	
108-87-2	Methyl Cyclohexane		0.24	1.0	
75-09-2	Methylene Chloride		0.23	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.11	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.13	0.50	
127-18-4	Tetrachloroethylene		0.19	1.0	
108-88-3	Toluene	1.1	0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.30	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.25	1.0	
71-55-6	1,1,1-Trichloroethane		0.17	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene		0.19	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.18	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.23	1.0	
75-01-4	Vinyl Chloride		0.21	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

New 3/21/23

3

1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-2

Laboratory:	Pace New England			Work Order:	23A2674
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN
Matrix:	Water	Laboratory ID:	23A2674-03	File ID:	C22V03025.D
Sampled:	01/24/23 14:20	Prepared:	01/30/23 07:43	Analyzed:	01/30/23 18:40
Solids:		Preparation:	SW-846 5030B	Dilution:	2
Initial/Final:	5 mL / 5 mL				
Batch:	B329990	Sequence:	S082590	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		4.1	100	
71-43-2	Benzene		0.40	2.0	
74-97-5	Bromochloromethane		0.61	2.0	
75-27-4	Bromodichloromethane		0.36	1.0	
75-25-2	Bromoform		0.77	2.0	~~V-05~~
74-83-9	Bromomethane		3.1	4.0	
78-93-3	2-Butanone (MEK)		3.2	40	
75-15-0	Carbon Disulfide		2.9	10	
56-23-5	Carbon Tetrachloride		0.33	10	
108-90-7	Chlorobenzene		0.21	2.0	
124-48-1	Chlorodibromomethane		0.44	1.0	
75-00-3	Chloroethane		0.64	4.0	
67-66-3	Chloroform	0.44	0.34	4.0	U ~~J~~
74-87-3	Chloromethane		1.0	4.0	UJ
110-82-7	Cyclohexane		3.5	10	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		1.6	10	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.34	1.0	
95-50-1	1,2-Dichlorobenzene		0.24	2.0	
541-73-1	1,3-Dichlorobenzene		0.24	2.0	
106-46-7	1,4-Dichlorobenzene		0.26	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.38	4.0	
75-34-3	1,1-Dichloroethane		0.28	2.0	
107-06-2	1,2-Dichloroethane		0.62	2.0	
75-35-4	1,1-Dichloroethylene		0.28	2.0	
156-59-2	cis-1,2-Dichloroethylene	0.88	0.29	2.0	J
156-60-5	trans-1,2-Dichloroethylene		0.34	2.0	
78-87-5	1,2-Dichloropropane		0.36	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.32	1.0	
10061-02-6	trans-1,3-Dichloropropene		0.34	1.0	
123-91-1	1,4-Dioxane		41	100	

NW 3/21/23

1 - FORM I
ANALYSIS DATA SHEET

3

HRP-MW-2

Laboratory:	Pace New England			Work Order:	23A2674
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN
Matrix:	Water	Laboratory ID:	23A2674-03	File ID:	C22V03025.D
Sampled:	01/24/23 14:20	Prepared:	01/30/23 07:43	Analyzed:	01/30/23 18:40
Solids:		Preparation:	SW-846 5030B	Dilution:	2
Initial/Final:	5 mL / 5 mL				
Batch:	B329990	Sequence:	S082590	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.43	2.0	
591-78-6	2-Hexanone (MBK)		2.2	20	
98-82-8	Isopropylbenzene (Cumene)		0.22	2.0	
79-20-9	Methyl Acetate		0.91	2.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.34	2.0	
108-87-2	Methyl Cyclohexane		0.49	2.0	
75-09-2	Methylene Chloride		0.47	10	
108-10-1	4-Methyl-2-pentanone (MIBK)		2.6	20	
100-42-5	Styrene		0.21	2.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.25	1.0	
127-18-4	Tetrachloroethylene	100	0.37	2.0	
108-88-3	Toluene		0.45	2.0	
87-61-6	1,2,3-Trichlorobenzene		0.61	10	
120-82-1	1,2,4-Trichlorobenzene		0.50	2.0	
71-55-6	1,1,1-Trichloroethane		0.34	2.0	
79-00-5	1,1,2-Trichloroethane		0.37	2.0	
79-01-6	Trichloroethylene	0.52	0.38	2.0	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.35	4.0	
76-13-1	1,1,2 Trichloro 1,2,2 trifluoroethane (Freon 1		0.45	2.0	
75-01-4	Vinyl Chloride		0.42	4.0	
1330-20-7	Xylenes (total)		2.0	2.0	

NW 3/21/23

1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-4

Laboratory:	Pace New England			Work Order:	23A2674
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN
Matrix:	Water	Laboratory ID:	23A2674-04	File ID:	C22V03026.D
Sampled:	01/24/23 15:10	Prepared:	01/30/23 07:43	Analyzed:	01/30/23 19:07
Solids:		Preparation:	SW-846 5030B	Dilution:	2
Initial/Final:	5 mL / 5 mL				
Batch:	B329990	Sequence:	S082590	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		4.1	100	
71-43-2	Benzene		0.40	2.0	
74-97-5	Bromochloromethane		0.61	2.0	
75-27-4	Bromodichloromethane		0.36	1.0	
75-25-2	Bromoform		0.77	2.0	~~V-05~~
74-83-9	Bromomethane		3.1	4.0	
78-93-3	2-Butanone (MEK)		3.2	40	
75-15-0	Carbon Disulfide		2.9	10	
56-23-5	Carbon Tetrachloride		0.33	10	
108-90-7	Chlorobenzene		0.21	2.0	
124-48-1	Chlorodibromomethane		0.44	1.0	
75-00-3	Chloroethane		0.64	4.0	
67-66-3	Chloroform	0.76	0.34	4.0 U	~~J~~ ✓
74-87-3	Chloromethane		1.0	4.0 UJ	
110-82-7	Cyclohexane		3.5	10	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		1.6	10	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.34	1.0	
95-50-1	1,2-Dichlorobenzene		0.24	2.0	
541-73-1	1,3-Dichlorobenzene		0.24	2.0	
106-46-7	1,4-Dichlorobenzene		0.26	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.38	4.0	
75-34-3	1,1-Dichloroethane		0.28	2.0	
107-06-2	1,2-Dichloroethane		0.62	2.0	
75-35-4	1,1-Dichloroethylene		0.28	2.0	
156-59-2	cis-1,2-Dichloroethylene	0.94	0.29	2.0	J
156-60-5	trans-1,2-Dichloroethylene		0.34	2.0	
78-87-5	1,2-Dichloropropane		0.36	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.32	1.0	
10061-02-6	trans-1,3-Dichloropropene		0.34	1.0	
123-91-1	1,4-Dioxane		41	100	

NW 3/21/23

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ANALYSIS DATA SHEET

4

HRP-MW-4

Laboratory:	Pace New England			Work Order:	23A2674
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN
Matrix:	Water	Laboratory ID:	23A2674-04	File ID:	C22V03026.D
Sampled:	01/24/23 15:10	Prepared:	01/30/23 07:43	Analyzed:	01/30/23 19:07
Solids:		Preparation:	SW-846 5030B	Dilution:	2
Initial/Final:	5 mL / 5 mL				
Batch:	B329990	Sequence:	S082590	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.43	2.0	
591-78-6	2-Hexanone (MBK)		2.2	20	
98-82-8	Isopropylbenzene (Cumene)		0.22	2.0	
79-20-9	Methyl Acetate		0.91	2.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.34	2.0	
108-87-2	Methyl Cyclohexane		0.49	2.0	
75-09-2	Methylene Chloride		0.47	10	
108-10-1	4-Methyl-2-pentanone (MIBK)		2.6	20	
100-42-5	Styrene		0.21	2.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.25	1.0	
127-18-4	Tetrachloroethylene	100	0.37	2.0	
108-88-3	Toluene		0.45	2.0	
87-61-6	1,2,3-Trichlorobenzene		0.61	10	
120-82-1	1,2,4-Trichlorobenzene		0.50	2.0	
71-55-6	1,1,1-Trichloroethane		0.34	2.0	
79-00-5	1,1,2-Trichloroethane		0.37	2.0	
79-01-6	Trichloroethylene	0.94	0.38	2.0	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.35	4.0	
76-13-1	1,1,2 Trichloro 1,2,2 trifluoroethane (Freon 1		0.45	2.0	
75-01-4	Vinyl Chloride		0.42	4.0	
1330-20-7	Xylenes (total)		2.0	2.0	

MW 312123

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ANALYSIS DATA SHEET

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Lab Trip Blank

Laboratory:	Pace New England			Work Order:	23A2674
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN
Matrix:	Water	Laboratory ID:	23A2674-05	File ID:	C22V03009.D
Sampled:	01/24/23 13:30	Prepared:	01/30/23 07:43	Analyzed:	01/30/23 11:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B329990	Sequence:	S082590	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.20	1.0	
74-97-5	Bromochloromethane		0.31	1.0	
75-27-4	Bromodichloromethane		0.18	0.50	
75-25-2	Bromoform		0.38	1.0	~~V-05~~
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.6	20	
75-15-0	Carbon Disulfide		1.4	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.11	1.0	
124-48-1	Chlorodibromomethane		0.22	0.50	
75-00-3	Chloroethane		0.32	2.0	
67-66-3	Chloroform	0.71	0.17	2.0	J
74-87-3	Chloromethane		0.52	2.0	UJ
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.80	5.0	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.17	0.50	
95-50-1	1,2-Dichlorobenzene		0.12	1.0	
541-73-1	1,3-Dichlorobenzene		0.12	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.19	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.31	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.15	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.18	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.17	0.50	
123-91-1	1,4-Dioxane		21	50	

NW 3/21/23

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ANALYSIS DATA SHEET

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Lab Trip Blank

Laboratory:	Pace New England			Work Order:	23A2674
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN
Matrix:	Water	Laboratory ID:	23A2674-05	File ID:	C22V03009.D
Sampled:	01/24/23 13:30	Prepared:	01/30/23 07:43	Analyzed:	01/30/23 11:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B329990	Sequence:	S082590	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.21	1.0	
591-78-6	2-Hexanone (MBK)		1.1	10	
98-82-8	Isopropylbenzene (Cumene)		0.11	1.0	
79-20-9	Methyl Acetate		0.45	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.24	1.0	
75-09-2	Methylene Chloride		0.23	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.11	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.13	0.50	
127-18-4	Tetrachloroethylene		0.19	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.30	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.25	1.0	
71-55-6	1,1,1-Trichloroethane		0.17	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene		0.19	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.18	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.23	1.0	
75-01-4	Vinyl Chloride		0.21	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

MW 3/21/23

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 23E1663
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: June 13, 2023

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-12S-5.9.23	23E1663-01	Water
2	HRP-MW-1_5.9.23	23E1663-02	Water
3	HRP-MW-5_5.9.23	23E1663-03	Water
4	HRP-MW-3_5.9.23	23E1663-04	Water
5	HRP-MW-4_5.9.23	23E1663-05	Water
6	GW-7_5.10.23	23E1663-06	Water
6MS	GW-7_5.10.23MS	23E1663-06MS	Water
6MSD	GW-7_5.10.23MSD	23E1663-06MSD	Water
7	DUP-1	23E1663-07	Water

A Data Usability Summary Review was performed on the analytical data for seven water samples collected on May 9, 2023 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation

- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R

may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
6	Bromomethane	132%/OK/OK	None - Sample ND
	1,4-Dioxane	66.7%/61.0%/OK	UJ
	Methyl Acetate	48.1%/50.3%/OK	UJ
	Chlorodibromomethane	OK/67.4%/OK	UJ
	cis-1,3-Dichloropropene	OK/66.5%/OK	UJ
	trans-1,3-Dichloropropene	OK/65.4%/OK	UJ
	2-Hexanone	OK/65.6%/OK	UJ
	4-Methyl-2-pentanone	OK/68.1%/OK	UJ

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
B340351-BS1	Bromomethane	161%	None	Associated Samples ND

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
05/16/23	Bromomethane	59.1%	UJ	All Samples
	1,1-Dichloroethane	25.3%	UJ	

Compound Quantitation

- Several samples were analyzed at a dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	GW-7_5.10.23 ug/L	DUP-1 ug/L	RPD	Qualifier
Benzene	1.3	1.2	8%	None
Ethylbenzene	0.73	0.75	3%	
MTBE	24	24	0%	
Methyl Cyclohexane	1.0U	0.31	NC	
Toluene	0.72	0.77	7%	

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 6/13/23

Nancy Weaver
Senior Chemist

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

1 - FORM I
ANALYSIS DATA SHEET

MW-12S-5.9.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-01	File ID:	C22V13644.D
Sampled:	05/09/23 11:05	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 03:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	3.1	2.0	50	J
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	UJ
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	UJ
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	3.5	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

NW 6/13/23

1 - FORM I
ANALYSIS DATA SHEET

MW-12S-5.9.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-01	File ID:	C22V13644.D
Sampled:	05/09/23 11:05	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 03:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	2.4	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

NW 6/13/23

1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-1_5.9.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-02	File ID:	C22V13653.D
Sampled:	05/09/23 12:41	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 07:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1000
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2000	50000	
71-43-2	Benzene		180	1000	
74-97-5	Bromochloromethane		280	1000	
75-27-4	Bromodichloromethane		160	500	
75-25-2	Bromoform		410	1000	
74-83-9	Bromomethane		1300	2000	UJ
78-93-3	2-Butanone (MEK)		1700	20000	
75-15-0	Carbon Disulfide		1600	5000	
56-23-5	Carbon Tetrachloride		160	5000	
108-90-7	Chlorobenzene		120	1000	
124-48-1	Chlorodibromomethane		200	500	
75-00-3	Chloroethane		340	2000	
67-66-3	Chloroform		140	2000	
74-87-3	Chloromethane		500	2000	
110-82-7	Cyclohexane		1800	5000	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		850	5000	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		160	500	
95-50-1	1,2-Dichlorobenzene		130	1000	
541-73-1	1,3-Dichlorobenzene		140	1000	
106-46-7	1,4-Dichlorobenzene		130	1000	
75-71-8	Dichlorodifluoromethane (Freon 12)		160	2000	
75-34-3	1,1-Dichloroethane		140	1000	UJ
107-06-2	1,2-Dichloroethane		300	1000	
75-35-4	1,1-Dichloroethylene		140	1000	
156-59-2	cis-1,2-Dichloroethylene	8500	140	1000	
156-60-5	trans-1,2-Dichloroethylene		170	1000	
78-87-5	1,2-Dichloropropane		190	1000	
10061-01-5	cis-1,3-Dichloropropene		160	500	
10061-02-6	trans-1,3-Dichloropropene		140	500	
123-91-1	1,4-Dioxane		18000	50000	

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HRP-MW-1_5.9.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-02	File ID:	C22V13653.D
Sampled:	05/09/23 12:41	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 07:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1000
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		220	1000	
591-78-6	2-Hexanone (MBK)		1200	10000	
98-82-8	Isopropylbenzene (Cumene)		150	1000	
79-20-9	Methyl Acetate		610	1000	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		170	1000	
108-87-2	Methyl Cyclohexane		160	1000	
75-09-2	Methylene Chloride		180	5000	
108-10-1	4-Methyl-2-pentanone (MIBK)		1300	10000	
100-42-5	Styrene		150	1000	
79-34-5	1,1,2,2-Tetrachloroethane		140	500	
127-18-4	Tetrachloroethylene		170	1000	
108-88-3	Toluene		220	1000	
87-61-6	1,2,3-Trichlorobenzene		340	5000	
120-82-1	1,2,4-Trichlorobenzene		300	1000	
71-55-6	1,1,1-Trichloroethane		150	1000	
79-00-5	1,1,2-Trichloroethane		190	1000	
79-01-6	Trichloroethylene	58000	170	1000	
75-69-4	Trichlorofluoromethane (Freon 11)		150	2000	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		210	1000	
75-01-4	Vinyl Chloride		240	2000	
1330-20-7	Xylenes (total)		1000	1000	

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ANALYSIS DATA SHEET

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HRP-MW-5_5.9.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-03	File ID:	C22V13645.D
Sampled:	05/09/23 13:57	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 03:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	UJ
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	UJ
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	0.79	0.14	1.0	J
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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ANALYSIS DATA SHEET

HRP-MW-5_5.9.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-03	File ID:	C22V13645.D
Sampled:	05/09/23 13:57	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 03:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane	0.79	0.16	1.0	J
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	3.6	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	0.90	0.17	1.0	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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ANALYSIS DATA SHEET

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HRP-MW-3_5.9.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-04	File ID:	C22V13646.D
Sampled:	05/09/23 15:12	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 03:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	2.7	2.0	50	J
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	UJ
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	UJ
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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ANALYSIS DATA SHEET

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HRP-MW-3_5.9.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-04	File ID:	C22V13646.D
Sampled:	05/09/23 15:12	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 03:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.9	0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-4_5.9.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-05	File ID:	C22V13647.D
Sampled:	05/10/23 16:38	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 04:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	3.4	2.0	50	J
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	UJ
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	UJ
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	3.6	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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ANALYSIS DATA SHEET

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HRP-MW-4_5.9.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-05	File ID:	C22V13647.D
Sampled:	05/10/23 16:38	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 04:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	14	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	2.6	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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ANALYSIS DATA SHEET

GW-7_5.10.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-06	File ID:	C22V13648.D
Sampled:	05/10/23 12:00	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 04:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q	
67-64-1	Acetone		2.0	50		
71-43-2	Benzene	1.3	0.18	1.0		
74-97-5	Bromochloromethane		0.28	1.0		
75-27-4	Bromodichloromethane		0.16	0.50		
75-25-2	Bromoform		0.41	1.0		
74-83-9	Bromomethane		1.3	2.0	UJ	
78-93-3	2-Butanone (MEK)		1.7	20		
75-15-0	Carbon Disulfide		1.6	5.0		
56-23-5	Carbon Tetrachloride		0.16	5.0		
108-90-7	Chlorobenzene		0.12	1.0		
124-48-1	Chlorodibromomethane		0.20	0.50	UJ	
75-00-3	Chloroethane		0.34	2.0		
67-66-3	Chloroform		0.14	2.0		
74-87-3	Chloromethane		0.50	2.0		
110-82-7	Cyclohexane		1.8	5.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	~~V-05~~	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50		
95-50-1	1,2-Dichlorobenzene		0.13	1.0		
541-73-1	1,3-Dichlorobenzene		0.14	1.0		
106-46-7	1,4-Dichlorobenzene		0.13	1.0		
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0		
75-34-3	1,1-Dichloroethane		0.14	1.0	UJ	
107-06-2	1,2-Dichloroethane		0.30	1.0		
75-35-4	1,1-Dichloroethylene		0.14	1.0		
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0		
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0		
78-87-5	1,2-Dichloropropane		0.19	1.0		
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	UJ	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	UJ	
123-91-1	1,4-Dioxane		18	50	UJ	~~MS-07A~~

NW 6/13/23

1 - FORM I
ANALYSIS DATA SHEET

GW-7_5.10.23

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-06	File ID:	C22V13648.D
Sampled:	05/10/23 12:00	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 04:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene	0.73	0.22	1.0	J
591-78-6	2-Hexanone (MBK)		1.2	10	UJ
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	UJ MS-07A
1634-04-4	Methyl tert-Butyl Ether (MTBE)	24	0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	UJ
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene	0.72	0.22	1.0	J
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

NW 6/13/23

1 - FORM I
ANALYSIS DATA SHEET

7

DUP-1

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-07	File ID:	C22V13649.D
Sampled:	05/09/23 00:00	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 05:14
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene	1.2	0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	UJ
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	~~V-05~~
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	UJ
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

MW 6/13/23

1 - FORM I
ANALYSIS DATA SHEET

DUP-1

7

Laboratory:	Pace New England			Work Order:	23E1663
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	23E1663-07	File ID:	C22V13649.D
Sampled:	05/09/23 00:00	Prepared:	05/16/23 07:08	Analyzed:	05/17/23 05:14
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B340351	Sequence:	S087537	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene	0.75	0.22	1.0	J
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	24	0.17	1.0	
108-87-2	Methyl Cyclohexane	0.31	0.16	1.0	J
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene	0.77	0.22	1.0	J
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

Rev 6/13/23

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 24D3388
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: June 1, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	HRP-MW-5	24D3388-01	Water
2	HRP-MW-1	24D3388-02	Water
2MS	HRP-MW-1MS	24D3388-02MS	Water
2MSD	HRP-MW-1MSD	24D3388-02MSD	Water
3	HRP-MW-2	24D3388-03	Water
4	HRP-MW-6S	24D3388-04	Water
5	HRP-MW-6D	24D3388-05	Water
6	HRP-MW-3	24D3388-06	Water
7	HRP-MW-4D	24D3388-07	Water
8	HRP-MW-7S	24D3388-08	Water
9	HRP-MW-7D	24D3388-09	Water
10	HRP-MW-4	24D3388-10	Water
11	DUP-1	24D3388-11	Water
12	Field Blank	24D3388-12	Water
13	Trip Blank	24D3388-13	Water

A Data Usability Summary Review was performed on the analytical data for eleven water samples, one aqueous trip blank sample, and one aqueous field blank sample collected on April 24 26, 2024 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) except for the following.

MS/MSD Sample	Compound	MS %R/MSD %R/RPD	Qualifier
2	Carbon Disulfide	62.0%/60.7%/OK	None - See LCS
	cis-1,2-Dichloroethylene	138%/OK/OK	J
	Naphthalene	53.4%/57.1%/OK	None - See CCAL
	1,2,4-Trichlorobenzene	69.9%/OK/OK	UJ
	Trichloroethylene	159%/OK/OK	J

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	%R/%R/RPD	Qualifier	Affected Samples
B372990-BS1	Carbon Disulfide	62.1%/OK/OK	UJ	All Samples

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples are summarized below.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
Field Blank	None - ND	-	-	-
Trip Blank	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
05/01/24 (0932)	Naphthalene	37.5%	J/UJ	All Samples

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Field Duplicate Sample Precision

- Field duplicate sample results are summarized below.

Compound	HRP-MW-1 ug/L	DUP-1 ug/L	RPD	Qualifier
Acetone	8.3	17	69%	None
2-Butanone	5.7U	29	NC	
Chloromethane	2.0U	3.4	NC	
1,1-Dichloroethylene	2.0	2.4	18%	
cis-1,2-Dichloroethylene	100	120	18%	
trans-1,2-Dichloroethylene	1.0	1.1	10%	
Tetrachloroethylene	2.5	2.5	0%	
Trichloroethylene	290	320	10%	
Vinyl Chloride	0.88	1.2	31%	

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: D. Weaver for Dated: 6/3/24

Nancy Weaver
Senior Chemist

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

1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-5

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton P			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-01	File ID:	C24V12220.D
Sampled:	04/26/24 09:40	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 16:38
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone	13	2.0	50	J
71-43-2	Benzene	0.77	0.14	1.0	J
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene	0.33	0.16	1.0	J
135-98-8	sec-Butylbenzene	0.94	0.16	1.0	J
98-06-6	tert-Butylbenzene	0.44	0.17	1.0	J
75-15-0	Carbon Disulfide	UJ	1.5	5.0	~~V-05, L-04~~
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	
78-87-5	1,2-Dichloropropane		0.17	1.0	

NW 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-5

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-01	File ID:	C24V12220.D
Sampled:	04/26/24 09:40	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 16:38
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene	0.27	0.14	1.0	J
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)	6.9	0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane	3.1	0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene	U	0.25	2.0	~~V-05~~
103-65-1	n-Propylbenzene	4.6	0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene	0.43	0.17	1.0	J
108-88-3	Toluene	0.39	0.11	1.0	J
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride		0.19	2.0	
179601-23-1	m+p Xylene	0.37	0.25	2.0	J
95-47-6	o-Xylene		0.16	1.0	

MW 5/1/24

1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-5

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-01	File ID:	C24V12220.D
Sampled:	04/26/24 09:40	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 16:38
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL
1330-20-7	Xylenes (total)		1.0	1.0

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (µg/L)
000078-78-4	Butane, 2-methyl-	12

MW 6/11/24

1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-1

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-02	File ID:	C24V12224.D
Sampled:	04/26/24 15:55	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 18:25
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone	8.3		8.2	200	J
71-43-2	Benzene			0.57	4.0	
74-97-5	Bromochloromethane			1.3	4.0	
75-27-4	Bromodichloromethane			0.74	2.0	
75-25-2	Bromoform			1.2	4.0	
74-83-9	Bromomethane			5.9	8.0	
78-93-3	2-Butanone (MEK)			5.7	80	
104-51-8	n-Butylbenzene			0.62	4.0	
135-98-8	sec-Butylbenzene			0.65	4.0	
98-06-6	tert-Butylbenzene			0.66	4.0	
75-15-0	Carbon Disulfide		UJ	6.1	20	~~-04, MS-09, V-0~~
56-23-5	Carbon Tetrachloride			0.78	20	
108-90-7	Chlorobenzene			0.71	4.0	
124-48-1	Chlorodibromomethane			0.51	2.0	
75-00-3	Chloroethane			1.8	8.0	
67-66-3	Chloroform			0.76	8.0	
74-87-3	Chloromethane			2.0	8.0	
110-82-7	Cyclohexane			7.1	20	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			2.5	20	
106-93-4	1,2-Dibromoethane (EDB)			0.50	2.0	
95-50-1	1,2-Dichlorobenzene			0.70	4.0	
541-73-1	1,3-Dichlorobenzene			0.62	4.0	
106-46-7	1,4-Dichlorobenzene			0.67	4.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.80	8.0	
75-34-3	1,1-Dichloroethane			0.60	4.0	
107-06-2	1,2-Dichloroethane			0.51	4.0	
75-35-4	1,1-Dichloroethylene	2.0		0.72	4.0	J
156-59-2	cis-1,2-Dichloroethylene	100	J	0.81	4.0	
156-60-5	trans-1,2-Dichloroethylene	1.0		0.62	4.0	J
78-87-5	1,2-Dichloropropane			0.68	4.0	

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1 - FORM I
ANALYSIS DATA SHEET

2

HRP-MW-1

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-02	File ID:	C24V12224.D
Sampled:	04/26/24 15:55	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 18:25
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
10061-01-5	cis-1,3-Dichloropropene			0.51	2.0	
10061-02-6	trans-1,3-Dichloropropene			0.58	2.0	
100-41-4	Ethylbenzene			0.55	4.0	
591-78-6	2-Hexanone (MBK)			5.4	40	
98-82-8	Isopropylbenzene (Cumene)			0.62	4.0	
99-87-6	p-Isopropyltoluene (p-Cymene)			0.62	4.0	
79-20-9	Methyl Acetate			1.9	4.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.67	4.0	
108-87-2	Methyl Cyclohexane			0.53	4.0	
75-09-2	Methylene Chloride			0.76	20	
108-10-1	4-Methyl-2-pentanone (MIBK)			5.5	40	
91-20-3	Naphthalene		UJ	0.99	8.0	~~MS-09, V-05~~
103-65-1	n-Propylbenzene			0.44	4.0	
100-42-5	Styrene			0.52	4.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.41	2.0	
127-18-4	Tetrachloroethylene	2.5		0.67	4.0	J
108-88-3	Toluene			0.46	4.0	
87-61-6	1,2,3-Trichlorobenzene			0.87	20	
120-82-1	1,2,4-Trichlorobenzene		UJ	0.78	4.0	
71-55-6	1,1,1-Trichloroethane			0.56	4.0	
79-00-5	1,1,2-Trichloroethane			0.73	4.0	
79-01-6	Trichloroethylene	290	J	0.66	4.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.57	8.0	
96-18-4	1,2,3-Trichloropropane			1.1	8.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.63	4.0	
95-63-6	1,2,4-Trimethylbenzene			0.62	4.0	
108-67-8	1,3,5-Trimethylbenzene			0.68	4.0	
75-01-4	Vinyl Chloride	0.88		0.77	8.0	J
179601-23-1	m+p Xylene			0.98	8.0	
95-47-6	o-Xylene			0.62	4.0	

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1 - FORM I
ANALYSIS DATA SHEET

2

HRP-MW-1

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-02	File ID:	C24V12224.D
Sampled:	04/26/24 15:55	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 18:25
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		4.0	4.0	
	No TICs Found	0.0			

MW
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1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-2

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-03	File ID:	C24V12217.D
Sampled:	04/26/24 11:10	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 15:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide		1.5	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane	0.61	0.50	2.0	J
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	6.7	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.39	0.16	1.0	J
78-87-5	1,2-Dichloropropane		0.17	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-2

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-03	File ID:	C24V12217.D
Sampled:	04/26/24 11:10	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 15:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
10061-01-5	cis-1,3-Dichloropropene			0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
100-41-4	Ethylbenzene			0.14	1.0	
591-78-6	2-Hexanone (MBK)			1.3	10	
98-82-8	Isopropylbenzene (Cumene)			0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)			0.16	1.0	
79-20-9	Methyl Acetate			0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.17	1.0	
108-87-2	Methyl Cyclohexane			0.13	1.0	
75-09-2	Methylene Chloride			0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.4	10	
91-20-3	Naphthalene		U J	0.25	2.0	~~V-05~~
103-65-1	n-Propylbenzene			0.11	1.0	
100-42-5	Styrene			0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.10	0.50	
127-18-4	Tetrachloroethylene	30		0.17	1.0	
108-88-3	Toluene			0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene			0.19	1.0	
71-55-6	1,1,1-Trichloroethane			0.14	1.0	
79-00-5	1,1,2-Trichloroethane			0.18	1.0	
79-01-6	Trichloroethylene	8.4		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.14	2.0	
96-18-4	1,2,3-Trichloropropane			0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene			0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene			0.17	1.0	
75-01-4	Vinyl Chloride			0.19	2.0	
179601-23-1	m+p Xylene			0.25	2.0	
95-47-6	o-Xylene			0.16	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-2

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-03	File ID:	C24V12217.D
Sampled:	04/26/24 11:10	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 15:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		1.0	1.0	
	No TICs Found	0.0			

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1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-6S

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-04	File ID:	C24V12225.D
Sampled:	04/26/24 11:45	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 18:51
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone	17		8.2	200	J
71-43-2	Benzene			0.57	4.0	
74-97-5	Bromochloromethane			1.3	4.0	
75-27-4	Bromodichloromethane			0.74	2.0	
75-25-2	Bromoform			1.2	4.0	
74-83-9	Bromomethane			5.9	8.0	
78-93-3	2-Butanone (MEK)	24		5.7	80	J
104-51-8	n-Butylbenzene			0.62	4.0	
135-98-8	sec-Butylbenzene			0.65	4.0	
98-06-6	tert-Butylbenzene			0.66	4.0	
75-15-0	Carbon Disulfide		UJ	6.1	20	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			0.78	20	
108-90-7	Chlorobenzene			0.71	4.0	
124-48-1	Chlorodibromomethane			0.51	2.0	
75-00-3	Chloroethane			1.8	8.0	
67-66-3	Chloroform			0.76	8.0	
74-87-3	Chloromethane	3.2		2.0	8.0	J
110-82-7	Cyclohexane			7.1	20	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			2.5	20	
106-93-4	1,2-Dibromoethane (EDB)			0.50	2.0	
95-50-1	1,2-Dichlorobenzene			0.70	4.0	
541-73-1	1,3-Dichlorobenzene			0.62	4.0	
106-46-7	1,4-Dichlorobenzene			0.67	4.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.80	8.0	
75-34-3	1,1-Dichloroethane			0.60	4.0	
107-06-2	1,2-Dichloroethane			0.51	4.0	
75-35-4	1,1-Dichloroethylene			0.72	4.0	
156-59-2	cis-1,2-Dichloroethylene	25		0.81	4.0	
156-60-5	trans-1,2-Dichloroethylene			0.62	4.0	
78-87-5	1,2-Dichloropropane			0.68	4.0	

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1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-6S

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-04	File ID:	C24V12225.D
Sampled:	04/26/24 11:45	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 18:51
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
10061-01-5	cis-1,3-Dichloropropene			0.51	2.0	
10061-02-6	trans-1,3-Dichloropropene			0.58	2.0	
100-41-4	Ethylbenzene			0.55	4.0	
591-78-6	2-Hexanone (MBK)			5.4	40	
98-82-8	Isopropylbenzene (Cumene)			0.62	4.0	
99-87-6	p-Isopropyltoluene (p-Cymene)			0.62	4.0	
79-20-9	Methyl Acetate			1.9	4.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.67	4.0	
108-87-2	Methyl Cyclohexane			0.53	4.0	
75-09-2	Methylene Chloride			0.76	20	
108-10-1	4-Methyl-2-pentanone (MIBK)			5.5	40	
91-20-3	Naphthalene		UJ	0.99	8.0	~~V-05~~
103-65-1	n-Propylbenzene			0.44	4.0	
100-42-5	Styrene			0.52	4.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.41	2.0	
127-18-4	Tetrachloroethylene	11		0.67	4.0	
108-88-3	Toluene			0.46	4.0	
87-61-6	1,2,3-Trichlorobenzene			0.87	20	
120-82-1	1,2,4-Trichlorobenzene			0.78	4.0	
71-55-6	1,1,1-Trichloroethane			0.56	4.0	
79-00-5	1,1,2-Trichloroethane			0.73	4.0	
79-01-6	Trichloroethylene	420		0.66	4.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.57	8.0	
96-18-4	1,2,3-Trichloropropane			1.1	8.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.63	4.0	
95-63-6	1,2,4-Trimethylbenzene			0.62	4.0	
108-67-8	1,3,5-Trimethylbenzene			0.68	4.0	
75-01-4	Vinyl Chloride			0.77	8.0	
179601-23-1	m+p Xylene			0.98	8.0	
95-47-6	o-Xylene			0.62	4.0	

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1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-6S

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-04	File ID:	C24V12225.D
Sampled:	04/26/24 11:45	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 18:51
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		4.0	4.0	
	No TICs Found	0.0			

NW 6/1/24

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ANALYSIS DATA SHEET

HRP-MW-6D

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-05	File ID:	C24V12221.D
Sampled:	04/26/24 12:15	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 17:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone	3.0	2.0	50	J
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide	U7	1.5	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.1	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	
78-87-5	1,2-Dichloropropane		0.17	1.0	

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ANALYSIS DATA SHEET

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HRP-MW-6D

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-05	File ID:	C24V12221.D
Sampled:	04/26/24 12:15	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 17:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
10061-01-5	cis-1,3-Dichloropropene			0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
100-41-4	Ethylbenzene			0.14	1.0	
591-78-6	2-Hexanone (MBK)			1.3	10	
98-82-8	Isopropylbenzene (Cumene)			0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)			0.16	1.0	
79-20-9	Methyl Acetate			0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.17	1.0	
108-87-2	Methyl Cyclohexane			0.13	1.0	
75-09-2	Methylene Chloride			0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.4	10	
91-20-3	Naphthalene		UJ	0.25	2.0	~~V-05~~
103-65-1	n-Propylbenzene			0.11	1.0	
100-42-5	Styrene			0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.10	0.50	
127-18-4	Tetrachloroethylene	11		0.17	1.0	
108-88-3	Toluene			0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene			0.19	1.0	
71-55-6	1,1,1-Trichloroethane			0.14	1.0	
79-00-5	1,1,2-Trichloroethane			0.18	1.0	
79-01-6	Trichloroethylene	9.4		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.14	2.0	
96-18-4	1,2,3-Trichloropropane			0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene			0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene			0.17	1.0	
75-01-4	Vinyl Chloride			0.19	2.0	
179601-23-1	m+p Xylene			0.25	2.0	
95-47-6	o-Xylene			0.16	1.0	

MW 6/11/24

1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-6D

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-05	File ID:	C24V12221.D
Sampled:	04/26/24 12:15	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 17:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		1.0	1.0	
	No TICs Found	0.0			

MW 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-3

6

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-06	File ID:	C24V12218.D
Sampled:	04/26/24 13:10	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 15:45
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide	U J	1.5	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	
78-87-5	1,2-Dichloropropane		0.17	1.0	

MW 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-3

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-06	File ID:	C24V12218.D
Sampled:	04/26/24 13:10	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 15:45
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
10061-01-5	cis-1,3-Dichloropropene			0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
100-41-4	Ethylbenzene			0.14	1.0	
591-78-6	2-Hexanone (MBK)			1.3	10	
98-82-8	Isopropylbenzene (Cumene)			0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)			0.16	1.0	
79-20-9	Methyl Acetate			0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.6		0.17	1.0	
108-87-2	Methyl Cyclohexane			0.13	1.0	
75-09-2	Methylene Chloride			0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.4	10	
91-20-3	Naphthalene		UJ	0.25	2.0	~~V-05~~
103-65-1	n-Propylbenzene			0.11	1.0	
100-42-5	Styrene			0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.10	0.50	
127-18-4	Tetrachloroethylene			0.17	1.0	
108-88-3	Toluene			0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene			0.19	1.0	
71-55-6	1,1,1-Trichloroethane			0.14	1.0	
79-00-5	1,1,2-Trichloroethane			0.18	1.0	
79-01-6	Trichloroethylene			0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.14	2.0	
96-18-4	1,2,3-Trichloropropane			0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene			0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene			0.17	1.0	
75-01-4	Vinyl Chloride			0.19	2.0	
179601-23-1	m+p Xylene			0.25	2.0	
95-47-6	o-Xylene			0.16	1.0	

MM 5/1/24

1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-3

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-06	File ID:	C24V12218.D
Sampled:	04/26/24 13:10	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 15:45
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		1.0	1.0	
	No TICs Found	0.0			

MW
5/1/24

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1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-4D

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-07	File ID:	C24V12223.D
Sampled:	04/26/24 11:22	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 17:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone	4.8		2.0	50	J
71-43-2	Benzene	0.23		0.14	1.0	J
74-97-5	Bromochloromethane			0.32	1.0	
75-27-4	Bromodichloromethane			0.19	0.50	
75-25-2	Bromoform			0.30	1.0	
74-83-9	Bromomethane			1.5	2.0	
78-93-3	2-Butanone (MEK)			1.4	20	
104-51-8	n-Butylbenzene			0.16	1.0	
135-98-8	sec-Butylbenzene	0.60		0.16	1.0	J
98-06-6	tert-Butylbenzene			0.17	1.0	
75-15-0	Carbon Disulfide		UJ	1.5	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			0.19	5.0	
108-90-7	Chlorobenzene			0.18	1.0	
124-48-1	Chlorodibromomethane			0.13	0.50	
75-00-3	Chloroethane			0.46	2.0	
67-66-3	Chloroform			0.19	2.0	
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.13	0.50	
95-50-1	1,2-Dichlorobenzene			0.17	1.0	
541-73-1	1,3-Dichlorobenzene			0.15	1.0	
106-46-7	1,4-Dichlorobenzene			0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.20	2.0	
75-34-3	1,1-Dichloroethane			0.15	1.0	
107-06-2	1,2-Dichloroethane			0.13	1.0	
75-35-4	1,1-Dichloroethylene	4.5		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	35		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene	1.9		0.16	1.0	
78-87-5	1,2-Dichloropropane			0.17	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-4D

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-07	File ID:	C24V12223.D
Sampled:	04/26/24 11:22	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 17:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
10061-01-5	cis-1,3-Dichloropropene			0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
100-41-4	Ethylbenzene	0.19		0.14	1.0	J
591-78-6	2-Hexanone (MBK)			1.3	10	
98-82-8	Isopropylbenzene (Cumene)	1.0		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)			0.16	1.0	
79-20-9	Methyl Acetate			0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.17	1.0	
108-87-2	Methyl Cyclohexane	3.2		0.13	1.0	
75-09-2	Methylene Chloride			0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.4	10	
91-20-3	Naphthalene		UJ	0.25	2.0	V-05
103-65-1	n-Propylbenzene	1.0		0.11	1.0	
100-42-5	Styrene			0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.10	0.50	
127-18-4	Tetrachloroethylene	5.3		0.17	1.0	
108-88-3	Toluene			0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene			0.19	1.0	
71-55-6	1,1,1-Trichloroethane			0.14	1.0	
79-00-5	1,1,2-Trichloroethane			0.18	1.0	
79-01-6	Trichloroethylene	82		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.14	2.0	
96-18-4	1,2,3-Trichloropropane			0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene	0.16		0.16	1.0	J
108-67-8	1,3,5-Trimethylbenzene	0.23		0.17	1.0	J
75-01-4	Vinyl Chloride	8.2		0.19	2.0	
179601-23-1	m+p Xylene	0.25		0.25	2.0	J
95-47-6	o-Xylene			0.16	1.0	

MW 6/1/24

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ANALYSIS DATA SHEET

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HRP-MW-4D

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-07	File ID:	C24V12223.D
Sampled:	04/26/24 11:22	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 17:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		1.0	1.0	
	No TICs Found	0.0			

MW 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-7S

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-08	File ID:	C24V12222.D
Sampled:	04/26/24 12:22	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 17:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone	2.6		2.0	50	J
71-43-2	Benzene			0.14	1.0	
74-97-5	Bromochloromethane			0.32	1.0	
75-27-4	Bromodichloromethane			0.19	0.50	
75-25-2	Bromoform			0.30	1.0	
74-83-9	Bromomethane			1.5	2.0	
78-93-3	2-Butanone (MEK)			1.4	20	
104-51-8	n-Butylbenzene			0.16	1.0	
135-98-8	sec-Butylbenzene			0.16	1.0	
98-06-6	tert-Butylbenzene			0.17	1.0	
75-15-0	Carbon Disulfide		UJ	1.5	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			0.19	5.0	
108-90-7	Chlorobenzene			0.18	1.0	
124-48-1	Chlorodibromomethane			0.13	0.50	
75-00-3	Chloroethane			0.46	2.0	
67-66-3	Chloroform			0.19	2.0	
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.13	0.50	
95-50-1	1,2-Dichlorobenzene			0.17	1.0	
541-73-1	1,3-Dichlorobenzene			0.15	1.0	
106-46-7	1,4-Dichlorobenzene			0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.20	2.0	
75-34-3	1,1-Dichloroethane			0.15	1.0	
107-06-2	1,2-Dichloroethane			0.13	1.0	
75-35-4	1,1-Dichloroethylene	0.28		0.18	1.0	J
156-59-2	cis-1,2-Dichloroethylene	2.6		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.16	1.0	
78-87-5	1,2-Dichloropropane			0.17	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-7S

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-08	File ID:	C24V12222.D
Sampled:	04/26/24 12:22	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 17:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
10061-01-5	cis-1,3-Dichloropropene			0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
100-41-4	Ethylbenzene			0.14	1.0	
591-78-6	2-Hexanone (MBK)			1.3	10	
98-82-8	Isopropylbenzene (Cumene)			0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)			0.16	1.0	
79-20-9	Methyl Acetate			0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.28		0.17	1.0	J
108-87-2	Methyl Cyclohexane			0.13	1.0	
75-09-2	Methylene Chloride			0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.4	10	
91-20-3	Naphthalene		U J	0.25	2.0	~~V-05~~
103-65-1	n-Propylbenzene			0.11	1.0	
100-42-5	Styrene			0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.10	0.50	
127-18-4	Tetrachloroethylene	33		0.17	1.0	
108-88-3	Toluene			0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene			0.19	1.0	
71-55-6	1,1,1-Trichloroethane			0.14	1.0	
79-00-5	1,1,2-Trichloroethane			0.18	1.0	
79-01-6	Trichloroethylene	4.4		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.14	2.0	
96-18-4	1,2,3-Trichloropropane			0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene			0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene			0.17	1.0	
75-01-4	Vinyl Chloride			0.19	2.0	
179601-23-1	m+p Xylene			0.25	2.0	
95-47-6	o-Xylene			0.16	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-7S

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-08	File ID:	C24V12222.D
Sampled:	04/26/24 12:22	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 17:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		1.0	1.0	
	No TICs Found	0.0			

NW 6/1/24.

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1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-7D

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-09	File ID:	C24V12219.D
Sampled:	04/26/24 13:18	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 16:11
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone	3.3	2.0	50	J
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide	U J	1.5	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene	0.26	0.18	1.0	J
156-59-2	cis-1,2-Dichloroethylene	1.8	0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	
78-87-5	1,2-Dichloropropane		0.17	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-7D

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-09	File ID:	C24V12219.D
Sampled:	04/26/24 13:18	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 16:11
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.32	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene	UJ	0.25	2.0	~~V-05~~
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene	33	0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene	3.2	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride		0.19	2.0	
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-7D

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-09	File ID:	C24V12219.D
Sampled:	04/26/24 13:18	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 16:11
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL
1330-20-7	Xylenes (total)		1.0	1.0
	No TICs Found	0.0		

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1 - FORM I
ANALYSIS DATA SHEET

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HRP-MW-4

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-10	File ID:	C24V12228.D
Sampled:	04/26/24 10:40	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 20:11
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone	5.1		2.0	50	J
71-43-2	Benzene	0.89		0.14	1.0	J
74-97-5	Bromochloromethane			0.32	1.0	
75-27-4	Bromodichloromethane			0.19	0.50	
75-25-2	Bromoform			0.30	1.0	
74-83-9	Bromomethane			1.5	2.0	
78-93-3	2-Butanone (MEK)			1.4	20	
104-51-8	n-Butylbenzene	2.6		0.16	1.0	
135-98-8	sec-Butylbenzene	5.5		0.16	1.0	
98-06-6	tert-Butylbenzene	0.34		0.17	1.0	J
75-15-0	Carbon Disulfide		UJ	1.5	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			0.19	5.0	
108-90-7	Chlorobenzene			0.18	1.0	
124-48-1	Chlorodibromomethane			0.13	0.50	
75-00-3	Chloroethane			0.46	2.0	
67-66-3	Chloroform	0.30		0.19	2.0	J
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.13	0.50	
95-50-1	1,2-Dichlorobenzene			0.17	1.0	
541-73-1	1,3-Dichlorobenzene			0.15	1.0	
106-46-7	1,4-Dichlorobenzene			0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.20	2.0	
75-34-3	1,1-Dichloroethane			0.15	1.0	
107-06-2	1,2-Dichloroethane			0.13	1.0	
75-35-4	1,1-Dichloroethylene			0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene	2.9		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.16	1.0	
78-87-5	1,2-Dichloropropane			0.17	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-4

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Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-10	File ID:	C24V12228.D
Sampled:	04/26/24 10:40	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 20:11
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
10061-01-5	cis-1,3-Dichloropropene			0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
100-41-4	Ethylbenzene	13		0.14	1.0	
591-78-6	2-Hexanone (MBK)			1.3	10	
98-82-8	Isopropylbenzene (Cumene)	17		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)			0.16	1.0	
79-20-9	Methyl Acetate			0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.17	1.0	
108-87-2	Methyl Cyclohexane	4.6		0.13	1.0	
75-09-2	Methylene Chloride			0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.4	10	
91-20-3	Naphthalene	2.4	J	0.25	2.0	~~V-05~~
103-65-1	n-Propylbenzene	58		0.11	1.0	
100-42-5	Styrene			0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.10	0.50	
127-18-4	Tetrachloroethylene	1.3		0.17	1.0	
108-88-3	Toluene	0.47		0.11	1.0	J
87-61-6	1,2,3-Trichlorobenzene			0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene			0.19	1.0	
71-55-6	1,1,1-Trichloroethane			0.14	1.0	
79-00-5	1,1,2-Trichloroethane			0.18	1.0	
79-01-6	Trichloroethylene	16		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.14	2.0	
96-18-4	1,2,3-Trichloropropane			0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene	2.3		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene			0.17	1.0	
75-01-4	Vinyl Chloride			0.19	2.0	
179601-23-1	m+p Xylene	0.42		0.25	2.0	J
95-47-6	o-Xylene	0.31		0.16	1.0	J

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1 - FORM I
ANALYSIS DATA SHEET

HRP-MW-4

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-10	File ID:	C24V12228.D
Sampled:	04/26/24 10:40	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 20:11
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		1.0	1.0	

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (µg/L)	
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	24	
002039-89-6	Benzene, 2-ethenyl-1,4-dime...	35	
496-11-7	Indane	71	

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ANALYSIS DATA SHEET

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DUP-1

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-11	File ID:	C24V12226.D
Sampled:	04/25/24 00:00	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 19:18
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone	17		8.2	200	J
71-43-2	Benzene			0.57	4.0	
74-97-5	Bromochloromethane			1.3	4.0	
75-27-4	Bromodichloromethane			0.74	2.0	
75-25-2	Bromoform			1.2	4.0	
74-83-9	Bromomethane			5.9	8.0	
78-93-3	2-Butanone (MEK)	29		5.7	80	J
104-51-8	n-Butylbenzene			0.62	4.0	
135-98-8	sec-Butylbenzene			0.65	4.0	
98-06-6	tert-Butylbenzene			0.66	4.0	
75-15-0	Carbon Disulfide		UJ	6.1	20	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			0.78	20	
108-90-7	Chlorobenzene			0.71	4.0	
124-48-1	Chlorodibromomethane			0.51	2.0	
75-00-3	Chloroethane			1.8	8.0	
67-66-3	Chloroform			0.76	8.0	
74-87-3	Chloromethane	3.4		2.0	8.0	J
110-82-7	Cyclohexane			7.1	20	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			2.5	20	
106-93-4	1,2-Dibromoethane (EDB)			0.50	2.0	
95-50-1	1,2-Dichlorobenzene			0.70	4.0	
541-73-1	1,3-Dichlorobenzene			0.62	4.0	
106-46-7	1,4-Dichlorobenzene			0.67	4.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.80	8.0	
75-34-3	1,1-Dichloroethane			0.60	4.0	
107-06-2	1,2-Dichloroethane			0.51	4.0	
75-35-4	1,1-Dichloroethylene	2.4		0.72	4.0	J
156-59-2	cis-1,2-Dichloroethylene	120		0.81	4.0	
156-60-5	trans-1,2-Dichloroethylene	1.1		0.62	4.0	J
78-87-5	1,2-Dichloropropane			0.68	4.0	

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1 - FORM I
ANALYSIS DATA SHEET

DUP-1

11

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-11	File ID:	C24V12226.D
Sampled:	04/25/24 00:00	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 19:18
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
10061-01-5	cis-1,3-Dichloropropene			0.51	2.0	
10061-02-6	trans-1,3-Dichloropropene			0.58	2.0	
100-41-4	Ethylbenzene			0.55	4.0	
591-78-6	2-Hexanone (MBK)			5.4	40	
98-82-8	Isopropylbenzene (Cumene)			0.62	4.0	
99-87-6	p-Isopropyltoluene (p-Cymene)			0.62	4.0	
79-20-9	Methyl Acetate			1.9	4.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.67	4.0	
108-87-2	Methyl Cyclohexane			0.53	4.0	
75-09-2	Methylene Chloride			0.76	20	
108-10-1	4-Methyl-2-pentanone (MIBK)			5.5	40	
91-20-3	Naphthalene		UJ	0.99	8.0	V-05
103-65-1	n-Propylbenzene			0.44	4.0	
100-42-5	Styrene			0.52	4.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.41	2.0	
127-18-4	Tetrachloroethylene	2.5		0.67	4.0	J
108-88-3	Toluene			0.46	4.0	
87-61-6	1,2,3-Trichlorobenzene			0.87	20	
120-82-1	1,2,4-Trichlorobenzene			0.78	4.0	
71-55-6	1,1,1-Trichloroethane			0.56	4.0	
79-00-5	1,1,2-Trichloroethane			0.73	4.0	
79-01-6	Trichloroethylene	320		0.66	4.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.57	8.0	
96-18-4	1,2,3-Trichloropropane			1.1	8.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.63	4.0	
95-63-6	1,2,4-Trimethylbenzene			0.62	4.0	
108-67-8	1,3,5-Trimethylbenzene			0.68	4.0	
75-01-4	Vinyl Chloride	1.2		0.77	8.0	J
179601-23-1	m+p Xylene			0.98	8.0	
95-47-6	o-Xylene			0.62	4.0	

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1 - FORM I
ANALYSIS DATA SHEET

DUP-1

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24D3388-11	File ID:	C24V12226.D
Sampled:	04/25/24 00:00	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 19:18
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		4.0	4.0	
	No TICs Found	0.0			

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1 - FORM I
ANALYSIS DATA SHEET

Field Blank

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Field Blank	Laboratory ID:	24D3388-12	File ID:	C24V12212.D
Sampled:	04/26/24 00:00	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 13:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide	UJ	1.5	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	
78-87-5	1,2-Dichloropropane		0.17	1.0	

MJ 5/1/24

1 - FORM I
ANALYSIS DATA SHEET

Field Blank

12

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Field Blank	Laboratory ID:	24D3388-12	File ID:	C24V12212.D
Sampled:	04/26/24 00:00	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 13:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene	UJ	0.25	2.0	~~V-05~~
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride		0.19	2.0	
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	

MW 6/11/24

1 - FORM I
ANALYSIS DATA SHEET

Field Blank

12

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Field Blank	Laboratory ID:	24D3388-12	File ID:	C24V12212.D
Sampled:	04/26/24 00:00	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 13:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		1.0	1.0	
	No TICs Found	0.0			

MW
6/1/24

1 - FORM I
ANALYSIS DATA SHEET

Trip Blank

13

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Trip Blank Water	Laboratory ID:	24D3388-13	File ID:	C24V12213.D
Sampled:	04/24/24 00:00	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 13:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.14	1.0	
74-97-5	Bromochloromethane		0.32	1.0	
75-27-4	Bromodichloromethane		0.19	0.50	
75-25-2	Bromoform		0.30	1.0	
74-83-9	Bromomethane		1.5	2.0	
78-93-3	2-Butanone (MEK)		1.4	20	
104-51-8	n-Butylbenzene		0.16	1.0	
135-98-8	sec-Butylbenzene		0.16	1.0	
98-06-6	tert-Butylbenzene		0.17	1.0	
75-15-0	Carbon Disulfide	4J	1.5	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.19	5.0	
108-90-7	Chlorobenzene		0.18	1.0	
124-48-1	Chlorodibromomethane		0.13	0.50	
75-00-3	Chloroethane		0.46	2.0	
67-66-3	Chloroform		0.19	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.63	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.13	0.50	
95-50-1	1,2-Dichlorobenzene		0.17	1.0	
541-73-1	1,3-Dichlorobenzene		0.15	1.0	
106-46-7	1,4-Dichlorobenzene		0.17	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.20	2.0	
75-34-3	1,1-Dichloroethane		0.15	1.0	
107-06-2	1,2-Dichloroethane		0.13	1.0	
75-35-4	1,1-Dichloroethylene		0.18	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.20	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.16	1.0	
78-87-5	1,2-Dichloropropane		0.17	1.0	

MW 6.1.24

1 - FORM I
ANALYSIS DATA SHEET

Trip Blank

13

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Trip Blank Water	Laboratory ID:	24D3388-13	File ID:	C24V12213.D
Sampled:	04/24/24 00:00	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 13:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
10061-01-5	cis-1,3-Dichloropropene		0.13	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
100-41-4	Ethylbenzene		0.14	1.0	
591-78-6	2-Hexanone (MBK)		1.3	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.16	1.0	
79-20-9	Methyl Acetate		0.48	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.13	1.0	
75-09-2	Methylene Chloride		0.19	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.4	10	
91-20-3	Naphthalene	UJ	0.25	2.0	~~V-05~~
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.13	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.10	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.19	1.0	
71-55-6	1,1,1-Trichloroethane		0.14	1.0	
79-00-5	1,1,2-Trichloroethane		0.18	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	2.0	
96-18-4	1,2,3-Trichloropropane		0.27	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.16	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.16	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.17	1.0	
75-01-4	Vinyl Chloride		0.19	2.0	
179601-23-1	m+p Xylene		0.25	2.0	
95-47-6	o-Xylene		0.16	1.0	

MW 5/1/24

1 - FORM I
ANALYSIS DATA SHEET

13

Trip Blank

Laboratory:	Pace New England			Work Order:	24D3388
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Trip Blank Water	Laboratory ID:	24D3388-13	File ID:	C24V12213.D
Sampled:	04/24/24 00:00	Prepared:	04/30/24 13:14	Analyzed:	05/01/24 13:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B372990	Sequence:	S103971	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
1330-20-7	Xylenes (total)		1.0	1.0	
	No TICs Found	0.0			

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 24A1617
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: June 1, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	GW-WL-9(10)	24A1617-01	Water
2	GW-WL-9(20)	24A1617-02	Water
3	GW-WL-9(30)	24A1617-03	Water
4	GW-WL-9(40)	24A1617-04	Water
5	GW-WL-9(50)	24A1617-05	Water
6	Equipment Blank-1	24A1617-06	Water
7	GW-WL-8(10)	24A1617-07	Water
8	GW-WL-8(20)	24A1617-08	Water
8MS	GW-WL-8(20)MS	24A1617-08MS	Water
8MSD	GW-WL-8(20)MSD	24A1617-08MSD	Water
9	GW-WL-8(30)	24A1617-09	Water
10	GW-WL-8(40)	24A1617-10	Water
12	Equipment Blank-2	24A1617-12	Water
13	GW-WL-10(10)	24A1617-13	Water
14	GW-WL-10(20)	24A1617-14	Water
15	GW-WL-10(30)	24A1617-15	Water
16	GW-WL-10(40)	24A1617-16	Water
17	DUP-1	24A1617-17	Water

A Data Usability Summary Review was performed on the analytical data for fourteen water samples and two aqueous equipment blank samples collected on January 17, 2024 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) except for the following.

MS/MSD Sample	Compound	MS %R/MSD %R/RPD	Qualifier
8	Carbon Disulfide	OK/69.6%/OK	None - See CCAL
	1,4-Dioxane	69.9%/OK/OK	UJ
	Trichloroethylene	212%/156%/OK	J

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The LCS/LCSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples are summarized below.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
Equipment Blank-1	None - ND	-	-	-
Equipment Blank-2	Acetone	3.7	U	13, 15, 16

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
01/19/24 (0920)	Carbon Disulfide	32.7%	UJ	All Samples
	1,2-Dichloroethane	20.1%		
	1,2,4-Trichlorobenzene	22.6%		

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Field Duplicate Sample Precision

- Field duplicate sample results are summarized below.

Compound	GW-WL-8(30) ug/L	DUP-1 ug/L	RPD	Qualifier
cis-1,2-Dichloroethylene	4.2	4.8	13%	None
trans-1,2-Dichloroethylene	0.17U	0.33	NC	
Tetrachloroethylene	5.8	6.3	8%	
Trichloroethylene	5.1	5.4	6%	

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: D. Weaver for Dated: 6/3/24

Nancy Weaver
Senior Chemist

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

1 - FORM I
ANALYSIS DATA SHEET

GW-WL-9(10)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-01	File ID:	C24V01923.D
Sampled:	01/15/24 10:35	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 17:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform	0.35	0.14	2.0	J
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	7.0	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

NW 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

GW-WL-9(10)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-01	File ID:	C24V01923.D
Sampled:	01/15/24 10:35	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 17:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.17	1.0	
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	0.62		0.17	1.0	J
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		UJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	4.3		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride			0.24	2.0	
1330-20-7	Xylenes (total)			1.0	1.0	

MW 6/1/24

1 - FORM I
ANALYSIS DATA SHEET

GW-WL-9(20)

2

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-02	File ID:	C24V01918.D
Sampled:	01/15/24 11:30	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 15:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone			2.0	50	
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		U J	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	
67-66-3	Chloroform	0.28		0.14	2.0	J
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		U J	0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.34		0.14	1.0	J
156-59-2	cis-1,2-Dichloroethylene	29		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	1.1		0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
123-91-1	1,4-Dioxane			18	50	

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ANALYSIS DATA SHEET

GW-WL-9(20)

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Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton P			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-02	File ID:	C24V01918.D
Sampled:	01/15/24 11:30	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 15:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.17	1.0	
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	2.6		0.17	1.0	
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		UJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	37		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride	0.49		0.24	2.0	J
1330-20-7	Xylenes (total)			1.0	1.0	

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GW-WL-9(30)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-03	File ID:	C24V01919.D
Sampled:	01/15/24 12:11	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 16:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	12	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.60	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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GW-WL-9(30)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-03	File ID:	C24V01919.D
Sampled:	01/15/24 12:11	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 16:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.26		0.17	1.0	J
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	9.4		0.17	1.0	
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		uJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	30		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride			0.24	2.0	
1330-20-7	Xylenes (total)			1.0	1.0	

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ANALYSIS DATA SHEET

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GW-WL-9(40)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-04	File ID:	C24V01912.D
Sampled:	01/15/24 13:00	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 12:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone			2.0	50	
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	
67-66-3	Chloroform	0.18		0.14	2.0	J
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene			0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.2		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.61		0.17	1.0	J
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
123-91-1	1,4-Dioxane			18	50	

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GW-WL-9(40)

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Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton P			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-04	File ID:	C24V01912.D
Sampled:	01/15/24 13:00	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 12:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.27		0.17	1.0	J
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	11		0.17	1.0	
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		UJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	8.9		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride			0.24	2.0	
1330-20-7	Xylenes (total)			1.0	1.0	

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GW-WL-9(50)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-05	File ID:	C24V01913.D
Sampled:	01/15/24 13:45	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 13:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	5.9	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.56	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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GW-WL-9(50)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-05	File ID:	C24V01913.D
Sampled:	01/15/24 13:45	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 13:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.17	1.0	
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	9.8		0.17	1.0	
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		UJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	5.3		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride			0.24	2.0	
1330-20-7	Xylenes (total)			1.0	1.0	

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ANALYSIS DATA SHEET

Equipment Blank-1

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-06	File ID:	C24V01910.D
Sampled:	01/16/24 11:30	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 12:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	V-05
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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Equipment Blank-1

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-06	File ID:	C24V01910.D
Sampled:	01/16/24 11:30	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 12:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene	U	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-8(10)

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Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-07	File ID:	C24V01924.D
Sampled:	01/16/24 12:05	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 18:14
Solids:		Preparation:	SW-846 5030B	Dilution:	5
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone			10	250	
71-43-2	Benzene			0.92	5.0	
74-97-5	Bromochloromethane			1.4	5.0	
75-27-4	Bromodichloromethane			0.79	2.5	
75-25-2	Bromoform			2.0	5.0	
74-83-9	Bromomethane			6.6	10	
78-93-3	2-Butanone (MEK)			8.4	100	
75-15-0	Carbon Disulfide		UJ	7.8	25	~~V-05~~
56-23-5	Carbon Tetrachloride			0.82	25	
108-90-7	Chlorobenzene			0.59	5.0	
124-48-1	Chlorodibromomethane			1.0	2.5	
75-00-3	Chloroethane			1.7	10	
67-66-3	Chloroform	1.2		0.70	10	J
74-87-3	Chloromethane			2.5	10	
110-82-7	Cyclohexane			8.8	25	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			4.3	25	
106-93-4	1,2-Dibromoethane (EDB)			0.80	2.5	
95-50-1	1,2-Dichlorobenzene			0.65	5.0	
541-73-1	1,3-Dichlorobenzene			0.68	5.0	
106-46-7	1,4-Dichlorobenzene			0.64	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.80	10	
75-34-3	1,1-Dichloroethane			0.68	5.0	
107-06-2	1,2-Dichloroethane		UJ	1.5	5.0	
75-35-4	1,1-Dichloroethylene			0.70	5.0	
156-59-2	cis-1,2-Dichloroethylene	61		0.70	5.0	
156-60-5	trans-1,2-Dichloroethylene			0.86	5.0	
78-87-5	1,2-Dichloropropane			0.97	5.0	
10061-01-5	cis-1,3-Dichloropropene			0.82	2.5	
10061-02-6	trans-1,3-Dichloropropene			0.71	2.5	
123-91-1	1,4-Dioxane			90	250	

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GW-WL-8(10)

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Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-07	File ID:	C24V01924.D
Sampled:	01/16/24 12:05	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 18:14
Solids:		Preparation:	SW-846 5030B	Dilution:	5
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			1.1	5.0	
591-78-6	2-Hexanone (MBK)			6.0	50	
98-82-8	Isopropylbenzene (Cumene)			0.76	5.0	
79-20-9	Methyl Acetate			3.0	5.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.85	5.0	
108-87-2	Methyl Cyclohexane			0.78	5.0	
75-09-2	Methylene Chloride			0.88	25	
108-10-1	4-Methyl-2-pentanone (MIBK)			6.6	50	
100-42-5	Styrene			0.75	5.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.68	2.5	
127-18-4	Tetrachloroethylene	4.2		0.84	5.0	J
108-88-3	Toluene			1.1	5.0	
87-61-6	1,2,3-Trichlorobenzene			1.7	25	
120-82-1	1,2,4-Trichlorobenzene		UJ	1.5	5.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.75	5.0	
79-00-5	1,1,2-Trichloroethane			0.96	5.0	
79-01-6	Trichloroethylene	500		0.87	5.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.77	10	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			1.0	5.0	
75-01-4	Vinyl Chloride			1.2	10	
1330-20-7	Xylenes (total)			5.0	5.0	

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GW-WL-8(20)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-08	File ID:	C24V01925.D
Sampled:	01/16/24 13:27	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 18:41
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone		8.0	200	
71-43-2	Benzene		0.74	4.0	
74-97-5	Bromochloromethane		1.1	4.0	
75-27-4	Bromodichloromethane		0.63	2.0	
75-25-2	Bromoform		1.6	4.0	
74-83-9	Bromomethane		5.3	8.0	
78-93-3	2-Butanone (MEK)		6.7	80	
75-15-0	Carbon Disulfide	UJ	6.2	20	~~V-05~~
56-23-5	Carbon Tetrachloride		0.65	20	
108-90-7	Chlorobenzene		0.48	4.0	
124-48-1	Chlorodibromomethane		0.80	2.0	
75-00-3	Chloroethane		1.4	8.0	
67-66-3	Chloroform		0.56	8.0	
74-87-3	Chloromethane		2.0	8.0	
110-82-7	Cyclohexane		7.1	20	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		3.4	20	
106-93-4	1,2-Dibromoethane (EDB)		0.64	2.0	
95-50-1	1,2-Dichlorobenzene		0.52	4.0	
541-73-1	1,3-Dichlorobenzene		0.55	4.0	
106-46-7	1,4-Dichlorobenzene		0.51	4.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.64	8.0	
75-34-3	1,1-Dichloroethane		0.55	4.0	
107-06-2	1,2-Dichloroethane	UJ	1.2	4.0	
75-35-4	1,1-Dichloroethylene	1.3	0.56	4.0	J
156-59-2	cis-1,2-Dichloroethylene	82	0.56	4.0	
156-60-5	trans-1,2-Dichloroethylene		0.69	4.0	
78-87-5	1,2-Dichloropropane		0.77	4.0	
10061-01-5	cis-1,3-Dichloropropene		0.65	2.0	
10061-02-6	trans-1,3-Dichloropropene		0.57	2.0	
123-91-1	1,4-Dioxane	UJ	72	200	

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GW-WL-8(20)

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Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-08	File ID:	C24V01925.D
Sampled:	01/16/24 13:27	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 18:41
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.88	4.0	
591-78-6	2-Hexanone (MBK)			4.8	40	
98-82-8	Isopropylbenzene (Cumene)			0.60	4.0	
79-20-9	Methyl Acetate			2.4	4.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.68	4.0	
108-87-2	Methyl Cyclohexane			0.62	4.0	
75-09-2	Methylene Chloride			0.71	20	
108-10-1	4-Methyl-2-pentanone (MIBK)			5.3	40	
100-42-5	Styrene			0.60	4.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.55	2.0	
127-18-4	Tetrachloroethylene	4.1		0.67	4.0	
108-88-3	Toluene			0.89	4.0	
87-61-6	1,2,3-Trichlorobenzene			1.4	20	
120-82-1	1,2,4-Trichlorobenzene		UJ	1.2	4.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.60	4.0	
79-00-5	1,1,2-Trichloroethane			0.76	4.0	
79-01-6	Trichloroethylene	370	J	0.70	4.0	~~MS-19~~
75-69-4	Trichlorofluoromethane (Freon 11)			0.62	8.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.83	4.0	
75-01-4	Vinyl Chloride			0.95	8.0	
1330-20-7	Xylenes (total)			4.0	4.0	

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GW-WL-8(30)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-09	File ID:	C24V01914.D
Sampled:	01/16/24 14:28	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 13:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	4.2	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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GW-WL-8(30)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-09	File ID:	C24V01914.D
Sampled:	01/16/24 14:28	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 13:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.17	1.0	
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	5.8		0.17	1.0	
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		U J	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	5.1		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride			0.24	2.0	
1330-20-7	Xylenes (total)			1.0	1.0	

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GW-WL-8(40)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-10	File ID:	C24V01915.D
Sampled:	01/16/24 15:06	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 14:14
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone			2.0	50	
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane	1.3		0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	
67-66-3	Chloroform	6.7		0.14	2.0	
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene			0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	2.1		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
123-91-1	1,4-Dioxane			18	50	

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GW-WL-8(40)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-10	File ID:	C24V01915.D
Sampled:	01/16/24 15:06	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 14:14
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.17	1.0	
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	3.1		0.17	1.0	
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		UJ	0.30	1.0	V-05
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	2.1		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride			0.24	2.0	
1330-20-7	Xylenes (total)			1.0	1.0	

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Equipment Blank-2

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Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-12	File ID:	C24V01911.D
Sampled:	01/17/24 09:45	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 12:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
67-64-1	Acetone	3.7	2.0	50	J
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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Equipment Blank-2

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-12	File ID:	C24V01911.D
Sampled:	01/17/24 09:45	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 12:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene	UJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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ANALYSIS DATA SHEET

GW-WL-10(10)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-13	File ID:	C24V01916.D
Sampled:	01/17/24 10:37	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 14:40
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone	2.4	u	2.0	50	d
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	
67-66-3	Chloroform			0.14	2.0	
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene			0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene			0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
123-91-1	1,4-Dioxane			18	50	

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GW-WL-10(10)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-13	File ID:	C24V01916.D
Sampled:	01/17/24 10:37	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 14:40
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene	UJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-10(20)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-14	File ID:	C24V01920.D
Sampled:	01/17/24 11:12	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 16:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone			2.0	50	
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	
67-66-3	Chloroform			0.14	2.0	
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene			0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.9		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
123-91-1	1,4-Dioxane			18	50	

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GW-WL-10(20)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-14	File ID:	C24V01920.D
Sampled:	01/17/24 11:12	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 16:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.21		0.17	1.0	J
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	50		0.17	1.0	
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		UJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	4.0		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride			0.24	2.0	
1330-20-7	Xylenes (total)			1.0	1.0	

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ANALYSIS DATA SHEET

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GW-WL-10(30)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-15	File ID:	C24V01921.D
Sampled:	01/17/24 11:56	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 16:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone	2.8	U	2.0	50	~~J~~
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	
67-66-3	Chloroform	0.25		0.14	2.0	J
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.40		0.14	1.0	J
156-59-2	cis-1,2-Dichloroethylene	1.6		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
123-91-1	1,4-Dioxane			18	50	

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GW-WL-10(30)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-15	File ID:	C24V01921.D
Sampled:	01/17/24 11:56	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 16:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.47		0.17	1.0	J
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	47		0.17	1.0	
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		UJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	2.7		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride			0.24	2.0	
1330-20-7	Xylenes (total)			1.0	1.0	

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ANALYSIS DATA SHEET

GW-WL-10(40)

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Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-16	File ID:	C24V01922.D
Sampled:	01/17/24 14:09	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 17:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone	2.6	U	2.0	50	J
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	
67-66-3	Chloroform	0.37		0.14	2.0	J
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.43		0.14	1.0	J
156-59-2	cis-1,2-Dichloroethylene	1.2		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
123-91-1	1,4-Dioxane			18	50	

NW 6/11/24

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1 - FORM I
ANALYSIS DATA SHEET

GW-WL-10(40)

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-16	File ID:	C24V01922.D
Sampled:	01/17/24 14:09	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 17:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.37		0.17	1.0	J
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	45		0.17	1.0	
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		UJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	1.9		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	0.22		0.15	2.0	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride			0.24	2.0	
1330-20-7	Xylenes (total)			1.0	1.0	

NW
6/1/24

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1 - FORM I
ANALYSIS DATA SHEET

DUP-1

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-17	File ID:	C24V01917.D
Sampled:	01/17/24 00:00	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 15:07
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
67-64-1	Acetone			2.0	50	
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	
67-66-3	Chloroform			0.14	2.0	
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene			0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	4.8		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.33		0.17	1.0	J
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
123-91-1	1,4-Dioxane			18	50	

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1 - FORM I
ANALYSIS DATA SHEET

DUP-1

Laboratory:	Pace New England			Work Order:	24A1617
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1617-17	File ID:	C24V01917.D
Sampled:	01/17/24 00:00	Prepared:	01/18/24 13:13	Analyzed:	01/19/24 15:07
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363714	Sequence:	S099435	Calibration:	2200537
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	
100-41-4	Ethylbenzene			0.22	1.0	
591-78-6	2-Hexanone (MBK)			1.2	10	
98-82-8	Isopropylbenzene (Cumene)			0.15	1.0	
79-20-9	Methyl Acetate			0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)			0.17	1.0	
108-87-2	Methyl Cyclohexane			0.16	1.0	
75-09-2	Methylene Chloride			0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)			1.3	10	
100-42-5	Styrene			0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane			0.14	0.50	
127-18-4	Tetrachloroethylene	6.3		0.17	1.0	
108-88-3	Toluene			0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene			0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		UJ	0.30	1.0	~~V-05~~
71-55-6	1,1,1-Trichloroethane			0.15	1.0	
79-00-5	1,1,2-Trichloroethane			0.19	1.0	
79-01-6	Trichloroethylene	5.4		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)			0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1			0.21	1.0	
75-01-4	Vinyl Chloride			0.24	2.0	
1330-20-7	Xylenes (total)			1.0	1.0	

MW
6/1/24

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 24A1891
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: March 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	GW-WL-8(50)	24A1891-01	Water
2	GW-WL-10(50)	24A1891-02	Water
3	Equipment Blank_3	24A1891-03	Water
4	GW-WL-2(10)	24A1891-04	Water
5	GW-WL-2(20)	24A1891-05	Water
6	GW-WL-2(30)	24A1891-06	Water
7	GW-WL-2(40)	24A1891-07	Water
8	GW-WL-2(50)	24A1891-08	Water
9	Equipment Blank_4	24A1891-09	Water
10	GW-WL-1(10)	24A1891-10	Water
10MS	GW-WL-1(10)MS	24A1891-10MS	Water
10MSD	GW-WL-1(10)MSD	24A1891-10MSD	Water
11	GW-WL-1(20)	24A1891-11	Water
12	GW-WL-1(30)	24A1891-12	Water
13	GW-WL-1(40)	24A1891-13	Water
14	GW-WL-1(50)	24A1891-14	Water
15	Equipment Blank_5	24A1891-15	Water
16	DUP-2	24A1891-16	Water
17	GW-WL-5(10)	24A1891-17	Water
18	GW-WL-5(20)	24A1891-18	Water
19	GW-WL-5(30)	24A1891-19	Water
20	GW-WL-5(40)	24A1891-20	Water

A Data Usability Summary Review was performed on the analytical data for seventeen water samples and three aqueous equipment blank samples collected on January 16-19, 2024 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	%R/%RSD/RPD	Qualifier	Affected Samples
B363924-BS1/BSD1	Freon 11	133%/OK/OK	None	See CCAL

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples are summarized below.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
Equipment Blank_3	Acetone	5.4	None	All Associated ND
Equipment Blank_4	Acetone	11	None	All Associated ND
Equipment Blank_5	Acetone	3.2	None	All Associated ND
	Bromodichloromethane	6.5		
	Chlorodibromomethane	0.66		
	Chloroform	33	U	18, 19
	Toluene	0.40	None	All Associated ND

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
01/23/24 (0850)	Methyl Acetate	23.5%	UJ	All Samples
	Freon 11	30.0%	J/UJ	
	Freon 113	28.6%	UJ	

Compound Quantitation

- EDS sample 4 was analyzed at a 5X dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	GW-WL-1(20) ug/L	DUP-2 ug/L	RPD	Qualifier
cis-1,2-Dichloroethylene	3.6	3.6	0%	None
trans-1,2-Dichloroethylene	0.38	0.37	3%	
Methyl tert-Butyl Ether	0.46	0.50	8%	
Tetrachloroethylene	21	22	5%	
Trichloroethylene	7.1	7.4	4%	
Vinyl Chloride	0.55	0.63	14%	None

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 3/4/24

Nancy Weaver
Senior Chemist

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

1 - FORM I
ANALYSIS DATA SHEET

GW-WL-8(50)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-01	File ID:	B24V02311.D
Sampled:	01/16/24 15:06	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 12:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	0.48	0.14	1.0	J
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

1 - FORM I
ANALYSIS DATA SHEET

GW-WL-8(50)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-01	File ID:	B24V02311.D
Sampled:	01/16/24 15:06	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 12:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.19	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	1.2	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	0.89	0.17	1.0	J
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

MW
3/4/24

1 - FORM I
ANALYSIS DATA SHEET

2

GW-WL-10(50)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-02	File ID:	B24V02312.D
Sampled:	01/17/24 14:44	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 12:44
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform	0.22	0.14	2.0	J
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.37	0.14	1.0	J
156-59-2	cis-1,2-Dichloroethylene	0.86	0.14	1.0	J
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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GW-WL-10(50)

2

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-02	File ID:	B24V02312.D
Sampled:	01/17/24 14:44	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 12:44
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.30	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	35	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	1.4	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	0.22 J	0.15	2.0	~~V-06, J~~
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

3

Equipment Blank_3

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Equipment Blank Water	Laboratory ID:	24A1891-03	File ID:	B24V02308.D
Sampled:	01/17/24 15:30	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 11:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	5.4	2.0	50	J
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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Equipment Blank_3

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Equipment Blank Water	Laboratory ID:	24A1891-03	File ID:	B24V02308.D
Sampled:	01/17/24 15:30	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 11:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-2(10)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-04	File ID:	B24V02327.D
Sampled:	01/18/24 10:12	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 19:15
Solids:		Preparation:	SW-846 5030B	Dilution:	5
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		10	250	
71-43-2	Benzene		0.92	5.0	
74-97-5	Bromochloromethane		1.4	5.0	
75-27-4	Bromodichloromethane		0.79	2.5	
75-25-2	Bromoform		2.0	5.0	
74-83-9	Bromomethane		6.6	10	
78-93-3	2-Butanone (MEK)		8.4	100	
75-15-0	Carbon Disulfide		7.8	25	
56-23-5	Carbon Tetrachloride		0.82	25	
108-90-7	Chlorobenzene		0.59	5.0	
124-48-1	Chlorodibromomethane		1.0	2.5	
75-00-3	Chloroethane		1.7	10	
67-66-3	Chloroform		0.70	10	
74-87-3	Chloromethane		2.5	10	
110-82-7	Cyclohexane	18	8.8	25	J
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		4.3	25	
106-93-4	1,2-Dibromoethane (EDB)		0.80	2.5	
95-50-1	1,2-Dichlorobenzene		0.65	5.0	
541-73-1	1,3-Dichlorobenzene		0.68	5.0	
106-46-7	1,4-Dichlorobenzene		0.64	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.80	10	
75-34-3	1,1-Dichloroethane		0.68	5.0	
107-06-2	1,2-Dichloroethane		1.5	5.0	
75-35-4	1,1-Dichloroethylene		0.70	5.0	
156-59-2	cis-1,2-Dichloroethylene		0.70	5.0	
156-60-5	trans-1,2-Dichloroethylene		0.86	5.0	
78-87-5	1,2-Dichloropropane		0.97	5.0	
10061-01-5	cis-1,3-Dichloropropene		0.82	2.5	
10061-02-6	trans-1,3-Dichloropropene		0.71	2.5	
123-91-1	1,4-Dioxane		90	250	

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GW-WL-2(10)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-04	File ID:	B24V02327.D
Sampled:	01/18/24 10:12	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 19:15
Solids:		Preparation:	SW-846 5030B	Dilution:	5
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene	32	1.1	5.0	
591-78-6	2-Hexanone (MBK)		6.0	50	
98-82-8	Isopropylbenzene (Cumene)	190	0.76	5.0	
79-20-9	Methyl Acetate	UJ	3.0	5.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.85	5.0	
108-87-2	Methyl Cyclohexane	14	0.78	5.0	
75-09-2	Methylene Chloride		0.88	25	
108-10-1	4-Methyl-2-pentanone (MIBK)		6.6	50	
100-42-5	Styrene		0.75	5.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.68	2.5	
127-18-4	Tetrachloroethylene		0.84	5.0	
108-88-3	Toluene		1.1	5.0	
87-61-6	1,2,3-Trichlorobenzene		1.7	25	
120-82-1	1,2,4-Trichlorobenzene		1.5	5.0	
71-55-6	1,1,1-Trichloroethane		0.75	5.0	
79-00-5	1,1,2-Trichloroethane		0.96	5.0	
79-01-6	Trichloroethylene		0.87	5.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.77	10	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	1.0	5.0	
75-01-4	Vinyl Chloride		1.2	10	
1330-20-7	Xylenes (total)		5.0	5.0	

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ANALYSIS DATA SHEET

GW-WL-2(20)

5

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-05	File ID:	B24V02326.D
Sampled:	01/18/24 10:52	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 18:49
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform	0.55	0.14	2.0	J
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane	14	1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	2.3	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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ANALYSIS DATA SHEET

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GW-WL-2(20)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-05	File ID:	B24V02326.D
Sampled:	01/18/24 10:52	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 18:49
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene	2.5	0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)	95	0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane	8.3	0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene	0.77	0.22	1.0	J
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride	8.6	0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

NW
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1 - FORM I
ANALYSIS DATA SHEET

GW-WL-2(30)

6

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-06	File ID:	B24V02313.D
Sampled:	01/18/24 11:31	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 13:10
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	5.5	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.43	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

MW 2/4/24

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ANALYSIS DATA SHEET

GW-WL-2(30)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-06	File ID:	B24V02313.D
Sampled:	01/18/24 11:31	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 13:10
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.44	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	51	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	6.6	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride	0.32	0.24	2.0	J
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-2(40)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-07	File ID:	B24V02314.D
Sampled:	01/18/24 12:12	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 13:36
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	4.2	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.37	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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GW-WL-2(40)

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Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-07	File ID:	B24V02314.D
Sampled:	01/18/24 12:12	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 13:36
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.21	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	39	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	5.3	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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ANALYSIS DATA SHEET

GW-WL-2(50)

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Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-08	File ID:	B24V02315.D
Sampled:	01/18/24 12:47	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 14:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	2.3	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.29	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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GW-WL-2(50)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-08	File ID:	B24V02315.D
Sampled:	01/18/24 12:47	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 14:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	18	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	3.5	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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Equipment Blank_4

9

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Equipment Blank Water	Laboratory ID:	24A1891-09	File ID:	B24V02309.D
Sampled:	01/18/24 13:20	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 11:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	11	2.0	50	J
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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Equipment Blank_4

9

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Equipment Blank Water	Laboratory ID:	24A1891-09	File ID:	B24V02309.D
Sampled:	01/18/24 13:20	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 11:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-1(10)

10

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-10	File ID:	B24V02316.D
Sampled:	01/18/24 14:30	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 14:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	5.2	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.70	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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GW-WL-1(10)

10

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-10	File ID:	B24V02316.D
Sampled:	01/18/24 14:30	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 14:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.19	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	10	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	5.4	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride	0.72	0.24	2.0	J
1330-20-7	Xylenes (total)		1.0	1.0	

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ANALYSIS DATA SHEET

GW-WL-1(20)

11

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-11	File ID:	B24V02317.D
Sampled:	01/18/24 15:11	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 14:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	3.6	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.38	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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1 - FORM I
ANALYSIS DATA SHEET

GW-WL-1(20)

11

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-11	File ID:	B24V02317.D
Sampled:	01/18/24 15:11	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 14:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.46	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	21	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	7.1	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride	0.55	0.24	2.0	J
1330-20-7	Xylenes (total)		1.0	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

GW-WL-1(30)

12

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-12	File ID:	B24V02318.D
Sampled:	01/18/24 15:45	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 15:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	3.6	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.43	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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1 - FORM I
ANALYSIS DATA SHEET

GW-WL-1(30)

12

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-12	File ID:	B24V02318.D
Sampled:	01/18/24 15:45	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 15:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.18	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	12	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	4.6	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

GW-WL-1(40)

13

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-13	File ID:	B24V02319.D
Sampled:	01/18/24 08:23	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 15:46
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	0.31	0.14	1.0	J
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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ANALYSIS DATA SHEET

GW-WL-1(40)

13

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-13	File ID:	B24V02319.D
Sampled:	01/18/24 08:23	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 15:46
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	2.3	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	0.74	0.17	1.0	J
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

GW-WL-1(50)

14

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-14	File ID:	B24V02320.D
Sampled:	01/19/24 09:28	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 16:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.0	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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ANALYSIS DATA SHEET

14

GW-WL-1(50)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-14	File ID:	B24V02320.D
Sampled:	01/19/24 09:28	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 16:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.26	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	5.2	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	2.0	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

15

Equipment Blank_5

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Equipment Blank Water	Laboratory ID:	24A1891-15	File ID:	B24V02310.D
Sampled:	01/19/24 08:30	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 11:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	3.2	2.0	50	J
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane	6.5	0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane	0.66	0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform	33	0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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ANALYSIS DATA SHEET

15

Equipment Blank_5

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Equipment Blank Water	Laboratory ID:	24A1891-15	File ID:	B24V02310.D
Sampled:	01/19/24 08:30	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 11:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene	0.40	0.22	1.0	J
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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Dup-2

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-16	File ID:	B24V02321.D
Sampled:	01/18/24 00:00	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 16:39
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	3.6	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.37	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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16

Dup-2

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-16	File ID:	B24V02321.D
Sampled:	01/18/24 00:00	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 16:39
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.50	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	22	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	7.4	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride	0.63	0.24	2.0	J
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-5(10)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-17	File ID:	B24V02322.D
Sampled:	01/19/24 11:43	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 17:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.2	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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GW-WL-5(10)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-17	File ID:	B24V02322.D
Sampled:	01/19/24 11:43	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 17:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.22	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	33	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	2.8	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

MW
314124

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18

GW-WL-5(20)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-18	File ID:	B24V02323.D
Sampled:	01/19/24 12:24	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 17:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	Q
67-64-1	Acetone			2.0	50	
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide			1.6	5.0	
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	
67-66-3	Chloroform	0.61	U	0.14	2.0	
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane			0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.28		0.14	1.0	J
156-59-2	cis-1,2-Dichloroethylene	1.5		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene			0.14	0.50	
123-91-1	1,4-Dioxane			18	50	

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GW-WL-5(20)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-18	File ID:	B24V02323.D
Sampled:	01/19/24 12:24	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 17:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.36	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	42	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	2.9	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	UJ	0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

MW 214124

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ANALYSIS DATA SHEET

19

GW-WL-5(30)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-19	File ID:	B24V02324.D
Sampled:	01/19/24 13:03	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 17:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform	0.35 U	0.14	2.0	✓
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.38	0.14	1.0	J
156-59-2	cis-1,2-Dichloroethylene	1.2	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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ANALYSIS DATA SHEET

19

GW-WL-5(30)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-19	File ID:	B24V02324.D
Sampled:	01/19/24 13:03	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 17:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.35	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	45	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	2.2	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	0.17 J	0.15	2.0	~~V-06, J~~
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

MW
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1 - FORM I
ANALYSIS DATA SHEET

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GW-WL-5(40)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-20	File ID:	B24V02325.D
Sampled:	01/19/24 13:56	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 18:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
				Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane		0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.34	0.14	1.0	J
156-59-2	cis-1,2-Dichloroethylene	0.81	0.14	1.0	J
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	

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ANALYSIS DATA SHEET

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GW-WL-5(40)

Laboratory:	Pace New England			Work Order:	24A1891
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A1891-20	File ID:	B24V02325.D
Sampled:	01/19/24 13:56	Prepared:	01/22/24 11:21	Analyzed:	01/23/24 18:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B363924	Sequence:	S099534	Calibration:	2301046
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate	UJ	0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.25	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	37	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	1.2	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	0.19 J	0.15	2.0	~~V-06, J~~
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	UJ	0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

NW
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ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 24A2191
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: March 4, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	Equipment Blank_6	24A2191-01	Water
2	GW-WL-4(9)	24A2191-02	Water
3	GW-WL-4(20)	24A2191-03	Water
4	GW-WL-4(30)	24A2191-04	Water
5	GW-WL-4(40)	24A2191-05	Water
6	GW-WL-4(50)	24A2191-06	Water
7	Equipment Blank_7	24A2191-07	Water
8	GW-WL-3(20)	24A2191-08	Water
9	GW-WL-3(28.5)	24A2191-09	Water
10	GW-WL-3(33.5)	24A2191-10	Water
11	GW-WL-3(40)	24A2191-11	Water
12	GW-WL-3(50)	24A2191-12	Water

A Data Usability Summary Review was performed on the analytical data for ten water samples and two aqueous equipment blank samples collected on January 22-23, 2024 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260D

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	%R/%RSD/RPD	Qualifier	Affected Samples
B364206-BS1	Carbon Disulfide	63.8%/65.5%/OK	None	See CCAL
	1,2-Dichloroethane	131%/132%/OK	None	All Associated ND

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples are summarized below.

Sample ID	Compound	Conc. ug/L	Qualifier	Affected Samples
Equipment Blank_6	None - ND	-	-	-
Equipment Blank_7	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low

RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
01/26/24	Carbon Disulfide	34.1%	UJ	All Samples
	1,2-Dichloroethane	27.0%		

Compound Quantitation

- EDS samples 8 and 10 were analyzed at various dilutions due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Tentatively Identified Compounds (TICs)

- TICs were not detected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 3/4/24

Nancy Weaver
Senior Chemist

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

1 - FORM I
ANALYSIS DATA SHEET

Equipment Blank_6

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Equipment Blank Water	Laboratory ID:	24A2191-01	File ID:	C24V02538.D
Sampled:	01/22/24 09:00	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 00:45
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	~~V-05~~
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	

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ANALYSIS DATA SHEET

Equipment Blank_6

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Equipment Blank Water	Laboratory ID:	24A2191-01	File ID:	C24V02538.D
Sampled:	01/22/24 09:00	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 00:45
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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ANALYSIS DATA SHEET

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GW-WL-4(9)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-02	File ID:	C24V02540.D
Sampled:	01/22/24 09:47	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 01:39
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	Q
67-64-1	Acetone			2.0	50	
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	~~V-05~~
67-66-3	Chloroform	0.43		0.14	2.0	J
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene			0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene			0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	

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ANALYSIS DATA SHEET

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GW-WL-4(9)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-02	File ID:	C24V02540.D
Sampled:	01/22/24 09:47	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 01:39
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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ANALYSIS DATA SHEET

GW-WL-4(20)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-03	File ID:	C24V02541.D
Sampled:	01/22/24 10:45	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 02:06
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	Q
67-64-1	Acetone			2.0	50	
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0 12	1 0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	~~V-05~~
67-66-3	Chloroform			0.14	2.0	
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene			0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	3.0		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	

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GW-WL-4(20)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-03	File ID:	C24V02541.D
Sampled:	01/22/24 10:45	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 02:06
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	11	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	4.3	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-4(30)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-04	File ID:	C24V02542.D
Sampled:	01/22/24 11:33	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 02:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	V-05
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	

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GW-WL-4(30)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-04	File ID:	C24V02542.D
Sampled:	01/22/24 11:33	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 02:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.28	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride	12	0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-4(40)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-05	File ID:	C24V02543.D
Sampled:	01/22/24 12:19	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 02:59
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	Q
67-64-1	Acetone			2.0	50	
71-43-2	Benzene			0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane			0.16	0.50	
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	~~V-05~~
67-66-3	Chloroform			0.14	2.0	
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene			0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene	2.0		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	

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GW-WL-4(40)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-05	File ID:	C24V02543.D
Sampled:	01/22/24 12:19	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 02:59
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.53	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	25	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	2.4	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-4(50)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-06	File ID:	C24V02544.D
Sampled:	01/22/24 13:06	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 03:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	~~V-05~~
67-66-3	Chloroform	0.39	0.14	2.0	J
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.25	0.14	1.0	J
156-59-2	cis-1,2-Dichloroethylene	2.6	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	

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GW-WL-4(50)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-06	File ID:	C24V02544.D
Sampled:	01/22/24 13:06	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 03:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.40	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	33	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	3.8	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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Equipment Blank_7

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Equipment Blank Water	Laboratory ID:	24A2191-07	File ID:	C24V02539.D
Sampled:	01/22/24 13:30	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 01:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	~~V-05~~
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene		0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.17	1.0	
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	

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Equipment Blank_7

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Equipment Blank Water	Laboratory ID:	24A2191-07	File ID:	C24V02539.D
Sampled:	01/22/24 13:30	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 01:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.17	1.0	
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-3(20)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-08	File ID:	C24V02547.D
Sampled:	01/22/24 14:51	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 04:46
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	Q
67-64-1	Acetone			8.0	200	
71-43-2	Benzene	370		0.74	4.0	
74-97-5	Bromochloromethane			1.1	4.0	
75-27-4	Bromodichloromethane			0.63	2.0	
75-25-2	Bromoform			1.6	4.0	
74-83-9	Bromomethane			5.3	8.0	
78-93-3	2-Butanone (MEK)	13		6.7	80	J
75-15-0	Carbon Disulfide		UJ	6.2	20	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			0.65	20	
108-90-7	Chlorobenzene			0.48	4.0	
124-48-1	Chlorodibromomethane			0.80	2.0	
75-00-3	Chloroethane			1.4	8.0	~~V-05~~
67-66-3	Chloroform			0.56	8.0	
74-87-3	Chloromethane			2.0	8.0	
110-82-7	Cyclohexane	270		7.1	20	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			3.4	20	
106-93-4	1,2-Dibromoethane (EDB)			0.64	2.0	
95-50-1	1,2-Dichlorobenzene			0.52	4.0	
541-73-1	1,3-Dichlorobenzene			0.55	4.0	
106-46-7	1,4-Dichlorobenzene			0.51	4.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.64	8.0	
75-34-3	1,1-Dichloroethane			0.55	4.0	
107-06-2	1,2-Dichloroethane		UJ	1.2	4.0	
75-35-4	1,1-Dichloroethylene			0.56	4.0	
156-59-2	cis-1,2-Dichloroethylene			0.56	4.0	
156-60-5	trans-1,2-Dichloroethylene			0.69	4.0	
78-87-5	1,2-Dichloropropane			0.77	4.0	
10061-01-5	cis-1,3-Dichloropropene			0.65	2.0	

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GW-WL-3(20)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-08	File ID:	C24V02547.D
Sampled:	01/22/24 14:51	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 04:46
Solids:		Preparation:	SW-846 5030B	Dilution:	4
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.57	2.0	
123-91-1	1,4-Dioxane		72	200	
100-41-4	Ethylbenzene	1.9	0.88	4.0	J
591-78-6	2-Hexanone (MBK)		4.8	40	
98-82-8	Isopropylbenzene (Cumene)	45	0.60	4.0	
79-20-9	Methyl Acetate		2.4	4.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.92	0.68	4.0	J
108-87-2	Methyl Cyclohexane	180	0.62	4.0	
75-09-2	Methylene Chloride		0.71	20	
108-10-1	4-Methyl-2-pentanone (MIBK)		5.3	40	
100-42-5	Styrene		0.60	4.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.55	2.0	
127-18-4	Tetrachloroethylene	1.8	0.67	4.0	J
108-88-3	Toluene	8.4	0.89	4.0	
87-61-6	1,2,3-Trichlorobenzene		1.4	20	
120-82-1	1,2,4-Trichlorobenzene		1.2	4.0	
71-55-6	1,1,1-Trichloroethane		0.60	4.0	
79-00-5	1,1,2-Trichloroethane		0.76	4.0	
79-01-6	Trichloroethylene		0.70	4.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.62	8.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.83	4.0	
75-01-4	Vinyl Chloride		0.95	8.0	
1330-20-7	Xylenes (total)	11	4.0	4.0	

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GW-WL-3(28.5)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-09	File ID:	C24V02545.D
Sampled:	01/22/24 15:20	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 03:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	Q
67-64-1	Acetone	2.7		2.0	50	J
71-43-2	Benzene	2.5		0.18	1.0	
74-97-5	Bromochloromethane			0.28	1.0	
75-27-4	Bromodichloromethane	0.29		0.16	0.50	J
75-25-2	Bromoform			0.41	1.0	
74-83-9	Bromomethane			1.3	2.0	
78-93-3	2-Butanone (MEK)			1.7	20	
75-15-0	Carbon Disulfide		UJ	1.6	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			0.16	5.0	
108-90-7	Chlorobenzene			0.12	1.0	
124-48-1	Chlorodibromomethane			0.20	0.50	
75-00-3	Chloroethane			0.34	2.0	~~V-05~~
67-66-3	Chloroform	2.6		0.14	2.0	
74-87-3	Chloromethane			0.50	2.0	
110-82-7	Cyclohexane			1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)			0.16	0.50	
95-50-1	1,2-Dichlorobenzene			0.13	1.0	
541-73-1	1,3-Dichlorobenzene			0.14	1.0	
106-46-7	1,4-Dichlorobenzene			0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)			0.16	2.0	
75-34-3	1,1-Dichloroethane			0.14	1.0	
107-06-2	1,2-Dichloroethane		UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene			0.14	1.0	
156-59-2	cis-1,2-Dichloroethylene			0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene			0.17	1.0	
78-87-5	1,2-Dichloropropane			0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene			0.16	0.50	

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GW-WL-3(28.5)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-09	File ID:	C24V02545.D
Sampled:	01/22/24 15:20	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 03:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)	0.34	0.15	1.0	J
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.29	0.17	1.0	J
108-87-2	Methyl Cyclohexane	1.0	0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene		0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene		0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride	2.4	0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-3(33.5)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-10	File ID:	C24V02550.D
Sampled:	01/23/24 08:53	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 06:06
Solids:		Preparation:	SW-846 5030B	Dilution:	50
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)		MDL	RL	Q
67-64-1	Acetone			100	2500	
71-43-2	Benzene	260		9.2	50	
74-97-5	Bromochloromethane			14	50	
75-27-4	Bromodichloromethane			7.9	25	
75-25-2	Bromoform			20	50	
74-83-9	Bromomethane			66	100	
78-93-3	2-Butanone (MEK)			84	1000	
75-15-0	Carbon Disulfide		UJ	78	250	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride			8.2	250	
108-90-7	Chlorobenzene			5.9	50	
124-48-1	Chlorodibromomethane			10	25	
75-00-3	Chloroethane			17	100	~~V-05~~
67-66-3	Chloroform			7.0	100	
74-87-3	Chloromethane			25	100	
110-82-7	Cyclohexane			88	250	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)			43	250	
106-93-4	1,2-Dibromoethane (EDB)			8.0	25	
95-50-1	1,2-Dichlorobenzene			6.5	50	
541-73-1	1,3-Dichlorobenzene			6.8	50	
106-46-7	1,4-Dichlorobenzene			6.4	50	
75-71-8	Dichlorodifluoromethane (Freon 12)			8.0	100	
75-34-3	1,1-Dichloroethane			6.8	50	
107-06-2	1,2-Dichloroethane		UJ	15	50	
75-35-4	1,1-Dichloroethylene			7.0	50	
156-59-2	cis-1,2-Dichloroethylene	34		7.0	50	J
156-60-5	trans-1,2-Dichloroethylene			8.6	50	
78-87-5	1,2-Dichloropropane			9.7	50	
10061-01-5	cis-1,3-Dichloropropene			8.2	25	

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GW-WL-3(33.5)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-10	File ID:	C24V02550.D
Sampled:	01/23/24 08:53	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 06:06
Solids:		Preparation:	SW-846 5030B	Dilution:	50
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		7.1	25	
123-91-1	1,4-Dioxane		900	2500	
100-41-4	Ethylbenzene	780	11	50	
591-78-6	2-Hexanone (MBK)		60	500	
98-82-8	Isopropylbenzene (Cumene)	34	7.6	50	J
79-20-9	Methyl Acetate		30	50	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		8.5	50	
108-87-2	Methyl Cyclohexane		7.8	50	
75-09-2	Methylene Chloride		8.8	250	
108-10-1	4-Methyl-2-pentanone (MIBK)		66	500	
100-42-5	Styrene		7.5	50	
79-34-5	1,1,2,2-Tetrachloroethane		6.8	25	
127-18-4	Tetrachloroethylene	20	8.4	50	J
108-88-3	Toluene	48	11	50	J
87-61-6	1,2,3-Trichlorobenzene		17	250	
120-82-1	1,2,4-Trichlorobenzene		15	50	
71-55-6	1,1,1-Trichloroethane		7.5	50	
79-00-5	1,1,2-Trichloroethane		9.6	50	
79-01-6	Trichloroethylene		8.7	50	
75-69-4	Trichlorofluoromethane (Freon 11)		7.7	100	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		10	50	
75-01-4	Vinyl Chloride		12	100	
1330-20-7	Xylenes (total)	830	50	50	

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GW-WL-3(40)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-11	File ID:	C24V02549.D
Sampled:	01/23/24 09:40	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 05:39
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	~~V-05~~
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.54	0.14	1.0	J
156-59-2	cis-1,2-Dichloroethylene	6.4	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.35	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	

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GW-WL-3(40)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-11	File ID:	C24V02549.D
Sampled:	01/23/24 09:40	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 05:39
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene	0.36	0.22	1.0	J
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.53	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	61	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	9.1	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride	0.28	0.24	2.0	J
1330-20-7	Xylenes (total)		1.0	1.0	

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GW-WL-3(50)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-12	File ID:	C24V02546.D
Sampled:	01/23/24 10:22	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 04:19
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		2.0	50	
71-43-2	Benzene		0.18	1.0	
74-97-5	Bromochloromethane		0.28	1.0	
75-27-4	Bromodichloromethane		0.16	0.50	
75-25-2	Bromoform		0.41	1.0	
74-83-9	Bromomethane		1.3	2.0	
78-93-3	2-Butanone (MEK)		1.7	20	
75-15-0	Carbon Disulfide	UJ	1.6	5.0	~~L-04, V-05~~
56-23-5	Carbon Tetrachloride		0.16	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.20	0.50	
75-00-3	Chloroethane		0.34	2.0	~~V-05~~
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.50	2.0	
110-82-7	Cyclohexane		1.8	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.85	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.16	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.13	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.16	2.0	
75-34-3	1,1-Dichloroethane		0.14	1.0	
107-06-2	1,2-Dichloroethane	UJ	0.30	1.0	
75-35-4	1,1-Dichloroethylene	0.57	0.14	1.0	J
156-59-2	cis-1,2-Dichloroethylene	3.4	0.14	1.0	
156-60-5	trans-1,2-Dichloroethylene	0.21	0.17	1.0	J
78-87-5	1,2-Dichloropropane		0.19	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	

MW 3/4/24

1 - FORM I
ANALYSIS DATA SHEET

12

GW-WL-3(50)

Laboratory:	Pace New England			Work Order:	24A2191
Client:	NYDEC_HRP Associates - Clifton F			Project:	DW_473 President Street Off-Site - CO 145808
Matrix:	Ground Water	Laboratory ID:	24A2191-12	File ID:	C24V02546.D
Sampled:	01/23/24 10:22	Prepared:	01/25/24 07:13	Analyzed:	01/26/24 04:19
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B364206	Sequence:	S099650	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene		0.14	0.50	
123-91-1	1,4-Dioxane		18	50	
100-41-4	Ethylbenzene		0.22	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.15	1.0	
79-20-9	Methyl Acetate		0.61	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.56	0.17	1.0	J
108-87-2	Methyl Cyclohexane		0.16	1.0	
75-09-2	Methylene Chloride		0.18	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.3	10	
100-42-5	Styrene		0.15	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.14	0.50	
127-18-4	Tetrachloroethylene	49	0.17	1.0	
108-88-3	Toluene		0.22	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.34	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.30	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.19	1.0	
79-01-6	Trichloroethylene	5.1	0.17	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.15	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.21	1.0	
75-01-4	Vinyl Chloride		0.24	2.0	
1330-20-7	Xylenes (total)		1.0	1.0	

MW 3/4/24

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 22J3301
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: February 17, 2023

EDS ID	Client ID	Laboratory ID	Matrix
1	SV-1_10.20.22	22J3301-01	Air
2	SV-2_10.20.22	22J3301-02	Air
3	SV-3_10.20.22	22J3301-03	Air
4	SV-4_10.20.22	22J3301-04	Air
5	SV-5_10.20.22	22J3301-05	Air
6	SV-6_10.20.22	22J3301-06	Air
7	SV-7_10.20.22	22J3301-07	Air
8	SV-8_10.20.22	22J3301-08	Air
9*	SV-9_10.20.22	22J3301-09	Air
10	SV-10_10.20.22	22J3301-10	Air
11	SV-11_10.20.22	22J3301-11	Air
12	SV-12_10.20.22	22J3301-12	Air
13	SV-13_10.20.22	22J3301-13	Air
14	SV-14_10.20.22	22J3301-14	Air
15	OA-1_10.20.22	22J3301-15	Air

* - Sample SV-9_10.20.22 was not analyzed.

A Data Usability Summary Review was performed on the analytical data for fourteen air samples collected on October 20, 2022 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA Method TO-15

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- GC/MS Tuning
- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Surrogate Recoveries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
B321777-BS1	Freon-114	68.1%	UJ	1-7, 10, 11, 14
	Ethanol	53.2%	J	
	Hexachlorobutadiene	65.7%	UJ	
	Isopropanol	58.3%	J	
	1,2,4-Trichlorobenzene	68.3%	UJ	
B321905-BS1	Ethanol	62.0%	J	8, 12, 13, 15
	Hexachlorobutadiene	64.1%	UJ	
	Isopropanol	64.5%	UJ	
	Naphthalene	68.8%	UJ	
	1,2,4-Trichlorobenzene	57.2%	UJ	

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- All %D and RRF criteria were met.

Surrogate Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Compound Quantitation

- Several samples were analyzed at a dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 2/19/23

Nancy Weaver
Senior Chemist

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

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ANALYTICAL RESULTS

Project Location: 473 President St. Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-1_10.20.22
Sample ID: 22J3301-01
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:44

Sample Description/Location:
Sub Description/Location:
Canister ID: 1137
Canister Size: 6 liter
Flow Controller ID: 4436
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.0
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	15	8.0	4.8		36	19	11	4	11/1/22 2:12	CMR
Benzene	0.27	0.20	0.15		0.87	0.64	0.48	4	11/1/22 2:12	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 2:12	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 2:12	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 2:12	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 2:12	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 2:12	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 2:12	CMR
Carbon Disulfide	0.43	2.0	0.18	J	1.3	6.2	0.58	4	11/1/22 2:12	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 2:12	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 2:12	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 2:12	CMR
Chloroform	2.6	0.20	0.19		13	0.98	0.93	4	11/1/22 2:12	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 2:12	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/1/22 2:12	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 2:12	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 2:12	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 2:12	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 2:12	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 2:12	CMR
Dichlorodifluoromethane (Freon 12)	0.73	0.20	0.20		3.6	0.99	0.97	4	11/1/22 2:12	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 2:12	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 2:12	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 2:12	CMR
cis-1,2-Dichloroethylene	0.60	0.20	0.15		2.4	0.79	0.58	4	11/1/22 2:12	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 2:12	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 2:12	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 2:12	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 2:12	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND UJ	0.20	0.20	~~L-03~~	ND UJ	1.4	1.4	4	11/1/22 2:12	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 2:12	CMR
Ethanol	5.5 J	8.0	3.5	~~L-03, J~~	10 J	15	6.6	4	11/1/22 2:12	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 2:12	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 2:12	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 2:12	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	11/1/22 2:12	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	11/1/22 2:12	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/1/22 2:12	CMR
2-Hexanone (MBK)	0.11	0.20	0.10	J	0.44	0.82	0.41	4	11/1/22 2:12	CMR
Isopropanol	40 J	8.0	1.4	~~L-03~~	100 J	20	3.4	4	11/1/22 2:12	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 2:12	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 2:12	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 2:12	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 2:12	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 2:12	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 2:12	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 2:12	CMR

MW 2/17/23

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1

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-1_10.20.22
Sample ID: 22J3301-01
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:44

Sample Description/Location:
Sub Description/Location:
Canister ID: 1137
Canister Size: 6 liter
Flow Controller ID: 4436
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.0
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	100	0.20	0.15		700	1.4	1.0	4	11/1/22 2:12	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 2:12	CMR
Toluene	0.58	0.20	0.11		2.2	0.75	0.43	4	11/1/22 2:12	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~L-03~~	ND UJ	1.5	1.4	4	11/1/22 2:12	CMR
1,1,1-Trichloroethane	0.17	0.20	0.16	J	0.94	1.1	0.86	4	11/1/22 2:12	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 2:12	CMR
Trichloroethylene	11	0.20	0.13		60	1.1	0.72	4	11/1/22 2:12	CMR
Trichlorofluoromethane (Freon 11)	1.0	0.80	0.24		5.7	4.5	1.3	4	11/1/22 2:12	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 2:12	CMR
1,2,4-Trimethylbenzene	0.28	0.20	0.088		1.4	0.98	0.43	4	11/1/22 2:12	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 2:12	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 2:12	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 2:12	CMR
m&p-Xylene	0.29	0.40	0.22	J	1.3	1.7	0.97	4	11/1/22 2:12	CMR
o-Xylene	0.12	0.20	0.10	J	0.50	0.87	0.44	4	11/1/22 2:12	CMR

Surrogates	% Recovery	% REC Limits	Date/Time Analyzed
4-Bromofluorobenzene (1)	95.2	70-130	11/1/22 2:12

NW 2/17/23

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2.

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-2_10.20.22
Sample ID: 22J3301-02
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:34

Sample Description/Location:
Sub Description/Location:
Canister ID: 1998
Canister Size: 6 liter
Flow Controller ID: 4428
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -9.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	14	8.0	4.8		32	19	11	4	10/31/22 22:08	CMR
Benzene	ND	0.20	0.15		ND	0.64	0.48	4	10/31/22 22:08	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	10/31/22 22:08	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	10/31/22 22:08	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	10/31/22 22:08	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	10/31/22 22:08	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	10/31/22 22:08	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	10/31/22 22:08	CMR
Carbon Disulfide	0.44	2.0	0.18	J	1.4	6.2	0.58	4	10/31/22 22:08	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	10/31/22 22:08	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	10/31/22 22:08	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	10/31/22 22:08	CMR
Chloroform	1.0	0.20	0.19		5.0	0.98	0.93	4	10/31/22 22:08	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	10/31/22 22:08	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	10/31/22 22:08	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	10/31/22 22:08	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	10/31/22 22:08	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	10/31/22 22:08	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	10/31/22 22:08	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	10/31/22 22:08	CMR
Dichlorodifluoromethane (Freon 12)	0.38	0.20	0.20		1.9	0.99	0.97	4	10/31/22 22:08	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	10/31/22 22:08	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	10/31/22 22:08	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	10/31/22 22:08	CMR
cis-1,2-Dichloroethylene	0.16	0.20	0.15	J	0.62	0.79	0.58	4	10/31/22 22:08	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	10/31/22 22:08	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	10/31/22 22:08	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	10/31/22 22:08	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	10/31/22 22:08	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND UJ	0.20	0.20	~~L-03~~	ND UJ	1.4	1.4	4	10/31/22 22:08	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	10/31/22 22:08	CMR
Ethanol	5.6 J	8.0	3.5	~~L-03,J~~	11 J	15	6.6	4	10/31/22 22:08	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	10/31/22 22:08	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	10/31/22 22:08	CMR
4-Ethyltoluene	0.19	0.20	0.12	J	0.92	0.98	0.60	4	10/31/22 22:08	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	10/31/22 22:08	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	10/31/22 22:08	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	10/31/22 22:08	CMR
2-Hexanone (MBK)	0.17	0.20	0.10	J	0.69	0.82	0.41	4	10/31/22 22:08	CMR
Isopropanol	34 J	8.0	1.4	~~L-03~~	84 J	20	3.4	4	10/31/22 22:08	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	10/31/22 22:08	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	10/31/22 22:08	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	10/31/22 22:08	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	10/31/22 22:08	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	10/31/22 22:08	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	10/31/22 22:08	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	10/31/22 22:08	CMR

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2

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-2_10.20.22
Sample ID: 22J3301-02
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:34

Sample Description/Location:
Sub Description/Location:
Canister ID: 1998
Canister Size: 6 liter
Flow Controller ID: 4428
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -9.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	4.1	0.20	0.15		28	1.4	1.0	4	10/31/22 22:08	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	10/31/22 22:08	CMR
Toluene	0.57	0.20	0.11		2.1	0.75	0.43	4	10/31/22 22:08	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~L-03~~	ND UJ	1.5	1.4	4	10/31/22 22:08	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	10/31/22 22:08	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	10/31/22 22:08	CMR
Trichloroethylene	0.15	0.20	0.13	J	0.82	1.1	0.72	4	10/31/22 22:08	CMR
Trichlorofluoromethane (Freon 11)	1.7	0.80	0.24		9.6	4.5	1.3	4	10/31/22 22:08	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	10/31/22 22:08	CMR
1,2,4-Trimethylbenzene	0.40	0.20	0.088		2.0	0.98	0.43	4	10/31/22 22:08	CMR
1,3,5-Trimethylbenzene	0.11	0.20	0.11	J	0.55	0.98	0.52	4	10/31/22 22:08	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	10/31/22 22:08	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	10/31/22 22:08	CMR
m&p-Xylene	0.39	0.40	0.22	J	1.7	1.7	0.97	4	10/31/22 22:08	CMR
o-Xylene	0.21	0.20	0.10		0.92	0.87	0.44	4	10/31/22 22:08	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.6	70-130	10/31/22 22:08

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3

ANALYTICAL RESULTS

Project Location: 473 President St. Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-3_10.20.22
Sample ID: 22J3301-03
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:22

Sample Description/Location:
Sub Description/Location:
Canister ID: 2027
Canister Size: 6 liter
Flow Controller ID: 4434
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10.5
Receipt Vacuum(in Hg): -9.8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	11	8.0	4.8		25	19	11	4	10/31/22 22:48	CMR
Benzene	ND	0.20	0.15		ND	0.64	0.48	4	10/31/22 22:48	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	10/31/22 22:48	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	10/31/22 22:48	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	10/31/22 22:48	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	10/31/22 22:48	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	10/31/22 22:48	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	10/31/22 22:48	CMR
Carbon Disulfide	0.40	2.0	0.18	J	1.2	6.2	0.58	4	10/31/22 22:48	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	10/31/22 22:48	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	10/31/22 22:48	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	10/31/22 22:48	CMR
Chloroform	7.4	0.20	0.19		36	0.98	0.93	4	10/31/22 22:48	CMR
Chloromethane	0.18	0.40	0.16	J	0.37	0.83	0.33	4	10/31/22 22:48	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	10/31/22 22:48	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	10/31/22 22:48	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	10/31/22 22:48	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	10/31/22 22:48	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	10/31/22 22:48	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	10/31/22 22:48	CMR
Dichlorodifluoromethane (Freon 12)	0.42	0.20	0.20		2.1	0.99	0.97	4	10/31/22 22:48	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	10/31/22 22:48	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	10/31/22 22:48	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	10/31/22 22:48	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	10/31/22 22:48	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	10/31/22 22:48	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	10/31/22 22:48	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	10/31/22 22:48	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	10/31/22 22:48	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND UJ	0.20	0.20	~~L-03~~	ND UJ	1.4	1.4	4	10/31/22 22:48	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	10/31/22 22:48	CMR
Ethanol	5.7 J	8.0	3.5	~~L-03~~, J	11 J	15	6.6	4	10/31/22 22:48	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	10/31/22 22:48	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	10/31/22 22:48	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	10/31/22 22:48	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	10/31/22 22:48	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	10/31/22 22:48	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	10/31/22 22:48	CMR
2-Hexanone (MBK)	0.13	0.20	0.10	J	0.52	0.82	0.41	4	10/31/22 22:48	CMR
Isopropanol	28 J	8.0	1.4	~~L-03~~	69 J	20	3.4	4	10/31/22 22:48	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	10/31/22 22:48	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	10/31/22 22:48	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	10/31/22 22:48	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	10/31/22 22:48	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	10/31/22 22:48	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	10/31/22 22:48	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	10/31/22 22:48	CMR

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3

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-3_10.20.22
Sample ID: 22J3301-03
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:22

Sample Description/Location:
Sub Description/Location:
Canister ID: 2027
Canister Size: 6 liter
Flow Controller ID: 4434
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10.5
Receipt Vacuum(in Hg): -9.8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	1.5	0.20	0.15		10	1.4	1.0	4	10/31/22 22:48	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	10/31/22 22:48	CMR
Toluene	0.57	0.20	0.11		2.1	0.75	0.43	4	10/31/22 22:48	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~L-03~~	ND UJ	1.5	1.4	4	10/31/22 22:48	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	10/31/22 22:48	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	10/31/22 22:48	CMR
Trichloroethylene	ND	0.20	0.13		ND	1.1	0.72	4	10/31/22 22:48	CMR
Trichlorofluoromethane (Freon 11)	3.4	0.80	0.24		19	4.5	1.3	4	10/31/22 22:48	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	10/31/22 22:48	CMR
1,2,4-Trimethylbenzene	0.28	0.20	0.088		1.4	0.98	0.43	4	10/31/22 22:48	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	10/31/22 22:48	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	10/31/22 22:48	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	10/31/22 22:48	CMR
m&p-Xylene	0.30	0.40	0.22	J	1.3	1.7	0.97	4	10/31/22 22:48	CMR
o-Xylene	0.13	0.20	0.10	J	0.56	0.87	0.44	4	10/31/22 22:48	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.6	70-130	10/31/22 22:48

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4

ANALYTICAL RESULTS

Project Location: 473 President St. Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-4_10.20.22
Sample ID: 22J3301-04
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:11

Sample Description/Location:
Sub Description/Location:
Canister ID: 2022
Canister Size: 6 liter
Flow Controller ID: 4427
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	39	8.0	4.8		94	19	11	4	10/31/22 23:29	CMR
Benzene	0.33	0.20	0.15		1.0	0.64	0.48	4	10/31/22 23:29	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	10/31/22 23:29	CMR
Bromodichloromethane	0.20	0.20	0.14	J	1.3	1.3	0.94	4	10/31/22 23:29	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	10/31/22 23:29	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	10/31/22 23:29	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	10/31/22 23:29	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	10/31/22 23:29	CMR
Carbon Disulfide	1.3	2.0	0.18	J	4.2	6.2	0.58	4	10/31/22 23:29	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	10/31/22 23:29	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	10/31/22 23:29	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	10/31/22 23:29	CMR
Chloroform	9.6	0.20	0.19		47	0.98	0.93	4	10/31/22 23:29	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	10/31/22 23:29	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	10/31/22 23:29	CMR
Dibromochloromethane	0.27	0.20	0.13		2.3	1.7	1.1	4	10/31/22 23:29	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	10/31/22 23:29	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	10/31/22 23:29	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	10/31/22 23:29	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	10/31/22 23:29	CMR
Dichlorodifluoromethane (Freon 12)	0.40	0.20	0.20		2.0	0.99	0.97	4	10/31/22 23:29	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	10/31/22 23:29	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	10/31/22 23:29	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	10/31/22 23:29	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	10/31/22 23:29	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	10/31/22 23:29	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	10/31/22 23:29	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	10/31/22 23:29	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	10/31/22 23:29	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND UJ	0.20	0.20	~~L-03~~	ND UJ	1.4	1.4	4	10/31/22 23:29	CMR
1,4 Dioxane	ND	2.0	0.17		ND	7.2	0.60	1	10/31/22 23:29	CMR
Ethanol	5.2 J	8.0	3.5	~~L-03,J~~	9.9 J	15	6.6	4	10/31/22 23:29	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	10/31/22 23:29	CMR
Ethylbenzene	0.13	0.20	0.12	J	0.57	0.87	0.51	4	10/31/22 23:29	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	10/31/22 23:29	CMR
Heptane	0.16	0.20	0.13	J	0.64	0.82	0.52	4	10/31/22 23:29	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	10/31/22 23:29	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	10/31/22 23:29	CMR
2-Hexanone (MBK)	0.16	0.20	0.10	J	0.67	0.82	0.41	4	10/31/22 23:29	CMR
Isopropanol	28 J	8.0	1.4	~~L-03~~	70 J	20	3.4	4	10/31/22 23:29	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	10/31/22 23:29	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	10/31/22 23:29	CMR
4-Methyl-2-pentanone (MIBK)	0.14	0.20	0.11	J	0.57	0.82	0.44	4	10/31/22 23:29	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	10/31/22 23:29	CMR
Propene	2.4	8.0	1.8	J	4.2	14	3.0	4	10/31/22 23:29	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	10/31/22 23:29	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	10/31/22 23:29	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St. Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-4_10.20.22
Sample ID: 22J3301-04
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:11

Sample Description/Location:
Sub Description/Location:
Canister ID: 2022
Canister Size: 6 liter
Flow Controller ID: 4427
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	2.2	0.20	0.15		15	1.4	1.0	4	10/31/22 23:29	CMR
Tetrahydrofuran	0.78	2.0	0.33	J	2.3	5.9	0.97	4	10/31/22 23:29	CMR
Toluene	0.74	0.20	0.11		2.8	0.75	0.43	4	10/31/22 23:29	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~L-03~~	ND UJ	1.5	1.4	4	10/31/22 23:29	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	10/31/22 23:29	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	10/31/22 23:29	CMR
Trichloroethylene	0.53	0.20	0.13		2.9	1.1	0.72	4	10/31/22 23:29	CMR
Trichlorofluoromethane (Freon 11)	2.0	0.80	0.24		11	4.5	1.3	4	10/31/22 23:29	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	10/31/22 23:29	CMR
1,2,4-Trimethylbenzene	0.30	0.20	0.088		1.5	0.98	0.43	4	10/31/22 23:29	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	10/31/22 23:29	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	10/31/22 23:29	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	10/31/22 23:29	CMR
m&p-Xylene	0.51	0.40	0.22		2.2	1.7	0.97	4	10/31/22 23:29	CMR
o-Xylene	0.25	0.20	0.10		1.1	0.87	0.44	4	10/31/22 23:29	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	100	70-130	10/31/22 23:29

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5

ANALYTICAL RESULTS

Project Location: 473 President St. Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-5_10.20.22
Sample ID: 22J3301-05
Sample Matrix: Soil Gas
Sampled: 10/20/2022 11:48

Sample Description/Location:
Sub Description/Location:
Canister ID: 2207
Canister Size: 6 liter
Flow Controller ID: 4419
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	ND	800	480		ND	1900	1100	400	11/1/22 9:31	CMR
Benzene	32	20	15		100	64	48	400	11/1/22 9:31	CMR
Benzyl chloride	ND	20	18		ND	100	91	400	11/1/22 9:31	CMR
Bromodichloromethane	ND	20	14		ND	130	94	400	11/1/22 9:31	CMR
Bromoform	ND	20	14		ND	210	140	400	11/1/22 9:31	CMR
Bromomethane	ND	20	13		ND	78	52	400	11/1/22 9:31	CMR
1,3-Butadiene	ND	20	17		ND	44	37	400	11/1/22 9:31	CMR
2-Butanone (MEK)	ND	800	210		ND	2400	630	400	11/1/22 9:31	CMR
Carbon Disulfide	ND	200	18		ND	620	58	400	11/1/22 9:31	CMR
Carbon Tetrachloride	ND	20	16		ND	130	100	400	11/1/22 9:31	CMR
Chlorobenzene	ND	20	13		ND	92	61	400	11/1/22 9:31	CMR
Chloroethane	ND	20	18		ND	53	47	400	11/1/22 9:31	CMR
Chloroform	220	20	19		1100	98	93	400	11/1/22 9:31	CMR
Chloromethane	ND	40	16		ND	83	33	400	11/1/22 9:31	CMR
Cyclohexane	160	20	12		560	69	42	400	11/1/22 9:31	CMR
Dibromochloromethane	ND	20	13		ND	170	110	400	11/1/22 9:31	CMR
1,2-Dibromoethane (EDB)	ND	20	12		ND	150	93	400	11/1/22 9:31	CMR
1,2-Dichlorobenzene	ND	20	11		ND	120	69	400	11/1/22 9:31	CMR
1,3-Dichlorobenzene	ND	20	11		ND	120	67	400	11/1/22 9:31	CMR
1,4-Dichlorobenzene	ND	20	13		ND	120	79	400	11/1/22 9:31	CMR
Dichlorodifluoromethane (Freon 12)	ND	20	20		ND	99	97	400	11/1/22 9:31	CMR
1,1-Dichloroethane	ND	20	17		ND	81	71	400	11/1/22 9:31	CMR
1,2-Dichloroethane	ND	20	18		ND	81	73	400	11/1/22 9:31	CMR
1,1-Dichloroethylene	88	20	15		350	79	60	400	11/1/22 9:31	CMR
cis-1,2-Dichloroethylene	3400	20	15		13000	79	58	400	11/1/22 9:31	CMR
trans-1,2-Dichloroethylene	ND	20	16		ND	79	62	400	11/1/22 9:31	CMR
1,2-Dichloropropane	ND	20	11		ND	92	50	400	11/1/22 9:31	CMR
cis-1,3-Dichloropropene	ND	20	10		ND	91	47	400	11/1/22 9:31	CMR
trans-1,3-Dichloropropene	ND	20	10		ND	91	46	400	11/1/22 9:31	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND UJ	20	20	~~L-03~~	ND UJ	140	140	400	11/1/22 9:31	CMR
1,4-Dioxane	ND	200	17		ND	720	60	400	11/1/22 9:31	CMR
Ethanol	380 J	800	350	~~L-03, J~~	710 J	1500	660	400	11/1/22 9:31	CMR
Ethyl Acetate	ND	200	100		ND	720	360	400	11/1/22 9:31	CMR
Ethylbenzene	ND	20	12		ND	87	51	400	11/1/22 9:31	CMR
4-Ethyltoluene	ND	20	12		ND	98	60	400	11/1/22 9:31	CMR
Heptane	ND	20	13		ND	82	52	400	11/1/22 9:31	CMR
Hexachlorobutadiene	ND UJ	20	16	~~L-03~~	ND UJ	210	180	400	11/1/22 9:31	CMR
Hexane	ND	800	100		ND	2800	370	400	11/1/22 9:31	CMR
2-Hexanone (MBK)	ND	20	10		ND	82	41	400	11/1/22 9:31	CMR
Isopropanol	ND UJ	800	140	~~L-03~~	ND UJ	2000	340	400	11/1/22 9:31	CMR
Methyl tert-Butyl Ether (MTBE)	ND	20	15		ND	72	56	400	11/1/22 9:31	CMR
Methylene Chloride	ND	200	93		ND	690	320	400	11/1/22 9:31	CMR
4-Methyl-2-pentanone (MIBK)	ND	20	11		ND	82	44	400	11/1/22 9:31	CMR
Naphthalene	ND	20	15		ND	100	79	400	11/1/22 9:31	CMR
Propene	ND	800	180		ND	1400	300	400	11/1/22 9:31	CMR
Styrene	ND	20	11		ND	85	45	400	11/1/22 9:31	CMR
1,1,2,2-Tetrachloroethane	ND	20	11		ND	140	74	400	11/1/22 9:31	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-5_10.20.22
Sample ID: 22J3301-05
Sample Matrix: Soil Gas
Sampled: 10/20/2022 11:48

Sample Description/Location:
Sub Description/Location:
Canister ID: 2207
Canister Size: 6 liter
Flow Controller ID: 4419
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	67	20	15		460	140	100	400	11/1/22 9:31	CMR
Tetrahydrofuran	ND	200	33		ND	590	97	400	11/1/22 9:31	CMR
Toluene	12	20	11	J	45	75	43	400	11/1/22 9:31	CMR
1,2,4-Trichlorobenzene	ND UJ	20	19	~~L-03~~	ND UJ	150	140	400	11/1/22 9:31	CMR
1,1,1-Trichloroethane	ND	20	16		ND	110	86	400	11/1/22 9:31	CMR
1,1,2-Trichloroethane	ND	20	14		ND	110	77	400	11/1/22 9:31	CMR
Trichloroethylene	16000	20	13		86000	110	72	400	11/1/22 9:31	CMR
Trichlorofluoromethane (Freon 11)	ND	80	24		ND	450	130	400	11/1/22 9:31	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	80	22		ND	610	170	400	11/1/22 9:31	CMR
1,2,4-Trimethylbenzene	ND	20	8.8		ND	98	43	400	11/1/22 9:31	CMR
1,3,5-Trimethylbenzene	ND	20	11		ND	98	52	400	11/1/22 9:31	CMR
Vinyl Acetate	ND	400	110		ND	1400	380	400	11/1/22 9:31	CMR
Vinyl Chloride	360	20	18		920	51	46	400	11/1/22 9:31	CMR
m&p-Xylene	ND	40	22		ND	170	97	400	11/1/22 9:31	CMR
o-Xylene	ND	20	10		ND	87	44	400	11/1/22 9:31	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.7	70-130	11/1/22 9:31

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6

ANALYTICAL RESULTS

Project Location: 473 President St. Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-6_10.20.22
Sample ID: 22J3301-06
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:17

Sample Description/Location:
Sub Description/Location:
Canister ID: 1695
Canister Size: 6 liter
Flow Controller ID: 4415
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -8.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	ND	8.0	4.8		ND	19	11	4	11/1/22 0:50	CMR
Benzene	1.2	0.20	0.15		3.7	0.64	0.48	4	11/1/22 0:50	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 0:50	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 0:50	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 0:50	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 0:50	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 0:50	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 0:50	CMR
Carbon Disulfide	0.74	2.0	0.18	J	2.3	6.2	0.58	4	11/1/22 0:50	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 0:50	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 0:50	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 0:50	CMR
Chloroform	1.1	0.20	0.19		5.4	0.98	0.93	4	11/1/22 0:50	CMR
Chloromethane	0.21	0.40	0.16	J	0.43	0.83	0.33	4	11/1/22 0:50	CMR
Cyclohexane	0.66	0.20	0.12		2.3	0.69	0.42	4	11/1/22 0:50	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 0:50	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 0:50	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 0:50	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 0:50	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 0:50	CMR
Dichlorodifluoromethane (Freon 12)	0.38	0.20	0.20		1.9	0.99	0.97	4	11/1/22 0:50	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 0:50	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 0:50	CMR
1,1-Dichloroethylene	0.36	0.20	0.15		1.4	0.79	0.60	4	11/1/22 0:50	CMR
cis-1,2-Dichloroethylene	9.0	0.20	0.15		36	0.79	0.58	4	11/1/22 0:50	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 0:50	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 0:50	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 0:50	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 0:50	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND UJ	0.20	0.20	~~L-03~~	ND UJ	1.4	1.4	4	11/1/22 0:50	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 0:50	CMR
Ethanol	5.2 J	8.0	3.5	~~L-03,J~~	9.8 J	15	6.6	4	11/1/22 0:50	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 0:50	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 0:50	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 0:50	CMR
Heptane	3.3	0.20	0.13		14	0.82	0.52	4	11/1/22 0:50	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	11/1/22 0:50	CMR
Hexane	130	8.0	1.0		440	28	3.7	4	11/1/22 0:50	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/1/22 0:50	CMR
Isopropanol	27 J	8.0	1.4	~~L-03~~	67 J	20	3.4	4	11/1/22 0:50	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 0:50	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 0:50	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 0:50	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 0:50	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 0:50	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 0:50	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 0:50	CMR

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6

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-6_10.20.22
Sample ID: 22J3301-06
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:17

Sample Description/Location:
Sub Description/Location:
Canister ID: 1695
Canister Size: 6 liter
Flow Controller ID: 4415
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -8.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.61	0.20	0.15		4.1	1.4	1.0	4	11/1/22 0:50	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 0:50	CMR
Toluene	0.86	0.20	0.11		3.3	0.75	0.43	4	11/1/22 0:50	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~L-05~~	ND UJ	1.5	1.4	4	11/1/22 0:50	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/1/22 0:50	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 0:50	CMR
Trichloroethylene	34	0.20	0.13		180	1.1	0.72	4	11/1/22 0:50	CMR
Trichlorofluoromethane (Freon 11)	0.26	0.80	0.24	J	1.5	4.5	1.3	4	11/1/22 0:50	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 0:50	CMR
1,2,4-Trimethylbenzene	0.20	0.20	0.088		1.0	0.98	0.43	4	11/1/22 0:50	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 0:50	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 0:50	CMR
Vinyl Chloride	1.2	0.20	0.18		3.1	0.51	0.46	4	11/1/22 0:50	CMR
m&p-Xylene	0.36	0.40	0.22	J	1.5	1.7	0.97	4	11/1/22 0:50	CMR
o-Xylene	0.14	0.20	0.10	J	0.59	0.87	0.44	4	11/1/22 0:50	CMR

Surrogates	% Recovery	% REC Limits	Date/Time Analyzed
4-Bromofluorobenzene (1)	99.3	70-130	11/1/22 0:50

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7

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-7_10.20.22
Sample ID: 22J3301-07
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:25

Sample Description/Location:
Sub Description/Location:
Canister ID: 1966
Canister Size: 6 liter
Flow Controller ID: 4437
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

		ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	15	8.0	4.8		36	19	11	4	11/1/22 2:53	CMR
Benzene	0.36	0.20	0.15		1.2	0.64	0.48	4	11/1/22 2:53	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 2:53	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 2:53	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 2:53	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 2:53	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 2:53	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 2:53	CMR
Carbon Disulfide	0.86	2.0	0.18	J	2.7	6.2	0.58	4	11/1/22 2:53	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 2:53	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 2:53	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 2:53	CMR
Chloroform	1.5	0.20	0.19		7.5	0.98	0.93	4	11/1/22 2:53	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 2:53	CMR
Cyclohexane	0.41	0.20	0.12		1.4	0.69	0.42	4	11/1/22 2:53	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 2:53	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 2:53	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 2:53	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 2:53	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 2:53	CMR
Dichlorodifluoromethane (Freon 12)	0.37	0.20	0.20		1.8	0.99	0.97	4	11/1/22 2:53	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 2:53	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 2:53	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 2:53	CMR
cis-1,2-Dichloroethylene	0.54	0.20	0.15		2.2	0.79	0.58	4	11/1/22 2:53	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 2:53	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 2:53	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 2:53	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 2:53	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND UJ	0.20	0.20	~~L-03~~	ND UJ	1.4	1.4	4	11/1/22 2:53	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 2:53	CMR
Ethanol	6.3 J	8.0	3.5	~~L-03,J~~	12 J	15	6.6	4	11/1/22 2:53	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 2:53	CMR
Ethylbenzene	0.14	0.20	0.12	J	0.61	0.87	0.51	4	11/1/22 2:53	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 2:53	CMR
Heptane	0.27	0.20	0.13		1.1	0.82	0.52	4	11/1/22 2:53	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	11/1/22 2:53	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/1/22 2:53	CMR
2-Hexanone (MBK)	0.14	0.20	0.10	J	0.59	0.82	0.41	4	11/1/22 2:53	CMR
Isopropanol	41 J	8.0	1.4	~~L-03~~	100 J	20	3.4	4	11/1/22 2:53	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 2:53	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 2:53	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 2:53	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 2:53	CMR
Propene	4.0	8.0	1.8	J	6.9	14	3.0	4	11/1/22 2:53	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 2:53	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 2:53	CMR

NW 2/17/23

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-7_10.20.22
Sample ID: 22J3301-07
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:25

Sample Description/Location:
Sub Description/Location:
Canister ID: 1966
Canister Size: 6 liter
Flow Controller ID: 4437
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	15	0.20	0.15		100	1.4	1.0	4	11/1/22 2:53	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 2:53	CMR
Toluene	1.3	0.20	0.11		4.9	0.75	0.43	4	11/1/22 2:53	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~L-03~~	ND UJ	1.5	1.4	4	11/1/22 2:53	CMR
1,1,1-Trichloroethane	2.0	0.20	0.16		11	1.1	0.86	4	11/1/22 2:53	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 2:53	CMR
Trichloroethylene	2.4	0.20	0.13		13	1.1	0.72	4	11/1/22 2:53	CMR
Trichlorofluoromethane (Freon 11)	3.0	0.80	0.24		17	4.5	1.3	4	11/1/22 2:53	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 2:53	CMR
1,2,4-Trimethylbenzene	0.30	0.20	0.088		1.5	0.98	0.43	4	11/1/22 2:53	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 2:53	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 2:53	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 2:53	CMR
m&p-Xylene	0.51	0.40	0.22		2.2	1.7	0.97	4	11/1/22 2:53	CMR
o-Xylene	0.20	0.20	0.10		0.87	0.87	0.44	4	11/1/22 2:53	CMR

Surrogates	% Recovery	% REC Limits	Date/Time Analyzed
4-Bromofluorobenzene (1)	100	70-130	11/1/22 2:53

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8

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-8_10.20.22
Sample ID: 22J3301-08
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:02

Sample Description/Location:
Sub Description/Location:
Canister ID: 1986
Canister Size: 6 liter
Flow Controller ID: 4450
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -9.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	31	8.0	4.8		74	19	11	4	11/1/22 19:37	CMR
Benzene	0.84	0.20	0.15		2.7	0.64	0.48	4	11/1/22 19:37	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 19:37	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 19:37	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 19:37	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 19:37	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 19:37	CMR
2-Butanone (MEK)	4.5	8.0	2.1	J	13	24	6.3	4	11/1/22 19:37	CMR
Carbon Disulfide	1.4	2.0	0.18	J	4.3	6.2	0.58	4	11/1/22 19:37	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 19:37	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 19:37	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 19:37	CMR
Chloroform	2.7	0.20	0.19		13	0.98	0.93	4	11/1/22 19:37	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 19:37	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/1/22 19:37	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 19:37	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 19:37	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 19:37	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 19:37	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 19:37	CMR
Dichlorodifluoromethane (Freon 12)	0.35	0.20	0.20		1.7	0.99	0.97	4	11/1/22 19:37	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 19:37	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 19:37	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 19:37	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/1/22 19:37	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 19:37	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 19:37	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 19:37	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 19:37	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20		ND	1.4	1.4	4	11/1/22 19:37	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 19:37	CMR
Ethanol	6.0 J	8.0	3.5	~~L-03,J~~	11 J	15	6.6	4	11/1/22 19:37	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 19:37	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 19:37	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 19:37	CMR
Heptane	0.21	0.20	0.13		0.87	0.82	0.52	4	11/1/22 19:37	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	11/1/22 19:37	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/1/22 19:37	CMR
2-Hexanone (MBK)	0.21	0.20	0.10		0.87	0.82	0.41	4	11/1/22 19:37	CMR
Isopropanol	27 J	8.0	1.4	~~L-03~~	65 J	20	3.4	4	11/1/22 19:37	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 19:37	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 19:37	CMR
4-Methyl-2-pentanone (MIBK)	0.21	0.20	0.11		0.87	0.82	0.44	4	11/1/22 19:37	CMR
Naphthalene	ND UJ	0.20	0.15	~~L-03~~	ND UJ	1.0	0.79	4	11/1/22 19:37	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 19:37	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 19:37	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 19:37	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-8_10.20.22
Sample ID: 22J3301-08
Sample Matrix: Soil Gas
Sampled: 10/20/2022 09:02

Sample Description/Location:
Sub Description/Location:
Canister ID: 1986
Canister Size: 6 liter
Flow Controller ID: 4450
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -9.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.68	0.20	0.15		4.6	1.4	1.0	4	11/1/22 19:37	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 19:37	CMR
Toluene	0.56	0.20	0.11		2.1	0.75	0.43	4	11/1/22 19:37	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	L-03	ND UJ	1.5	1.4	4	11/1/22 19:37	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/1/22 19:37	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 19:37	CMR
Trichloroethylene	0.16	0.20	0.13	J	0.86	1.1	0.72	4	11/1/22 19:37	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/1/22 19:37	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 19:37	CMR
1,2,4-Trimethylbenzene	0.22	0.20	0.088		1.1	0.98	0.43	4	11/1/22 19:37	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 19:37	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 19:37	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 19:37	CMR
m&p-Xylene	0.26	0.40	0.22	J	1.1	1.7	0.97	4	11/1/22 19:37	CMR
o-Xylene	0.12	0.20	0.10	J	0.52	0.87	0.44	4	11/1/22 19:37	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.3	70-130	11/1/22 19:37

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10

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-10_10.20.22
Sample ID: 22J3301-10
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:14

Sample Description/Location:
Sub Description/Location:
Canister ID: 2223
Canister Size: 6 liter
Flow Controller ID: 4402
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	24	8.0	4.8		57	19	11	4	11/1/22 1:31	CMR
Benzene	0.89	0.20	0.15		2.8	0.64	0.48	4	11/1/22 1:31	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 1:31	CMR
Bromodichloromethane	1.4	0.20	0.14		9.4	1.3	0.94	4	11/1/22 1:31	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 1:31	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 1:31	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 1:31	CMR
2-Butanone (MEK)	2.8	8.0	2.1	J	8.4	24	6.3	4	11/1/22 1:31	CMR
Carbon Disulfide	1.7	2.0	0.18	J	5.4	6.2	0.58	4	11/1/22 1:31	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 1:31	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 1:31	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 1:31	CMR
Chloroform	53	0.20	0.19		260	0.98	0.93	4	11/1/22 1:31	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 1:31	CMR
Cyclohexane	0.22	0.20	0.12		0.76	0.69	0.42	4	11/1/22 1:31	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 1:31	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 1:31	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 1:31	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 1:31	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 1:31	CMR
Dichlorodifluoromethane (Freon 12)	0.38	0.20	0.20		1.9	0.99	0.97	4	11/1/22 1:31	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 1:31	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 1:31	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 1:31	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/1/22 1:31	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 1:31	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 1:31	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 1:31	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 1:31	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND UJ	0.20	0.20	~~L-03~~	ND UJ	1.4	1.4	4	11/1/22 1:31	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 1:31	CMR
Ethanol	5.3 J	8.0	3.5	~~L-03, J~~	10 J	15	6.6	4	11/1/22 1:31	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 1:31	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 1:31	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 1:31	CMR
Heptane	0.41	0.20	0.13		1.7	0.82	0.52	4	11/1/22 1:31	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	11/1/22 1:31	CMR
Hexane	1.2	8.0	1.0	J	4.3	28	3.7	4	11/1/22 1:31	CMR
2-Hexanone (MBK)	0.24	0.20	0.10		0.97	0.82	0.41	4	11/1/22 1:31	CMR
Isopropanol	23 J	8.0	1.4	~~L-03~~	57 J	20	3.4	4	11/1/22 1:31	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 1:31	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 1:31	CMR
4-Methyl-2-pentanone (MIBK)	0.19	0.20	0.11	J	0.77	0.82	0.44	4	11/1/22 1:31	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 1:31	CMR
Propene	6.7	8.0	1.8	J	12	14	3.0	4	11/1/22 1:31	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 1:31	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 1:31	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-10_10.20.22
Sample ID: 22J3301-10
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:14

Sample Description/Location:
Sub Description/Location:
Canister ID: 2223
Canister Size: 6 liter
Flow Controller ID: 4402
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

		ppbv				ug/m3			Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Tetrachloroethylene	50	0.20	0.15		340	1.4	1.0	4	11/1/22 1:31	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 1:31	CMR
Toluene	0.87	0.20	0.11		3.3	0.75	0.43	4	11/1/22 1:31	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~L-03~~	ND UJ	1.5	1.4	4	11/1/22 1:31	CMR
1,1,1-Trichloroethane	4.2	0.20	0.16		23	1.1	0.86	4	11/1/22 1:31	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 1:31	CMR
Trichloroethylene	0.72	0.20	0.13		3.8	1.1	0.72	4	11/1/22 1:31	CMR
Trichlorofluoromethane (Freon 11)	0.29	0.80	0.24	J	1.6	4.5	1.3	4	11/1/22 1:31	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 1:31	CMR
1,2,4-Trimethylbenzene	0.31	0.20	0.088		1.5	0.98	0.43	4	11/1/22 1:31	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 1:31	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 1:31	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 1:31	CMR
m&p-Xylene	0.40	0.40	0.22	J	1.7	1.7	0.97	4	11/1/22 1:31	CMR
o-Xylene	0.15	0.20	0.10	J	0.66	0.87	0.44	4	11/1/22 1:31	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.6	70-130	11/1/22 1:31

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-11_10.20.22
Sample ID: 22J3301-11
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:26

Sample Description/Location:
Sub Description/Location:
Canister ID: 1170
Canister Size: 6 liter
Flow Controller ID: 4414
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	64	8.0	4.8		150	19	11	4	11/1/22 4:13	CMR
Benzene	0.48	0.20	0.15		1.5	0.64	0.48	4	11/1/22 4:13	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 4:13	CMR
Bromodichloromethane	4.2	0.20	0.14		28	1.3	0.94	4	11/1/22 4:13	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 4:13	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 4:13	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 4:13	CMR
2-Butanone (MEK)	3.1	8.0	2.1	J	9.0	24	6.3	4	11/1/22 4:13	CMR
Carbon Disulfide	2.7	2.0	0.18		8.4	6.2	0.58	4	11/1/22 4:13	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 4:13	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 4:13	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 4:13	CMR
Chloroform	98	0.20	0.19		480	0.98	0.93	4	11/1/22 4:13	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 4:13	CMR
Cyclohexane	0.44	0.20	0.12		1.5	0.69	0.42	4	11/1/22 4:13	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 4:13	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 4:13	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 4:13	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 4:13	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 4:13	CMR
Dichlorodifluoromethane (Freon 12)	0.40	0.20	0.20		2.0	0.99	0.97	4	11/1/22 4:13	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 4:13	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 4:13	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 4:13	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/1/22 4:13	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 4:13	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 4:13	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 4:13	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 4:13	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND UJ	0.20	0.20	~~L-03~~	ND UJ	1.4	1.4	4	11/1/22 4:13	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 4:13	CMR
Ethanol	12 J	8.0	3.5	~~L-03~~	23 J	15	6.6	4	11/1/22 4:13	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 4:13	CMR
Ethylbenzene	0.24	0.20	0.12		1.0	0.87	0.51	4	11/1/22 4:13	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 4:13	CMR
Heptane	0.42	0.20	0.13		1.7	0.82	0.52	4	11/1/22 4:13	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	11/1/22 4:13	CMR
Hexane	4.6	8.0	1.0	J	16	28	3.7	4	11/1/22 4:13	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/1/22 4:13	CMR
Isopropanol	44 J	8.0	1.4	~~L-03~~	110 J	20	3.4	4	11/1/22 4:13	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 4:13	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 4:13	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 4:13	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 4:13	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 4:13	CMR
Styrene	0.42	0.20	0.11		1.8	0.85	0.45	4	11/1/22 4:13	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 4:13	CMR

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11

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-11_10.20.22
Sample ID: 22J3301-11
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:26

Sample Description/Location:
Sub Description/Location:
Canister ID: 1170
Canister Size: 6 liter
Flow Controller ID: 4414
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	Results (ppbv)	RL (ppbv)	MDL (ppbv)	Flag/Qual	Results (ug/m3)	RL (ug/m3)	MDL (ug/m3)	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	8.4	0.20	0.15		57	1.4	1.0	4	11/1/22 4:13	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 4:13	CMR
Toluene	0.98	0.20	0.11		3.7	0.75	0.43	4	11/1/22 4:13	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~E-05~~	ND UJ	1.5	1.4	4	11/1/22 4:13	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/1/22 4:13	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 4:13	CMR
Trichloroethylene	7.4	0.20	0.13		40	1.1	0.72	4	11/1/22 4:13	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/1/22 4:13	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 4:13	CMR
1,2,4-Trimethylbenzene	0.36	0.20	0.088		1.8	0.98	0.43	4	11/1/22 4:13	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 4:13	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 4:13	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 4:13	CMR
m&p-Xylene	0.79	0.40	0.22		3.4	1.7	0.97	4	11/1/22 4:13	CMR
o-Xylene	0.31	0.20	0.10		1.3	0.87	0.44	4	11/1/22 4:13	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	101	70-130	11/1/22 4:13

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-12_10.20.22
Sample ID: 22J3301-12
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:50

Sample Description/Location:
Sub Description/Location:
Canister ID: 1675
Canister Size: 6 liter
Flow Controller ID: 4364
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -9.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	28	8.0	4.8		67	19	11	4	11/1/22 20:17	CMR
Benzene	7.5	0.20	0.15		24	0.64	0.48	4	11/1/22 20:17	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 20:17	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 20:17	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 20:17	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 20:17	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 20:17	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 20:17	CMR
Carbon Disulfide	1.9	2.0	0.18	J	5.9	6.2	0.58	4	11/1/22 20:17	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 20:17	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 20:17	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 20:17	CMR
Chloroform	3.3	0.20	0.19		16	0.98	0.93	4	11/1/22 20:17	CMR
Chloromethane	0.25	0.40	0.16	J	0.51	0.83	0.33	4	11/1/22 20:17	CMR
Cyclohexane	0.32	0.20	0.12		1.1	0.69	0.42	4	11/1/22 20:17	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 20:17	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 20:17	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 20:17	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 20:17	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 20:17	CMR
Dichlorodifluoromethane (Freon 12)	0.40	0.20	0.20		2.0	0.99	0.97	4	11/1/22 20:17	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 20:17	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 20:17	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 20:17	CMR
cis-1,2-Dichloroethylene	0.61	0.20	0.15		2.4	0.79	0.58	4	11/1/22 20:17	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 20:17	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 20:17	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 20:17	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 20:17	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20		ND	1.4	1.4	4	11/1/22 20:17	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 20:17	CMR
Ethanol	5.4 J	8.0	3.5	~~L-03, J~~	10 J	15	6.6	4	11/1/22 20:17	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 20:17	CMR
Ethylbenzene	0.13	0.20	0.12	J	0.56	0.87	0.51	4	11/1/22 20:17	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 20:17	CMR
Heptane	0.19	0.20	0.13	J	0.77	0.82	0.52	4	11/1/22 20:17	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	11/1/22 20:17	CMR
Hexane	1.3	8.0	1.0	J	4.5	28	3.7	4	11/1/22 20:17	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/1/22 20:17	CMR
Isopropanol	30 J	8.0	1.4	~~L-03~~	74 J	20	3.4	4	11/1/22 20:17	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 20:17	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 20:17	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 20:17	CMR
Naphthalene	ND UJ	0.20	0.15	~~L-03~~	ND UJ	1.0	0.79	4	11/1/22 20:17	CMR
Propene	8.1	8.0	1.8		14	14	3.0	4	11/1/22 20:17	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 20:17	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 20:17	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn. NY
Date Received: 10/21/2022
Field Sample #: SV-12_10.20.22
Sample ID: 22J3301-12
Sample Matrix: Soil Gas
Sampled: 10/20/2022 12:50

Sample Description/Location:
Sub Description/Location:
Canister ID: 1675
Canister Size: 6 liter
Flow Controller ID: 4364
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -9.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	1.6	0.20	0.15		11	1.4	1.0	4	11/1/22 20:17	CMR
Tetrahydrofuran	1.9	2.0	0.33	J	5.7	5.9	0.97	4	11/1/22 20:17	CMR
Toluene	1.4	0.20	0.11		5.4	0.75	0.43	4	11/1/22 20:17	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~L-03~~	ND UJ	1.5	1.4	4	11/1/22 20:17	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/1/22 20:17	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 20:17	CMR
Trichloroethylene	0.31	0.20	0.13		1.7	1.1	0.72	4	11/1/22 20:17	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/1/22 20:17	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 20:17	CMR
1,2,4-Trimethylbenzene	0.40	0.20	0.088		1.9	0.98	0.43	4	11/1/22 20:17	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 20:17	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 20:17	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 20:17	CMR
m&p-Xylene	0.49	0.40	0.22		2.1	1.7	0.97	4	11/1/22 20:17	CMR
o-Xylene	0.20	0.20	0.10		0.87	0.87	0.44	4	11/1/22 20:17	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.7	70-130	11/1/22 20:17

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13

ANALYTICAL RESULTS

Project Location: 473 President St. Brooklyn. NY
Date Received: 10/21/2022
Field Sample #: SV-13_10.20.22
Sample ID: 22J3301-13
Sample Matrix: Soil Gas
Sampled: 10/20/2022 13:06

Sample Description/Location:
Sub Description/Location:
Canister ID: 2029
Canister Size: 6 liter
Flow Controller ID: 4363
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -8.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	13	8.0	4.8		32	19	11	4	11/1/22 20:57	CMR
Benzene	0.64	0.20	0.15		2.0	0.64	0.48	4	11/1/22 20:57	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 20:57	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 20:57	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 20:57	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 20:57	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 20:57	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 20:57	CMR
Carbon Disulfide	0.42	2.0	0.18	J	1.3	6.2	0.58	4	11/1/22 20:57	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 20:57	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 20:57	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 20:57	CMR
Chloroform	4.0	0.20	0.19		20	0.98	0.93	4	11/1/22 20:57	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 20:57	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/1/22 20:57	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 20:57	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 20:57	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 20:57	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 20:57	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 20:57	CMR
Dichlorodifluoromethane (Freon 12)	0.36	0.20	0.20		1.8	0.99	0.97	4	11/1/22 20:57	CMR
1,1-Dichloroethane	0.31	0.20	0.17		1.3	0.81	0.71	4	11/1/22 20:57	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 20:57	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 20:57	CMR
cis-1,2-Dichloroethylene	21	0.20	0.15		84	0.79	0.58	4	11/1/22 20:57	CMR
trans-1,2-Dichloroethylene	0.97	0.20	0.16		3.9	0.79	0.62	4	11/1/22 20:57	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 20:57	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 20:57	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 20:57	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20		ND	1.4	1.4	4	11/1/22 20:57	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 20:57	CMR
Ethanol	9.4 J	8.0	3.5	~~L-03~~	18 J	15	6.6	4	11/1/22 20:57	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 20:57	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 20:57	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 20:57	CMR
Heptane	0.33	0.20	0.13		1.3	0.82	0.52	4	11/1/22 20:57	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	11/1/22 20:57	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/1/22 20:57	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/1/22 20:57	CMR
Isopropanol	24 J	8.0	1.4	~~L-03~~	60 J	20	3.4	4	11/1/22 20:57	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 20:57	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 20:57	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/1/22 20:57	CMR
Naphthalene	ND UJ	0.20	0.15	~~L-03~~	ND UJ	1.0	0.79	4	11/1/22 20:57	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 20:57	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 20:57	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 20:57	CMR

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13

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-13_10.20.22
Sample ID: 22J3301-13
Sample Matrix: Soil Gas
Sampled: 10/20/2022 13:06

Sample Description/Location:
Sub Description/Location:
Canister ID: 2029
Canister Size: 6 liter
Flow Controller ID: 4363
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -8.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3					
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	56	0.20	0.15		380	1.4	1.0	4	11/1/22 20:57	CMR
Tetrahydrofuran	80	2.0	0.33		240	5.9	0.97	4	11/1/22 20:57	CMR
Toluene	0.69	0.20	0.11		2.6	0.75	0.43	4	11/1/22 20:57	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~L-03~~	ND UJ	1.5	1.4	4	11/1/22 20:57	CMR
1,1,1-Trichloroethane	0.98	0.20	0.16		5.3	1.1	0.86	4	11/1/22 20:57	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 20:57	CMR
Trichloroethylene	13	0.20	0.13		70	1.1	0.72	4	11/1/22 20:57	CMR
Trichlorofluoromethane (Freon 11)	0.27	0.80	0.24	J	1.5	4.5	1.3	4	11/1/22 20:57	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.23	0.80	0.22	J	1.7	6.1	1.7	4	11/1/22 20:57	CMR
1,2,4-Trimethylbenzene	0.35	0.20	0.088		1.7	0.98	0.43	4	11/1/22 20:57	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 20:57	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 20:57	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 20:57	CMR
m&p-Xylene	0.44	0.40	0.22		1.9	1.7	0.97	4	11/1/22 20:57	CMR
o-Xylene	0.18	0.20	0.10	J	0.78	0.87	0.44	4	11/1/22 20:57	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.8	70-130	11/1/22 20:57

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14

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-14_10.20.22
Sample ID: 22J3301-14
Sample Matrix: Soil Gas
Sampled: 10/20/2022 13:16

Sample Description/Location:
Sub Description/Location:
Canister ID: 1066
Canister Size: 6 liter
Flow Controller ID: 4300
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	12	8.0	4.8		29	19	11	4	11/1/22 0:10	CMR
Benzene	0.31	0.20	0.15		0.98	0.64	0.48	4	11/1/22 0:10	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/1/22 0:10	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/1/22 0:10	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/1/22 0:10	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/1/22 0:10	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/1/22 0:10	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/1/22 0:10	CMR
Carbon Disulfide	1.0	2.0	0.18	J	3.1	6.2	0.58	4	11/1/22 0:10	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/1/22 0:10	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/1/22 0:10	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/1/22 0:10	CMR
Chloroform	5.2	0.20	0.19		25	0.98	0.93	4	11/1/22 0:10	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/1/22 0:10	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/1/22 0:10	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/1/22 0:10	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/1/22 0:10	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/1/22 0:10	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/1/22 0:10	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/1/22 0:10	CMR
Dichlorodifluoromethane (Freon 12)	0.34	0.20	0.20		1.7	0.99	0.97	4	11/1/22 0:10	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/1/22 0:10	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/1/22 0:10	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/1/22 0:10	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/1/22 0:10	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/1/22 0:10	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/1/22 0:10	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/1/22 0:10	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/1/22 0:10	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND UJ	0.20	0.20	~~L-03~~	ND UJ	1.4	1.4	4	11/1/22 0:10	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/1/22 0:10	CMR
Ethanol	7.6 J	8.0	3.5	~~L-03,J~~	14 J	15	6.6	4	11/1/22 0:10	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/1/22 0:10	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/1/22 0:10	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/1/22 0:10	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	11/1/22 0:10	CMR
Hexachlorobutadiene	ND UJ	0.20	0.16	~~L-03~~	ND UJ	2.1	1.8	4	11/1/22 0:10	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/1/22 0:10	CMR
2-Hexanone (MBK)	0.13	0.20	0.10	J	0.52	0.82	0.41	4	11/1/22 0:10	CMR
Isopropanol	33 J	8.0	1.4	~~L-03~~	82 J	20	3.4	4	11/1/22 0:10	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/1/22 0:10	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/1/22 0:10	CMR
4-Methyl-2-pentanone (MIBK)	0.18	0.20	0.11	J	0.75	0.82	0.44	4	11/1/22 0:10	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/1/22 0:10	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/1/22 0:10	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/1/22 0:10	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/1/22 0:10	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: SV-14_10.20.22
Sample ID: 22J3301-14
Sample Matrix: Soil Gas
Sampled: 10/20/2022 13:16

Sample Description/Location:
Sub Description/Location:
Canister ID: 1066
Canister Size: 6 liter
Flow Controller ID: 4300
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -11.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	4.9	0.20	0.15		33	1.4	1.0	4	11/1/22 0:10	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/1/22 0:10	CMR
Toluene	0.70	0.20	0.11		2.6	0.75	0.43	4	11/1/22 0:10	CMR
1,2,4-Trichlorobenzene	ND UJ	0.20	0.19	~~L-03~~	ND UJ	1.5	1.4	4	11/1/22 0:10	CMR
1,1,1-Trichloroethane	0.20	0.20	0.16		1.1	1.1	0.86	4	11/1/22 0:10	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/1/22 0:10	CMR
Trichloroethylene	ND	0.20	0.13		ND	1.1	0.72	4	11/1/22 0:10	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/1/22 0:10	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/1/22 0:10	CMR
1,2,4-Trimethylbenzene	0.48	0.20	0.088		2.3	0.98	0.43	4	11/1/22 0:10	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/1/22 0:10	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/1/22 0:10	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/1/22 0:10	CMR
m&p-Xylene	0.34	0.40	0.22	J	1.5	1.7	0.97	4	11/1/22 0:10	CMR
o-Xylene	0.15	0.20	0.10	J	0.66	0.87	0.44	4	11/1/22 0:10	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.3	70-130	11/1/22 0:10

11/21/23

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ANALYTICAL RESULTS

Project Location: 473 President St. Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: OA-1_10.20.22
Sample ID: 22J3301-15
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:30

Sample Description/Location:
Sub Description/Location:
Canister ID: 1928
Canister Size: 6 liter
Flow Controller ID: 4424
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -9.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	3.2	1.4	0.85		7.7	3.3	2.0	0.702	11/1/22 18:56	CMR
Benzene	0.18	0.035	0.027		0.57	0.11	0.085	0.702	11/1/22 18:56	CMR
Benzyl chloride	ND	0.035	0.031		ND	0.18	0.16	0.702	11/1/22 18:56	CMR
Bromodichloromethane	ND	0.035	0.025		ND	0.24	0.16	0.702	11/1/22 18:56	CMR
Bromoform	ND	0.035	0.024		ND	0.36	0.25	0.702	11/1/22 18:56	CMR
Bromomethane	ND	0.035	0.023		ND	0.14	0.091	0.702	11/1/22 18:56	CMR
1,3-Butadiene	0.037	0.035	0.029		0.082	0.078	0.065	0.702	11/1/22 18:56	CMR
2-Butanone (MEK)	ND	1.4	0.37		ND	4.1	1.1	0.702	11/1/22 18:56	CMR
Carbon Disulfide	ND	0.35	0.032		ND	1.1	0.10	0.702	11/1/22 18:56	CMR
Carbon Tetrachloride	0.072	0.035	0.028		0.45	0.22	0.18	0.702	11/1/22 18:56	CMR
Chlorobenzene	ND	0.035	0.023		ND	0.16	0.11	0.702	11/1/22 18:56	CMR
Chloroethane	ND	0.035	0.031		ND	0.093	0.082	0.702	11/1/22 18:56	CMR
Chloroform	ND	0.035	0.033		ND	0.17	0.16	0.702	11/1/22 18:56	CMR
Chloromethane	0.43	0.070	0.028		0.90	0.14	0.058	0.702	11/1/22 18:56	CMR
Cyclohexane	0.045	0.035	0.021		0.15	0.12	0.073	0.702	11/1/22 18:56	CMR
Dibromochloromethane	ND	0.035	0.023		ND	0.30	0.20	0.702	11/1/22 18:56	CMR
1,2-Dibromoethane (EDB)	ND	0.035	0.021		ND	0.27	0.16	0.702	11/1/22 18:56	CMR
1,2-Dichlorobenzene	ND	0.035	0.020		ND	0.21	0.12	0.702	11/1/22 18:56	CMR
1,3-Dichlorobenzene	ND	0.035	0.019		ND	0.21	0.12	0.702	11/1/22 18:56	CMR
1,4-Dichlorobenzene	ND	0.035	0.023		ND	0.21	0.14	0.702	11/1/22 18:56	CMR
Dichlorodifluoromethane (Freon 12)	0.21	0.035	0.034		1.0	0.17	0.17	0.702	11/1/22 18:56	CMR
1,1-Dichloroethane	ND	0.035	0.031		ND	0.14	0.12	0.702	11/1/22 18:56	CMR
1,2-Dichloroethane	ND	0.035	0.032		ND	0.14	0.13	0.702	11/1/22 18:56	CMR
1,1-Dichloroethylene	ND	0.035	0.027		ND	0.14	0.11	0.702	11/1/22 18:56	CMR
cis-1,2-Dichloroethylene	ND	0.035	0.026		ND	0.14	0.10	0.702	11/1/22 18:56	CMR
trans-1,2-Dichloroethylene	ND	0.035	0.028		ND	0.14	0.11	0.702	11/1/22 18:56	CMR
1,2-Dichloropropane	ND	0.035	0.019		ND	0.16	0.088	0.702	11/1/22 18:56	CMR
cis-1,3-Dichloropropene	ND	0.035	0.018		ND	0.16	0.082	0.702	11/1/22 18:56	CMR
trans-1,3-Dichloropropene	ND	0.035	0.018		ND	0.16	0.082	0.702	11/1/22 18:56	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035	0.035		ND	0.25	0.24	0.702	11/1/22 18:56	CMR
1,4-Dioxane	ND	0.35	0.029		ND	1.3	0.10	0.702	11/1/22 18:56	CMR
Ethanol	4.4 J	1.4	0.62	~~L-03~~	8.3 J	2.6	1.2	0.702	11/1/22 18:56	CMR
Ethyl Acetate	ND	0.35	0.18		ND	1.3	0.64	0.702	11/1/22 18:56	CMR
Ethylbenzene	0.046	0.035	0.020		0.20	0.15	0.089	0.702	11/1/22 18:56	CMR
4-Ethyltoluene	ND	0.035	0.022		ND	0.17	0.11	0.702	11/1/22 18:56	CMR
Heptane	0.34	0.035	0.022		1.4	0.14	0.092	0.702	11/1/22 18:56	CMR
Hexachlorobutadiene	ND UJ	0.035	0.029	~~L-05~~	ND UJ	0.37	0.31	0.702	11/1/22 18:56	CMR
Hexane	0.49	1.4	0.18	J	1.7	4.9	0.64	0.702	11/1/22 18:56	CMR
2-Hexanone (MBK)	ND	0.035	0.018		ND	0.14	0.072	0.702	11/1/22 18:56	CMR
Isopropanol	0.66 J	1.4	0.24	~~L-03,~~ J	1.6 J	3.4	0.60	0.702	11/1/22 18:56	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.035	0.027		ND	0.13	0.098	0.702	11/1/22 18:56	CMR
Methylene Chloride	ND	0.35	0.16		ND	1.2	0.57	0.702	11/1/22 18:56	CMR
4-Methyl-2-pentanone (MIBK)	0.040	0.035	0.019		0.16	0.14	0.077	0.702	11/1/22 18:56	CMR
Naphthalene	0.048 J	0.035	0.026	~~L-03~~	0.25 J	0.18	0.14	0.702	11/1/22 18:56	CMR
Propene	ND	1.4	0.31		ND	2.4	0.53	0.702	11/1/22 18:56	CMR
Styrene	ND	0.035	0.018		ND	0.15	0.079	0.702	11/1/22 18:56	CMR
1,1,2,2-Tetrachloroethane	ND	0.035	0.019		ND	0.24	0.13	0.702	11/1/22 18:56	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/21/2022
Field Sample #: OA-1_10.20.22
Sample ID: 22J3301-15
Sample Matrix: Soil Gas
Sampled: 10/20/2022 10:30

Sample Description/Location:
Sub Description/Location:
Canister ID: 1928
Canister Size: 6 liter
Flow Controller ID: 4424
Sample Type: 2 hr

Work Order: 22J3301
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -9.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.038	0.035	0.027		0.26	0.24	0.18	0.702	11/1/22 18:56	CMR
Tetrahydrofuran	ND	0.35	0.058		ND	1.0	0.17	0.702	11/1/22 18:56	CMR
Toluene	0.58	0.035	0.020		2.2	0.13	0.076	0.702	11/1/22 18:56	CMR
1,2,4-Trichlorobenzene	ND UJ	0.035	0.033	~~L-03~~	ND UJ	0.26	0.24	0.702	11/1/22 18:56	CMR
1,1,1-Trichloroethane	ND	0.035	0.028		ND	0.19	0.15	0.702	11/1/22 18:56	CMR
1,1,2-Trichloroethane	ND	0.035	0.025		ND	0.19	0.13	0.702	11/1/22 18:56	CMR
Trichloroethylene	ND	0.035	0.024		ND	0.19	0.13	0.702	11/1/22 18:56	CMR
Trichlorofluoromethane (Freon 11)	0.18	0.14	0.041		1.0	0.79	0.23	0.702	11/1/22 18:56	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.053	0.14	0.039	J	0.40	1.1	0.30	0.702	11/1/22 18:56	CMR
1,2,4-Trimethylbenzene	0.046	0.035	0.016		0.22	0.17	0.076	0.702	11/1/22 18:56	CMR
1,3,5-Trimethylbenzene	ND	0.035	0.019		ND	0.17	0.091	0.702	11/1/22 18:56	CMR
Vinyl Acetate	ND	0.70	0.19		ND	2.5	0.66	0.702	11/1/22 18:56	CMR
Vinyl Chloride	ND	0.035	0.032		ND	0.090	0.081	0.702	11/1/22 18:56	CMR
m&p-Xylene	0.14	0.070	0.039		0.62	0.30	0.17	0.702	11/1/22 18:56	CMR
o-Xylene	0.058	0.035	0.018		0.25	0.15	0.078	0.702	11/1/22 18:56	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	95.9	70-130		11/1/22 18:56

NW 11/7/23

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 22J4339
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: February 17, 2023

EDS ID	Client ID	Laboratory ID	Matrix
1	SV-9_10.27.22	22J4339-01	Air
2	DUP-1_10.27.22	22J4339-02	Air
3	OA-1_10.27.22	22J4339-03	Air

A Data Usability Summary Review was performed on the analytical data for three air samples collected on October 27, 2022 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA Method TO-15

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation

- Laboratory Control Sample (LCS) recoveries
- GC/MS Tuning
- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Surrogate Recoveries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
BS322593-BS1	Ethanol	55.3%	J	1, 2, 3
	Isopropanol	63.1%	J	

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/04/22	Ethanol	32.1%	None	See LCS

Surrogate Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Compound Quantitation

- Several samples were analyzed at a dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

VOC				
Compound	SV-9_10.27.22 ug/m3	DUP-1_10.27.22 ug/m3	RPD	Qualifier
Acetone	12	14	15%	None
Carbon Disulfide	1.0	1.1	10%	
Chloroform	9.1	10	9%	
Dichlorodifluoromethane	2.2	2.0	10%	
Ethanol	12	12	0%	
Isopropanol	96	110	14%	
Tetrachloroethylene	1.3	1.7	27%	
Toluene	0.60	0.62	3%	
Trichloroethylene	1.8	2.1	15%	

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 2/19/23

Nancy Weaver
Senior Chemist

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

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ANALYTICAL RESULTS

Project Location: 473 President St. Brooklyn. NY
Date Received: 10/28/2022
Field Sample #: SV-9-10.27.22
Sample ID: 22J4339-01
Sample Matrix: Soil Gas
Sampled: 10/27/2022 12:15

Sample Description/Location:
Sub Description/Location:
Canister ID: 1162
Canister Size: 6 liter
Flow Controller ID: 4316
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -11.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	5.1	8.0	4.8	J	12	19	11	4	11/4/22 20:26	CMR
Benzene	ND	0.20	0.15		ND	0.64	0.48	4	11/4/22 20:26	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/4/22 20:26	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/4/22 20:26	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/4/22 20:26	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/4/22 20:26	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/4/22 20:26	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/4/22 20:26	CMR
Carbon Disulfide	0.33	2.0	0.18	J	1.0	6.2	0.58	4	11/4/22 20:26	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/4/22 20:26	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/4/22 20:26	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/4/22 20:26	CMR
Chloroform	1.9	0.20	0.19		9.1	0.98	0.93	4	11/4/22 20:26	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/4/22 20:26	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/4/22 20:26	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/4/22 20:26	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/4/22 20:26	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/4/22 20:26	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/4/22 20:26	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/4/22 20:26	CMR
Dichlorodifluoromethane (Freon 12)	0.44	0.20	0.20		2.2	0.99	0.97	4	11/4/22 20:26	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/4/22 20:26	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/4/22 20:26	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/4/22 20:26	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/4/22 20:26	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/4/22 20:26	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/4/22 20:26	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/4/22 20:26	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/4/22 20:26	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20		ND	1.4	1.4	4	11/4/22 20:26	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/4/22 20:26	CMR
Ethanol	6.1 J	8.0	3.5	~~V-05, L-03, J~~	12	15	6.6	4	11/4/22 20:26	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/4/22 20:26	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/4/22 20:26	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/4/22 20:26	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	11/4/22 20:26	CMR
Hexachlorobutadiene	ND	0.20	0.16		ND	2.1	1.8	4	11/4/22 20:26	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/4/22 20:26	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/4/22 20:26	CMR
Isopropanol	39 J	8.0	1.4	~~L-03~~	96	20	3.4	4	11/4/22 20:26	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/4/22 20:26	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/4/22 20:26	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/4/22 20:26	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/4/22 20:26	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/4/22 20:26	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/4/22 20:26	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/4/22 20:26	CMR

MW 2/17/23

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

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: SV-9-10.27.22
Sample ID: 22J4339-01
Sample Matrix: Soil Gas
Sampled: 10/27/2022 12:15

Sample Description/Location:
Sub Description/Location:
Canister ID: 1162
Canister Size: 6 liter
Flow Controller ID: 4316
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -11.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.22	0.20	0.15		1.5	1.4	1.0	4	11/4/22 20:26	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/4/22 20:26	CMR
Toluene	0.16	0.20	0.11	J	0.60	0.75	0.43	4	11/4/22 20:26	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19		ND	1.5	1.4	4	11/4/22 20:26	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/4/22 20:26	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/4/22 20:26	CMR
Trichloroethylene	0.34	0.20	0.13		1.8	1.1	0.72	4	11/4/22 20:26	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/4/22 20:26	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/4/22 20:26	CMR
1,2,4-Trimethylbenzene	ND	0.20	0.088		ND	0.98	0.43	4	11/4/22 20:26	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/4/22 20:26	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/4/22 20:26	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/4/22 20:26	CMR
m&p-Xylene	ND	0.40	0.22		ND	1.7	0.97	4	11/4/22 20:26	CMR
o-Xylene	ND	0.20	0.10		ND	0.87	0.44	4	11/4/22 20:26	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	100	70-130	11/4/22 20:26

NW 2/17/23

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: DUP-1-10.27.22
Sample ID: 22J4339-02
Sample Matrix: Soil Gas
Sampled: 10/27/2022 12:15

Sample Description/Location:
Sub Description/Location:
Canister ID: 1886
Canister Size: 6 liter
Flow Controller ID: 4316
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -11.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	5.8	8.0	4.8	J	14	19	11	4	11/4/22 21:07	CMR
Benzene	ND	0.20	0.15		ND	0.64	0.48	4	11/4/22 21:07	CMR
Benzyl chloride	ND	0.20	0.18		ND	1.0	0.91	4	11/4/22 21:07	CMR
Bromodichloromethane	ND	0.20	0.14		ND	1.3	0.94	4	11/4/22 21:07	CMR
Bromoform	ND	0.20	0.14		ND	2.1	1.4	4	11/4/22 21:07	CMR
Bromomethane	ND	0.20	0.13		ND	0.78	0.52	4	11/4/22 21:07	CMR
1,3-Butadiene	ND	0.20	0.17		ND	0.44	0.37	4	11/4/22 21:07	CMR
2-Butanone (MEK)	ND	8.0	2.1		ND	24	6.3	4	11/4/22 21:07	CMR
Carbon Disulfide	0.36	2.0	0.18	J	1.1	6.2	0.58	4	11/4/22 21:07	CMR
Carbon Tetrachloride	ND	0.20	0.16		ND	1.3	1.0	4	11/4/22 21:07	CMR
Chlorobenzene	ND	0.20	0.13		ND	0.92	0.61	4	11/4/22 21:07	CMR
Chloroethane	ND	0.20	0.18		ND	0.53	0.47	4	11/4/22 21:07	CMR
Chloroform	2.1	0.20	0.19		10	0.98	0.93	4	11/4/22 21:07	CMR
Chloromethane	ND	0.40	0.16		ND	0.83	0.33	4	11/4/22 21:07	CMR
Cyclohexane	ND	0.20	0.12		ND	0.69	0.42	4	11/4/22 21:07	CMR
Dibromochloromethane	ND	0.20	0.13		ND	1.7	1.1	4	11/4/22 21:07	CMR
1,2-Dibromoethane (EDB)	ND	0.20	0.12		ND	1.5	0.93	4	11/4/22 21:07	CMR
1,2-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.69	4	11/4/22 21:07	CMR
1,3-Dichlorobenzene	ND	0.20	0.11		ND	1.2	0.67	4	11/4/22 21:07	CMR
1,4-Dichlorobenzene	ND	0.20	0.13		ND	1.2	0.79	4	11/4/22 21:07	CMR
Dichlorodifluoromethane (Freon 12)	0.41	0.20	0.20		2.0	0.99	0.97	4	11/4/22 21:07	CMR
1,1-Dichloroethane	ND	0.20	0.17		ND	0.81	0.71	4	11/4/22 21:07	CMR
1,2-Dichloroethane	ND	0.20	0.18		ND	0.81	0.73	4	11/4/22 21:07	CMR
1,1-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.60	4	11/4/22 21:07	CMR
cis-1,2-Dichloroethylene	ND	0.20	0.15		ND	0.79	0.58	4	11/4/22 21:07	CMR
trans-1,2-Dichloroethylene	ND	0.20	0.16		ND	0.79	0.62	4	11/4/22 21:07	CMR
1,2-Dichloropropane	ND	0.20	0.11		ND	0.92	0.50	4	11/4/22 21:07	CMR
cis-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.47	4	11/4/22 21:07	CMR
trans-1,3-Dichloropropene	ND	0.20	0.10		ND	0.91	0.46	4	11/4/22 21:07	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	0.20		ND	1.4	1.4	4	11/4/22 21:07	CMR
1,4-Dioxane	ND	2.0	0.17		ND	7.2	0.60	4	11/4/22 21:07	CMR
Ethanol	6.5 J	8.0	3.5	~~L-03, V-05, L~~	12	15	6.6	4	11/4/22 21:07	CMR
Ethyl Acetate	ND	2.0	1.0		ND	7.2	3.6	4	11/4/22 21:07	CMR
Ethylbenzene	ND	0.20	0.12		ND	0.87	0.51	4	11/4/22 21:07	CMR
4-Ethyltoluene	ND	0.20	0.12		ND	0.98	0.60	4	11/4/22 21:07	CMR
Heptane	ND	0.20	0.13		ND	0.82	0.52	4	11/4/22 21:07	CMR
Hexachlorobutadiene	ND	0.20	0.16		ND	2.1	1.8	4	11/4/22 21:07	CMR
Hexane	ND	8.0	1.0		ND	28	3.7	4	11/4/22 21:07	CMR
2-Hexanone (MBK)	ND	0.20	0.10		ND	0.82	0.41	4	11/4/22 21:07	CMR
Isopropanol	43 J	8.0	1.4	~~L-03~~	110	20	3.4	4	11/4/22 21:07	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20	0.15		ND	0.72	0.56	4	11/4/22 21:07	CMR
Methylene Chloride	ND	2.0	0.93		ND	6.9	3.2	4	11/4/22 21:07	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20	0.11		ND	0.82	0.44	4	11/4/22 21:07	CMR
Naphthalene	ND	0.20	0.15		ND	1.0	0.79	4	11/4/22 21:07	CMR
Propene	ND	8.0	1.8		ND	14	3.0	4	11/4/22 21:07	CMR
Styrene	ND	0.20	0.11		ND	0.85	0.45	4	11/4/22 21:07	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	0.11		ND	1.4	0.74	4	11/4/22 21:07	CMR

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: DUP-1-10.27.22
Sample ID: 22J4339-02
Sample Matrix: Soil Gas
Sampled: 10/27/2022 12:15

Sample Description/Location:
Sub Description/Location:
Canister ID: 1886
Canister Size: 6 liter
Flow Controller ID: 4316
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -11.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

		ppbv				ug/m3			Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Tetrachloroethylene	0.24	0.20	0.15		1.7	1.4	1.0	4	11/4/22 21:07	CMR
Tetrahydrofuran	ND	2.0	0.33		ND	5.9	0.97	4	11/4/22 21:07	CMR
Toluene	0.16	0.20	0.11	J	0.62	0.75	0.43	4	11/4/22 21:07	CMR
1,2,4-Trichlorobenzene	ND	0.20	0.19		ND	1.5	1.4	4	11/4/22 21:07	CMR
1,1,1-Trichloroethane	ND	0.20	0.16		ND	1.1	0.86	4	11/4/22 21:07	CMR
1,1,2-Trichloroethane	ND	0.20	0.14		ND	1.1	0.77	4	11/4/22 21:07	CMR
Trichloroethylene	0.40	0.20	0.13		2.1	1.1	0.72	4	11/4/22 21:07	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80	0.24		ND	4.5	1.3	4	11/4/22 21:07	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	0.22		ND	6.1	1.7	4	11/4/22 21:07	CMR
1,2,4-Trimethylbenzene	ND	0.20	0.088		ND	0.98	0.43	4	11/4/22 21:07	CMR
1,3,5-Trimethylbenzene	ND	0.20	0.11		ND	0.98	0.52	4	11/4/22 21:07	CMR
Vinyl Acetate	ND	4.0	1.1		ND	14	3.8	4	11/4/22 21:07	CMR
Vinyl Chloride	ND	0.20	0.18		ND	0.51	0.46	4	11/4/22 21:07	CMR
m&p-Xylene	ND	0.40	0.22		ND	1.7	0.97	4	11/4/22 21:07	CMR
o-Xylene	ND	0.20	0.10		ND	0.87	0.44	4	11/4/22 21:07	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.8	70-130	11/4/22 21:07

nw 2/14/23

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3

ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: OA-1-10.27.22
Sample ID: 22J4339-03
Sample Matrix: Ambient Air
Sampled: 10/27/2022 12:40

Sample Description/Location:
Sub Description/Location:
Canister ID: 1936
Canister Size: 6 liter
Flow Controller ID: 4439
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	ppbv MDL	Flag/Qual	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Dilution	Date/Time Analyzed	Analyst
Acetone	3.8	1.4	0.84		9.1	3.3	2.0	0.696	11/4/22 19:45	CMR
Benzene	0.097	0.035	0.026		0.31	0.11	0.084	0.696	11/4/22 19:45	CMR
Benzyl chloride	ND	0.035	0.031		ND	0.18	0.16	0.696	11/4/22 19:45	CMR
Bromodichloromethane	ND	0.035	0.024		ND	0.23	0.16	0.696	11/4/22 19:45	CMR
Bromoform	ND	0.035	0.024		ND	0.36	0.24	0.696	11/4/22 19:45	CMR
Bromomethane	ND	0.035	0.023		ND	0.14	0.090	0.696	11/4/22 19:45	CMR
1,3-Butadiene	ND	0.035	0.029		ND	0.077	0.065	0.696	11/4/22 19:45	CMR
2-Butanone (MEK)	0.46	1.4	0.37	J	1.4	4.1	1.1	0.696	11/4/22 19:45	CMR
Carbon Disulfide	ND	0.35	0.032		ND	1.1	0.10	0.696	11/4/22 19:45	CMR
Carbon Tetrachloride	0.070	0.035	0.028		0.44	0.22	0.17	0.696	11/4/22 19:45	CMR
Chlorobenzene	ND	0.035	0.023		ND	0.16	0.11	0.696	11/4/22 19:45	CMR
Chloroethane	ND	0.035	0.031		ND	0.092	0.081	0.696	11/4/22 19:45	CMR
Chloroform	ND	0.035	0.033		ND	0.17	0.16	0.696	11/4/22 19:45	CMR
Chloromethane	0.42	0.070	0.028		0.87	0.14	0.057	0.696	11/4/22 19:45	CMR
Cyclohexane	ND	0.035	0.021		ND	0.12	0.072	0.696	11/4/22 19:45	CMR
Dibromochloromethane	ND	0.035	0.023		ND	0.30	0.20	0.696	11/4/22 19:45	CMR
1,2-Dibromoethane (EDB)	ND	0.035	0.021		ND	0.27	0.16	0.696	11/4/22 19:45	CMR
1,2-Dichlorobenzene	ND	0.035	0.020		ND	0.21	0.12	0.696	11/4/22 19:45	CMR
1,3-Dichlorobenzene	ND	0.035	0.019		ND	0.21	0.12	0.696	11/4/22 19:45	CMR
1,4-Dichlorobenzene	ND	0.035	0.023		ND	0.21	0.14	0.696	11/4/22 19:45	CMR
Dichlorodifluoromethane (Freon 12)	0.21	0.035	0.034		1.0	0.17	0.17	0.696	11/4/22 19:45	CMR
1,1-Dichloroethane	ND	0.035	0.030		ND	0.14	0.12	0.696	11/4/22 19:45	CMR
1,2-Dichloroethane	ND	0.035	0.032		ND	0.14	0.13	0.696	11/4/22 19:45	CMR
1,1-Dichloroethylene	ND	0.035	0.027		ND	0.14	0.11	0.696	11/4/22 19:45	CMR
cis-1,2-Dichloroethylene	ND	0.035	0.025		ND	0.14	0.10	0.696	11/4/22 19:45	CMR
trans-1,2-Dichloroethylene	ND	0.035	0.027		ND	0.14	0.11	0.696	11/4/22 19:45	CMR
1,2-Dichloropropane	ND	0.035	0.019		ND	0.16	0.087	0.696	11/4/22 19:45	CMR
cis-1,3-Dichloropropene	ND	0.035	0.018		ND	0.16	0.082	0.696	11/4/22 19:45	CMR
trans-1,3-Dichloropropene	ND	0.035	0.018		ND	0.16	0.081	0.696	11/4/22 19:45	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035	0.034		ND	0.24	0.24	0.696	11/4/22 19:45	CMR
1,4-Dioxane	ND	0.35	0.029		ND	1.3	0.10	0.696	11/4/22 19:45	CMR
Ethanol	6.7 J	1.4	0.61	~~L-03, V-05~~	13	2.6	1.2	0.696	11/4/22 19:45	CMR
Ethyl Acetate	ND	0.35	0.18		ND	1.3	0.63	0.696	11/4/22 19:45	CMR
Ethylbenzene	0.029	0.035	0.020	J	0.12	0.15	0.088	0.696	11/4/22 19:45	CMR
4-Ethyltoluene	ND	0.035	0.021		ND	0.17	0.11	0.696	11/4/22 19:45	CMR
Heptane	0.047	0.035	0.022		0.19	0.14	0.091	0.696	11/4/22 19:45	CMR
Hexachlorobutadiene	ND	0.035	0.029		ND	0.37	0.31	0.696	11/4/22 19:45	CMR
Hexane	ND	1.4	0.18		ND	4.9	0.64	0.696	11/4/22 19:45	CMR
2-Hexanone (MBK)	0.11	0.035	0.017		0.44	0.14	0.071	0.696	11/4/22 19:45	CMR
Isopropanol	3.8 J	1.4	0.24	~~L-03~~	9.2	3.4	0.59	0.696	11/4/22 19:45	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.035	0.027		ND	0.13	0.097	0.696	11/4/22 19:45	CMR
Methylene Chloride	ND	0.35	0.16		ND	1.2	0.56	0.696	11/4/22 19:45	CMR
4-Methyl-2-pentanone (MIBK)	0.064	0.035	0.019		0.26	0.14	0.076	0.696	11/4/22 19:45	CMR
Naphthalene	0.035	0.035	0.026		0.19	0.18	0.14	0.696	11/4/22 19:45	CMR
Propene	0.39	1.4	0.31	J	0.67	2.4	0.53	0.696	11/4/22 19:45	CMR
Styrene	ND	0.035	0.018		ND	0.15	0.078	0.696	11/4/22 19:45	CMR
1,1,2,2-Tetrachloroethane	ND	0.035	0.019		ND	0.24	0.13	0.696	11/4/22 19:45	CMR

NW 2/17/23

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ANALYTICAL RESULTS

Project Location: 473 President St, Brooklyn, NY
Date Received: 10/28/2022
Field Sample #: OA-1-10.27.22
Sample ID: 22J4339-03
Sample Matrix: Ambient Air
Sampled: 10/27/2022 12:40

Sample Description/Location:
Sub Description/Location:
Canister ID: 1936
Canister Size: 6 liter
Flow Controller ID: 4439
Sample Type: 2 hr

Work Order: 22J4339
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -11
Receipt Vacuum(in Hg): -10.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Tetrachloroethylene	ND	0.035	0.027		ND	0.24	0.18	0.696	11/4/22 19:45	CMR
Tetrahydrofuran	ND	0.35	0.057		ND	1.0	0.17	0.696	11/4/22 19:45	CMR
Toluene	0.19	0.035	0.020		0.71	0.13	0.075	0.696	11/4/22 19:45	CMR
1,2,4-Trichlorobenzene	ND	0.035	0.032		ND	0.26	0.24	0.696	11/4/22 19:45	CMR
1,1,1-Trichloroethane	ND	0.035	0.027		ND	0.19	0.15	0.696	11/4/22 19:45	CMR
1,1,2-Trichloroethane	ND	0.035	0.024		ND	0.19	0.13	0.696	11/4/22 19:45	CMR
Trichloroethylene	ND	0.035	0.023		ND	0.19	0.13	0.696	11/4/22 19:45	CMR
Trichlorofluoromethane (Freon 11)	0.18	0.14	0.041		1.00	0.78	0.23	0.696	11/4/22 19:45	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.052	0.14	0.039	J	0.40	1.1	0.30	0.696	11/4/22 19:45	CMR
1,2,4-Trimethylbenzene	0.033	0.035	0.015	J	0.16	0.17	0.076	0.696	11/4/22 19:45	CMR
1,3,5-Trimethylbenzene	ND	0.035	0.018		ND	0.17	0.090	0.696	11/4/22 19:45	CMR
Vinyl Acetate	ND	0.70	0.19		ND	2.5	0.66	0.696	11/4/22 19:45	CMR
Vinyl Chloride	ND	0.035	0.031		ND	0.089	0.080	0.696	11/4/22 19:45	CMR
m&p-Xylene	0.085	0.070	0.039		0.37	0.30	0.17	0.696	11/4/22 19:45	CMR
o-Xylene	0.034	0.035	0.018	J	0.15	0.15	0.077	0.696	11/4/22 19:45	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	101	70-130	11/4/22 19:45

NW 2/17/23

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
473 PRESIDENT STREET, BROOKLYN, NEW YORK

Client: HRP Associates, In., Clifton Park, New York
SDG: 23A2216
Laboratory: Con-Test, East Longmeadow, Massachusetts
Site: 473 President Street, Brooklyn, New York
Date: April 13, 2023

EDS ID	Client ID	Laboratory ID	Matrix
1	SV-18-1.18.23	23A2216-01	Air
2	DUP-1.18.23	23A2216-02	Air
3	OA-1.18.23	23A2216-03	Air
4	SV-16-1.18.23	23A2216-04	Air
5	SV-15-1.18.23	23A2216-05	Air
6	SV-17-1.18.23	23A2216-06	Air

A Data Usability Summary Review was performed on the analytical data for six air samples collected on January 18, 2023 by HRP at the 473 President Street site in Brooklyn, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA Method TO-15

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks

- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- GC/MS Tuning
- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Surrogate Recoveries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
B330682-BS1	Acrolein	51.4%	J/UJ	1, 2, 4
	1,3-Butadiene	69.5%	J/UJ	
	Chloroethane	68.5%	J/UJ	
	Ethanol	66.3%	J/UJ	
	Isopropanol	68.4%	J/UJ	
B330948-BS1	Acrolein	67.8%	UJ	3, 5, 6

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for

project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
02/02/23	Acrolein	38.6%	None	See LCS
	Chloroethane	36.5%	None	
	Ethanol	45.7%	None	
	Isopropanol	34.6%	None	
02/06/23	Chloromethane	30.6%	J/UJ	3, 5, 6
	Ethanol	32.8%	J	
	4-Methyl-2-pentanone	31.9%	UJ	

Surrogate Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Compound Quantitation

- Several samples were analyzed at a dilution due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

VOC				
Compound	SV-18-1.18.23 ppbv	DUP-1.18.23 ppbv	RPD	Qualifier
Benzene	4.9	5.0	2%	None
Carbon Disulfide	8.2	9.8	18%	
Chloroform	16	18	12%	
Cyclohexane	2700	3400	23%	
Ethylbenzene	2.0	2.2	10%	
Heptane	3.5	3.8	8%	
Hexane	16U	17	NC	
Tetrachloroethylene	4.3	3.0U	NC	
Toluene	7.7	9.2	18%	
m&p-Xylene	5.7	6.3	10%	
o-Xylene	1.7	1.9	11%	

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: _____ Dated: 4/13/23

Nancy Weaver
Senior Chemist

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

1 - FORM I
ANALYSIS DATA SHEET

SV-18-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-01	File ID:	G23A033024.D
Sampled:	01/18/23 09:55	Prepared:	02/02/23 00:00	Analyzed:	02/03/23 05:26
Solids:		Preparation:	TO-15 Prep	Dilution:	60
Initial/Final:	400 mL / 400 mL				
Batch:	B330682	Sequence:	S082839	Calibration:	2200631	Instrument:	SYSG

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
67-64-1	Acetone		72	120	
107-02-8	Acrolein		15	60	UJ ~~L-03, V-05~~
71-43-2	Benzene	4.9	2.3	3.0	
100-44-7	Benzyl chloride		2.6	3.0	
75-27-4	Bromodichloromethane		2.1	3.0	
75-25-2	Bromoform		2.0	3.0	
74-83-9	Bromomethane		2.0	3.0	
106-99-0	1,3-Butadiene		2.5	3.0	UJ ~~L-03~~
78-93-3	2-Butanone (MEK)		32	120	
75-15-0	Carbon Disulfide	8.2	2.8	30	J
56-23-5	Carbon Tetrachloride		2.4	3.0	
108-90-7	Chlorobenzene		2.0	3.0	
75-00-3	Chloroethane		2.7	3.0	UJ ~~L-03, V-05~~
67-66-3	Chloroform	16	2.8	3.0	
74-87-3	Chloromethane		2.4	6.0	
110-82-7	Cyclohexane	2700	1.8	3.0	
124-48-1	Dibromochloromethane		2.0	3.0	
106-93-4	1,2-Dibromoethane (EDB)		1.8	3.0	
95-50-1	1,2-Dichlorobenzene		1.7	3.0	
541-73-1	1,3-Dichlorobenzene		1.7	3.0	
106-46-7	1,4-Dichlorobenzene		2.0	3.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		2.9	3.0	
75-34-3	1,1-Dichloroethane		2.6	3.0	
107-06-2	1,2-Dichloroethane		2.7	3.0	
75-35-4	1,1-Dichloroethylene		2.3	3.0	
156-59-2	cis-1,2-Dichloroethylene		2.2	3.0	
156-60-5	trans-1,2-Dichloroethylene		2.4	3.0	
78-87-5	1,2-Dichloropropane		1.6	3.0	
10061-01-5	cis-1,3-Dichloropropene		1.6	3.0	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon		3.0	3.0	

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1 - FORM I
ANALYSIS DATA SHEET

SV-18-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-01	File ID:	G23A033024.D
Sampled:	01/18/23 09:55	Prepared:	02/02/23 00:00	Analyzed:	02/03/23 05:26
Solids:		Preparation:	TO-15 Prep	Dilution:	60
Initial/Final:	400 mL / 400 mL				
Batch:	B330682	Sequence:	S082839	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
123-91-1	1,4-Dioxane		2.5	30	
64-17-5	Ethanol		53	120	UJ ~~L-03, V-05~~
141-78-6	Ethyl Acetate		15	30	
100-41-4	Ethylbenzene	2.0	1.8	3.0	J
622-96-8	4-Ethyltoluene		1.8	3.0	
142-82-5	Heptane	3.5	1.9	3.0	
87-68-3	Hexachlorobutadiene		2.5	3.0	
110-54-3	Hexane		16	120	
591-78-6	2-Hexanone (MBK)		1.5	3.0	
67-63-0	Isopropanol		21	120	UJ ~~L-03, V-05~~
1634-04-4	Methyl tert-Butyl Ether (MTBE)		2.3	3.0	
75-09-2	Methylene Chloride		14	30	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.6	3.0	
91-20-3	Naphthalene		2.3	3.0	
115-07-1	Propene		26	120	
100-42-5	Styrene		1.6	3.0	
79-34-5	1,1,2,2-Tetrachloroethane		1.6	3.0	
127-18-4	Tetrachloroethylene	4.3	2.3	3.0	
109-99-9	Tetrahydrofuran		4.9	30	
108-88-3	Toluene	7.7	1.7	3.0	
120-82-1	1,2,4-Trichlorobenzene		2.8	3.0	
71-55-6	1,1,1-Trichloroethane		2.4	3.0	
79-00-5	1,1,2-Trichloroethane		2.1	3.0	
79-01-6	Trichloroethylene		2.0	3.0	
75-69-4	Trichlorofluoromethane (Freon 11)		3.5	12	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		3.3	12	
95-63-6	1,2,4-Trimethylbenzene		1.3	3.0	
108-67-8	1,3,5-Trimethylbenzene		1.6	3.0	
108-05-4	Vinyl Acetate		16	30	
75-01-4	Vinyl Chloride		2.7	3.0	

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1 - FORM I
ANALYSIS DATA SHEET

SV-18-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-01	File ID:	G23A033024.D
Sampled:	01/18/23 09:55	Prepared:	02/02/23 00:00	Analyzed:	02/03/23 05:26
Solids:		Preparation:	TO-15 Prep	Dilution:	60
Initial/Final:	400 mL / 400 mL				
Batch:	B330682	Sequence:	S082839	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
1330-20-7P/M	m&p-Xylene	5.7	3.4	6.0	J
95-47-6	o-Xylene	1.7	1.5	3.0	J

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1 - FORM I
ANALYSIS DATA SHEET

DUP-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-02	File ID:	G23A033026.D
Sampled:	01/18/23 09:55	Prepared:	02/02/23 00:00	Analyzed:	02/03/23 07:15
Solids:		Preparation:	TO-15 Prep	Dilution:	60
Initial/Final:	400 mL / 400 mL				
Batch:	B330682	Sequence:	S082839	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
67-64-1	Acetone		72	120	
107-02-8	Acrolein		15	60	UJ ~~L-03, V-05~~
71-43-2	Benzene	5.0	2.3	3.0	
100-44-7	Benzyl chloride		2.6	3.0	
75-27-4	Bromodichloromethane		2.1	3.0	
75-25-2	Bromoform		2.0	3.0	
74-83-9	Bromomethane		2.0	3.0	
106-99-0	1,3-Butadiene		2.5	3.0	UJ ~~L-03~~
78-93-3	2-Butanone (MEK)		32	120	
75-15-0	Carbon Disulfide	9.8	2.8	30	J
56-23-5	Carbon Tetrachloride		2.4	3.0	
108-90-7	Chlorobenzene		2.0	3.0	
75-00-3	Chloroethane		2.7	3.0	UJ ~~L-03, V-05~~
67-66-3	Chloroform	18	2.8	3.0	
74-87-3	Chloromethane		2.4	6.0	
124-48-1	Dibromochloromethane		2.0	3.0	
106-93-4	1,2-Dibromoethane (EDB)		1.8	3.0	
95-50-1	1,2-Dichlorobenzene		1.7	3.0	
541-73-1	1,3-Dichlorobenzene		1.7	3.0	
106-46-7	1,4-Dichlorobenzene		2.0	3.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		2.9	3.0	
75-34-3	1,1-Dichloroethane		2.6	3.0	
107-06-2	1,2-Dichloroethane		2.7	3.0	
75-35-4	1,1-Dichloroethylene		2.3	3.0	
156-59-2	cis-1,2-Dichloroethylene		2.2	3.0	
156-60-5	trans-1,2-Dichloroethylene		2.4	3.0	
78-87-5	1,2-Dichloropropane		1.6	3.0	
10061-01-5	cis-1,3-Dichloropropene		1.6	3.0	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon		3.0	3.0	
123-91-1	1,4-Dioxane		2.5	30	

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1 - FORM I
ANALYSIS DATA SHEET

DUP-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-02	File ID:	G23A033026.D
Sampled:	01/18/23 09:55	Prepared:	02/02/23 00:00	Analyzed:	02/03/23 07:15
Solids:		Preparation:	TO-15 Prep	Dilution:	60
Initial/Final:	400 mL / 400 mL				
Batch:	B330682	Sequence:	S082839	Calibration:	2200631	Instrument:	SYSG

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
64-17-5	Ethanol		53	120	UJ ~~L-03, V-05~~
141-78-6	Ethyl Acetate		15	30	
100-41-4	Ethylbenzene	2.2	1.8	3.0	J
622-96-8	4-Ethyltoluene		1.8	3.0	
142-82-5	Heptane	3.8	1.9	3.0	
87-68-3	Hexachlorobutadiene		2.5	3.0	
110-54-3	Hexane	17	16	120	J
591-78-6	2-Hexanone (MBK)		1.5	3.0	
67-63-0	Isopropanol		21	120	UJ ~~L-03, V-05~~
1634-04-4	Methyl tert-Butyl Ether (MTBE)		2.3	3.0	
75-09-2	Methylene Chloride		14	30	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.6	3.0	
91-20-3	Naphthalene		2.3	3.0	
115-07-1	Propene		26	120	
100-42-5	Styrene		1.6	3.0	
79-34-5	1,1,2,2-Tetrachloroethane		1.6	3.0	
127-18-4	Tetrachloroethylene		2.3	3.0	
109-99-9	Tetrahydrofuran		4.9	30	
108-88-3	Toluene	9.2	1.7	3.0	
120-82-1	1,2,4-Trichlorobenzene		2.8	3.0	
71-55-6	1,1,1-Trichloroethane		2.4	3.0	
79-00-5	1,1,2-Trichloroethane		2.1	3.0	
79-01-6	Trichloroethylene		2.0	3.0	
75-69-4	Trichlorofluoromethane (Freon 11)		3.5	12	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		3.3	12	
95-63-6	1,2,4-Trimethylbenzene		1.3	3.0	
108-67-8	1,3,5-Trimethylbenzene		1.6	3.0	
108-05-4	Vinyl Acetate		16	30	
75-01-4	Vinyl Chloride		2.7	3.0	
1330-20-7P/M	m&p-Xylene	6.3	3.4	6.0	

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1 - FORM I
ANALYSIS DATA SHEET

DUP-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-02	File ID:	G23A033026.D
Sampled:	01/18/23 09:55	Prepared:	02/02/23 00:00	Analyzed:	02/03/23 07:15
Solids:		Preparation:	TO-15 Prep	Dilution:	60
Initial/Final:	400 mL / 400 mL				
Batch:	B330682	Sequence:	S082839	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
95-47-6	o-Xylene	1.9	1.5	3.0	J

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1 - FORM I
ANALYSIS DATA SHEET

DUP-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-02RE1	File ID:	G23A033027.D
Sampled:	01/18/23 09:55	Prepared:	02/02/23 00:00	Analyzed:	02/03/23 08:09
Solids:		Preparation:	TO-15 Prep	Dilution:	600
Initial/Final:	400 mL / 400 mL				
Batch:	B330682	Sequence:	S082839	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
110-82-7	Cyclohexane	3400	18	30	

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ANALYSIS DATA SHEET

OA-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-03	File ID:	G23A037012.D
Sampled:	01/18/23 09:50	Prepared:	02/06/23 00:00	Analyzed:	02/06/23 18:33
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330948	Sequence:	S082984	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
67-64-1	Acetone	1.9	1.2	2.0	J
107-02-8	Acrolein		0.25	1.0	UJ ~~L-03~~
71-43-2	Benzene	0.097	0.038	0.050	
100-44-7	Benzyl chloride		0.044	0.050	
75-27-4	Bromodichloromethane		0.035	0.050	
75-25-2	Bromoform		0.034	0.050	
74-83-9	Bromomethane		0.033	0.050	
106-99-0	1,3-Butadiene	0.051	0.042	0.050	
78-93-3	2-Butanone (MEK)		0.53	2.0	
75-15-0	Carbon Disulfide		0.046	0.50	
56-23-5	Carbon Tetrachloride		0.040	0.050	
108-90-7	Chlorobenzene		0.033	0.050	
75-00-3	Chloroethane		0.044	0.050	
67-66-3	Chloroform		0.048	0.050	
74-87-3	Chloromethane	0.15	0.040	0.10	UJ ~~V-05~~
110-82-7	Cyclohexane		0.030	0.050	
124-48-1	Dibromochloromethane		0.033	0.050	
106-93-4	1,2-Dibromoethane (EDB)		0.030	0.050	
95-50-1	1,2-Dichlorobenzene		0.029	0.050	
541-73-1	1,3-Dichlorobenzene		0.028	0.050	
106-46-7	1,4-Dichlorobenzene		0.033	0.050	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.12	0.049	0.050	
75-34-3	1,1-Dichloroethane		0.044	0.050	
107-06-2	1,2-Dichloroethane		0.045	0.050	
75-35-4	1,1-Dichloroethylene		0.038	0.050	
156-59-2	cis-1,2-Dichloroethylene		0.036	0.050	
156-60-5	trans-1,2-Dichloroethylene		0.039	0.050	
78-87-5	1,2-Dichloropropane		0.027	0.050	
10061-01-5	cis-1,3-Dichloropropene		0.026	0.050	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon		0.049	0.050	

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1 - FORM I
ANALYSIS DATA SHEET

OA-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-03	File ID:	G23A037012.D
Sampled:	01/18/23 09:50	Prepared:	02/06/23 00:00	Analyzed:	02/06/23 18:33
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330948	Sequence:	S082984	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
123-91-1	1,4-Dioxane		0.042	0.50	
64-17-5	Ethanol	2.1	0.88	2.0	J ~~V-05~~
141-78-6	Ethyl Acetate		0.25	0.50	
100-41-4	Ethylbenzene	0.030	0.029	0.050	J
622-96-8	4-Ethyltoluene		0.031	0.050	
142-82-5	Heptane		0.032	0.050	
87-68-3	Hexachlorobutadiene		0.041	0.050	
110-54-3	Hexane		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.025	0.050	
67-63-0	Isopropanol		0.34	2.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.039	0.050	
75-09-2	Methylene Chloride		0.23	0.50	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.027	0.050	UJ ~~V-05~~
91-20-3	Naphthalene		0.038	0.050	
115-07-1	Propene		0.44	2.0	
100-42-5	Styrene		0.026	0.050	
79-34-5	1,1,2,2-Tetrachloroethane		0.027	0.050	
127-18-4	Tetrachloroethylene		0.038	0.050	
109-99-9	Tetrahydrofuran		0.082	0.50	
108-88-3	Toluene	0.12	0.029	0.050	
120-82-1	1,2,4-Trichlorobenzene		0.046	0.050	
71-55-6	1,1,1-Trichloroethane		0.039	0.050	
79-00-5	1,1,2-Trichloroethane		0.035	0.050	
79-01-6	Trichloroethylene		0.034	0.050	
75-69-4	Trichlorofluoromethane (Freon 11)	0.096	0.059	0.20	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.056	0.20	
95-63-6	1,2,4-Trimethylbenzene	0.025	0.022	0.050	J
108-67-8	1,3,5-Trimethylbenzene		0.026	0.050	
108-05-4	Vinyl Acetate		0.27	0.50	
75-01-4	Vinyl Chloride		0.045	0.050	

NW 3/21/23

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1 - FORM I
ANALYSIS DATA SHEET

OA-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-03	File ID:	G23A037012.D
Sampled:	01/18/23 09:50	Prepared:	02/06/23 00:00	Analyzed:	02/06/23 18:33
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330948	Sequence:	S082984	Calibration:	2200631
				Instrument:	SYSG

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
1330-20-7P/M	m&p-Xylene	0.091	0.056	0.10	J
95-47-6	o-Xylene	0.034	0.026	0.050	J

MW 3/21/23

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1 - FORM I
ANALYSIS DATA SHEET

SV-16-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-04	File ID:	G23A033017.D
Sampled:	01/18/23 10:05	Prepared:	02/02/23 00:00	Analyzed:	02/02/23 23:49
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330682	Sequence:	S082839	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
67-64-1	Acetone	18	1.2	2.0	
107-02-8	Acrolein	0.29	0.25	1.0	J ~~L-03, V-05, J~~
71-43-2	Benzene	0.41	0.038	0.050	
100-44-7	Benzyl chloride		0.044	0.050	
75-27-4	Bromodichloromethane		0.035	0.050	
75-25-2	Bromoform		0.034	0.050	
74-83-9	Bromomethane		0.033	0.050	
106-99-0	1,3-Butadiene		0.042	0.050	UJ ~~L-03~~
78-93-3	2-Butanone (MEK)	1.6	0.53	2.0	J
75-15-0	Carbon Disulfide	0.20	0.046	0.50	J
56-23-5	Carbon Tetrachloride		0.040	0.050	
108-90-7	Chlorobenzene		0.033	0.050	
75-00-3	Chloroethane		0.044	0.050	UJ ~~L-03, V-05~~
67-66-3	Chloroform	0.21	0.048	0.050	
74-87-3	Chloromethane	0.26	0.040	0.10	
110-82-7	Cyclohexane	0.68	0.030	0.050	
124-48-1	Dibromochloromethane		0.033	0.050	
106-93-4	1,2-Dibromoethane (EDB)		0.030	0.050	
95-50-1	1,2-Dichlorobenzene		0.029	0.050	
541-73-1	1,3-Dichlorobenzene		0.028	0.050	
106-46-7	1,4-Dichlorobenzene		0.033	0.050	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.25	0.049	0.050	
75-34-3	1,1-Dichloroethane		0.044	0.050	
107-06-2	1,2-Dichloroethane		0.045	0.050	
75-35-4	1,1-Dichloroethylene		0.038	0.050	
156-59-2	cis-1,2-Dichloroethylene		0.036	0.050	
156-60-5	trans-1,2-Dichloroethylene		0.039	0.050	
78-87-5	1,2-Dichloropropane		0.027	0.050	
10061-01-5	cis-1,3-Dichloropropene		0.026	0.050	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon		0.049	0.050	

MW 3/21/23

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1 - FORM I
ANALYSIS DATA SHEET

SV-16-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-04	File ID:	G23A033017.D
Sampled:	01/18/23 10:05	Prepared:	02/02/23 00:00	Analyzed:	02/02/23 23:49
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330682	Sequence:	S082839	Calibration:	2200631	Instrument:	SYSG

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
123-91-1	1,4-Dioxane		0.042	0.50	
64-17-5	Ethanol	3.8	0.88	2.0 J	~~L-03, V-05~~
141-78-6	Ethyl Acetate		0.25	0.50	
100-41-4	Ethylbenzene	0.86	0.029	0.050	
622-96-8	4-Ethyltoluene	0.29	0.031	0.050	
142-82-5	Heptane	0.28	0.032	0.050	
87-68-3	Hexachlorobutadiene		0.041	0.050	
110-54-3	Hexane	0.56	0.26	2.0	J
591-78-6	2-Hexanone (MBK)	0.14	0.025	0.050	
67-63-0	Isopropanol	3.1	0.34	2.0 J	~~L-03, V-05~~
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.039	0.050	
75-09-2	Methylene Chloride		0.23	0.50	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.086	0.027	0.050	
91-20-3	Naphthalene	0.083	0.038	0.050	
115-07-1	Propene		0.44	2.0	
100-42-5	Styrene	0.083	0.026	0.050	
79-34-5	1,1,2,2-Tetrachloroethane		0.027	0.050	
127-18-4	Tetrachloroethylene	0.11	0.038	0.050	
109-99-9	Tetrahydrofuran		0.082	0.50	
120-82-1	1,2,4-Trichlorobenzene		0.046	0.050	
71-55-6	1,1,1-Trichloroethane		0.039	0.050	
79-00-5	1,1,2-Trichloroethane		0.035	0.050	
79-01-6	Trichloroethylene		0.034	0.050	
75-69-4	Trichlorofluoromethane (Freon 11)	0.27	0.059	0.20	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.097	0.056	0.20	J
95-63-6	1,2,4-Trimethylbenzene	1.2	0.022	0.050	
108-67-8	1,3,5-Trimethylbenzene	0.20	0.026	0.050	
108-05-4	Vinyl Acetate		0.27	0.50	
75-01-4	Vinyl Chloride		0.045	0.050	
1330-20-7P/M	m&p-Xylene	3.7	0.056	0.10	

NW 3/21/23

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1 - FORM I
ANALYSIS DATA SHEET

SV-16-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-04	File ID:	G23A033017.D
Sampled:	01/18/23 10:05	Prepared:	02/02/23 00:00	Analyzed:	02/02/23 23:49
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330682	Sequence:	S082839	Calibration:	2200631
				Instrument:	SYSG

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
95-47-6	o-Xylene	1.2	0.026	0.050	

pw 3/21/23

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1 - FORM I
ANALYSIS DATA SHEET

SV-16-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-04RE1	File ID:	G23A037016.D
Sampled:	01/18/23 10:05	Prepared:	02/06/23 00:00	Analyzed:	02/06/23 21:44
Solids:		Preparation:	TO-15 Prep	Dilution:	60
Initial/Final:	400 mL / 400 mL				
Batch:	B330948	Sequence:	S082984	Calibration:	2200631
				Instrument:	SYSG

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
108-88-3	Toluene	33	1.7	3.0	

pw 3/21/23

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1 - FORM I
ANALYSIS DATA SHEET

SV-15-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-05	File ID:	G23A037013.D
Sampled:	01/18/23 10:07	Prepared:	02/06/23 00:00	Analyzed:	02/06/23 19:23
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330948	Sequence:	S082984	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
67-64-1	Acetone	14	1.2	2.0	
107-02-8	Acrolein		0.25	1.0	UJ L-03
71-43-2	Benzene	0.39	0.038	0.050	
100-44-7	Benzyl chloride		0.044	0.050	
75-27-4	Bromodichloromethane		0.035	0.050	
75-25-2	Bromoform		0.034	0.050	
74-83-9	Bromomethane		0.033	0.050	
106-99-0	1,3-Butadiene		0.042	0.050	
78-93-3	2-Butanone (MEK)		0.53	2.0	
75-15-0	Carbon Disulfide	0.22	0.046	0.50	J
56-23-5	Carbon Tetrachloride		0.040	0.050	
108-90-7	Chlorobenzene		0.033	0.050	
75-00-3	Chloroethane		0.044	0.050	
67-66-3	Chloroform	0.068	0.048	0.050	
74-87-3	Chloromethane	0.20	0.040	0.10	J V-05
110-82-7	Cyclohexane	0.096	0.030	0.050	
124-48-1	Dibromochloromethane		0.033	0.050	
106-93-4	1,2-Dibromoethane (EDB)		0.030	0.050	
95-50-1	1,2-Dichlorobenzene		0.029	0.050	
541-73-1	1,3-Dichlorobenzene		0.028	0.050	
106-46-7	1,4-Dichlorobenzene		0.033	0.050	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.19	0.049	0.050	
75-34-3	1,1-Dichloroethane		0.044	0.050	
107-06-2	1,2-Dichloroethane		0.045	0.050	
75-35-4	1,1-Dichloroethylene		0.038	0.050	
156-59-2	cis-1,2-Dichloroethylene	0.14	0.036	0.050	
156-60-5	trans-1,2-Dichloroethylene		0.039	0.050	
78-87-5	1,2-Dichloropropane		0.027	0.050	
10061-01-5	cis-1,3-Dichloropropene		0.026	0.050	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon		0.049	0.050	

JW 3/21/23

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1 - FORM I
ANALYSIS DATA SHEET

SV-15-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-05	File ID:	G23A037013.D
Sampled:	01/18/23 10:07	Prepared:	02/06/23 00:00	Analyzed:	02/06/23 19:23
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330948	Sequence:	S082984	Calibration:	2200631
				Instrument:	SYSG

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
123-91-1	1,4-Dioxane		0.042	0.50	
64-17-5	Ethanol	8.5	0.88	2.0	J ~~V-05~~
141-78-6	Ethyl Acetate		0.25	0.50	
100-41-4	Ethylbenzene	0.18	0.029	0.050	
622-96-8	4-Ethyltoluene	0.042	0.031	0.050	J
142-82-5	Heptane	0.20	0.032	0.050	
87-68-3	Hexachlorobutadiene		0.041	0.050	
110-54-3	Hexane	0.89	0.26	2.0	J
591-78-6	2-Hexanone (MBK)		0.025	0.050	
67-63-0	Isopropanol	5.2	0.34	2.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.039	0.050	
75-09-2	Methylene Chloride	0.74	0.23	0.50	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.027	0.050	UJ ~~V-05~~
91-20-3	Naphthalene		0.038	0.050	
115-07-1	Propene		0.44	2.0	
100-42-5	Styrene		0.026	0.050	
79-34-5	1,1,2,2-Tetrachloroethane		0.027	0.050	
127-18-4	Tetrachloroethylene		0.038	0.050	
109-99-9	Tetrahydrofuran		0.082	0.50	
108-88-3	Toluene	2.4	0.029	0.050	
120-82-1	1,2,4-Trichlorobenzene		0.046	0.050	
71-55-6	1,1,1-Trichloroethane		0.039	0.050	
79-00-5	1,1,2-Trichloroethane		0.035	0.050	
79-01-6	Trichloroethylene	0.10	0.034	0.050	
75-69-4	Trichlorofluoromethane (Freon 11)	0.17	0.059	0.20	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.056	0.20	
95-63-6	1,2,4-Trimethylbenzene	0.16	0.022	0.050	
108-67-8	1,3,5-Trimethylbenzene	0.034	0.026	0.050	J
108-05-4	Vinyl Acetate		0.27	0.50	
75-01-4	Vinyl Chloride		0.045	0.050	

NW 3/21/23

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1 - FORM I
ANALYSIS DATA SHEET

SV-15-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-05	File ID:	G23A037013.D
Sampled:	01/18/23 10:07	Prepared:	02/06/23 00:00	Analyzed:	02/06/23 19:23
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330948	Sequence:	S082984	Calibration:	2200631
				Instrument:	SYSG

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
1330-20-7P/M	m&p-Xylene	0.75	0.056	0.10	
95-47-6	o-Xylene	0.24	0.026	0.050	

MW 3/21/23

b

1 - FORM I
ANALYSIS DATA SHEET

SV-17-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-06	File ID:	G23A037014.D
Sampled:	01/18/23 10:08	Prepared:	02/06/23 00:00	Analyzed:	02/06/23 20:14
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330948	Sequence:	S082984	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
67-64-1	Acetone	18	1.2	2.0	
107-02-8	Acrolein		0.25	1.0	UJ ~~L-03~~
71-43-2	Benzene	1.1	0.038	0.050	
100-44-7	Benzyl chloride		0.044	0.050	
75-27-4	Bromodichloromethane		0.035	0.050	
75-25-2	Bromoform		0.034	0.050	
74-83-9	Bromomethane		0.033	0.050	
106-99-0	1,3-Butadiene		0.042	0.050	
78-93-3	2-Butanone (MEK)		0.53	2.0	
75-15-0	Carbon Disulfide	0.13	0.046	0.50	J
56-23-5	Carbon Tetrachloride		0.040	0.050	
108-90-7	Chlorobenzene	0.068	0.033	0.050	
75-00-3	Chloroethane	0.051	0.044	0.050	
67-66-3	Chloroform	0.071	0.048	0.050	
74-87-3	Chloromethane		0.040	0.10	UJ ~~V-05~~
110-82-7	Cyclohexane	1.9	0.030	0.050	
124-48-1	Dibromochloromethane		0.033	0.050	
106-93-4	1,2-Dibromoethane (EDB)		0.030	0.050	
95-50-1	1,2-Dichlorobenzene		0.029	0.050	
541-73-1	1,3-Dichlorobenzene		0.028	0.050	
106-46-7	1,4-Dichlorobenzene		0.033	0.050	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.13	0.049	0.050	
75-34-3	1,1-Dichloroethane	0.047	0.044	0.050	J
107-06-2	1,2-Dichloroethane	0.13	0.045	0.050	
75-35-4	1,1-Dichloroethylene		0.038	0.050	
156-59-2	cis-1,2-Dichloroethylene		0.036	0.050	
156-60-5	trans-1,2-Dichloroethylene		0.039	0.050	
78-87-5	1,2-Dichloropropane		0.027	0.050	
10061-01-5	cis-1,3-Dichloropropene		0.026	0.050	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon		0.049	0.050	

MW 3/21/23

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1 - FORM I
ANALYSIS DATA SHEET

SV-17-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-06	File ID:	G23A037014.D
Sampled:	01/18/23 10:08	Prepared:	02/06/23 00:00	Analyzed:	02/06/23 20:14
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330948	Sequence:	S082984	Calibration:	2200631
				Instrument:	SYSG

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
123-91-1	1,4-Dioxane		0.042	0.50	
64-17-5	Ethanol	2.0	0.88	2.0	J ~~V-05, J~~
141-78-6	Ethyl Acetate		0.25	0.50	
100-41-4	Ethylbenzene	0.31	0.029	0.050	
622-96-8	4-Ethyltoluene	0.075	0.031	0.050	
142-82-5	Heptane	6.2	0.032	0.050	
87-68-3	Hexachlorobutadiene		0.041	0.050	
110-54-3	Hexane	18	0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.025	0.050	
67-63-0	Isopropanol	1.4	0.34	2.0	J
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.039	0.050	
75-09-2	Methylene Chloride		0.23	0.50	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.027	0.050	UJ ~~V-05~~
91-20-3	Naphthalene		0.038	0.050	
115-07-1	Propene	1.5	0.44	2.0	J
100-42-5	Styrene	0.047	0.026	0.050	J
79-34-5	1,1,2,2-Tetrachloroethane		0.027	0.050	
127-18-4	Tetrachloroethylene	0.076	0.038	0.050	
109-99-9	Tetrahydrofuran		0.082	0.50	
108-88-3	Toluene	2.2	0.029	0.050	
120-82-1	1,2,4-Trichlorobenzene		0.046	0.050	
71-55-6	1,1,1-Trichloroethane	0.041	0.039	0.050	J
79-00-5	1,1,2-Trichloroethane		0.035	0.050	
79-01-6	Trichloroethylene		0.034	0.050	
75-69-4	Trichlorofluoromethane (Freon 11)	0.13	0.059	0.20	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.061	0.056	0.20	J
95-63-6	1,2,4-Trimethylbenzene	0.25	0.022	0.050	
108-67-8	1,3,5-Trimethylbenzene	0.059	0.026	0.050	
108-05-4	Vinyl Acetate		0.27	0.50	
75-01-4	Vinyl Chloride		0.045	0.050	

MW 3/21/23

b

1 - FORM I
ANALYSIS DATA SHEET

SV-17-1.18.23

Laboratory:	Pace New England			Work Order:	23A2216
Client:	NYDEC_HRP Associates - Clifton F			Project:	473 President Street Off-Site - CO MULTI QN_AI
Matrix:	Air	Laboratory ID:	23A2216-06	File ID:	G23A037014.D
Sampled:	01/18/23 10:08	Prepared:	02/06/23 00:00	Analyzed:	02/06/23 20:14
Solids:		Preparation:	TO-15 Prep	Dilution:	1
Initial/Final:	400 mL / 400 mL				
Batch:	B330948	Sequence:	S082984	Calibration:	2200631
Instrument:	SYSG				

CAS NO.	COMPOUND	CONC. (ppbv)	MDL	RL	Q
1330-20-7P/M	m&p-Xylene	1.2	0.056	0.10	
95-47-6	o-Xylene	0.37	0.026	0.050	

MJ 3/21/23