SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

959 Route 46E, Fl 3, Ste 300
Parsippany, NJ 07054
973.808.9050
www.sesi.org

2026 Periodic Review Report

April 29, 2025 to April 29, 2026

For:

130 Midland Avenue (C360195)

130 Midland Avenue

Port Chester, New York

Prepared for:

130 Midland Ave Owner LLC

SESI Project No:
12365C

Date:
June 2026

Table of Contents

LIST OF ACRONYMS ..... **i**

1.0 INTRODUCTION **1**

1.1 SUMMARY 1

1.2 EFFECTIVENESS OF REMEDIAL PROGRAM 1

1.3 COMPLIANCE 2

1.4 RECOMMENDATIONS AND CONCLUSIONS 3

2.0 SITE OVERVIEW **3**

2.1 SITE LOCATION AND DESCRIPTION 3

2.2 SITE HISTORY 3

2.2.1 REMEDIAL INVESTIGATION (RI) CONDUCTED AT THE SITE 4

2.2.2 DESCRIPTION OF REMEDIAL ACTIONS 6

2.2.3 REMOVAL OF CONTAMINATED MATERIALS FROM THE SITE 7

2.2.4 ON-SITE AND OFF-SITE TREATMENT SYSTEMS 8

2.2.5 DESCRIPTION OF RESIDUAL CONTAMINATION 8

2.2.6 MANAGEMENT OF RESIDUAL CONTAMINATION THROUGH ENGINEERING AND INSTITUTIONAL CONTROLS IN THE ENVIRONMENTAL EASEMENT 10

3.0 REMEDY PERFORMANCE, EFFECTIVENESS, PROTECTIVENESS **10**

3.1 CAP COVER SYSTEM 10

3.2 GROUNDWATER MONITORING 11

3.3 SUB-SLAB SOIL VAPOR SAMPLING AND SVI EVALUATION 12

4.0 IC/EC PLAN COMPLIANCE **12**

4.1 IC/EC REQUIREMENTS AND COMPLIANCE 12

4.2 IC/EC CERTIFICATION 15

5.0 MONITORING PLAN COMPLIANCE **15**

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE **16**

7.0 CONCLUSIONS AND RECOMMENDATIONS **16**

TABLES

TABLE 2.1 SUMMARY OF MATERIALS REMOVED FOR OFF-SITE DISPOSAL
TABLE 2.2 SUMMARY OF EXCEEDANCES IN SOIL
TABLE 3.1 SUMMARY OF GROUNDWATER ANALYTICAL DATA
TABLE 3.2 SUMMARY OF EXCEEDANCES IN GROUNDWATER
TABLE 5.1 MONITORING PROGRAM FREQUENCY

FIGURES

FIGURE 3.1 MONITORING WELL LOCATION PLAN

APPENDICES

APPENDIX A SITE MANAGEMENT PLAN FIGURES
APPENDIX B SITE INSPECTION CHECKLIST
APPENDIX C MONITORING WELL CONSTRUCTION LOGS
APPENDIX D WELL PURGING AND SAMPLING LOGS
APPENDIX E GROUNDWATER ANALYTICAL REPORT
APPENDIX F 2ND SOIL VAPOR INTRUSION MEMO (APRIL 2024)
APPENDIX G NYSDEC – IC & EC CERTIFICATION FORM

LIST OF ACRONYMS

Acronym	Definition
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below ground surface
CCS	Composite Cover System
COC	Contaminant of Concern
CSCO	Commercial Use Soil Cleanup Objectives
ECs	Engineering Controls
EE	Environmental Easement
EWP	Excavation Workplan
HES	Hydro Environmental Solutions
ICs	Institutional Controls
IRM	Interim Remedial Measure
MCL	Maximum Contaminant Level
MW	Monitoring Well
NYSDEC	New York State Department of Environmental Conservation
PFAS	Per and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PHC	Petroleum Hydrocarbons
PRR	Periodic Review Report
SESI	SESI Consulting Engineers, PC
SMP	Site Management Plan
SVOCs	Semi-Volatile Organic Compounds
SSDS	Sub-Slab Depressurization System
TCE	Trichloroethene
TOGS	Technical and Operations Guidance Series
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objectives
VOCs	Volatile Organic Compounds

1.0 INTRODUCTION

1.1 SUMMARY

This is the Periodic Review Report (PRR) for the period April 29, 2025, to April 29, 2026. The PRR is required as an element of the remedial program at the 130 Midland Avenue property (hereinafter referred to as the "Site" or "Subject Property") under the New York State Brownfield Cleanup Program (BCP) administered by New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index # C360195-09-20, Site No. C360195, which was executed on December 22, 2020. The Site area is 6.192-acres. Engineering Controls (ECs) have been constructed on the Site to prevent exposure to the remaining residual contamination during Site use. An Environmental Easement (EE) granted to the NYSDEC, and recorded with the Westchester County Clerk, requires compliance with the Site Management Plan (SMP) dated December 2023 and all ECs and Institutional Controls (ICs) placed on the Site. The ICs place restrictions on Site use and mandate operation, maintenance, monitoring and reporting measures for all ECs and ICs. A Site Location Map is provided in Figure 1.1 of **Appendix A**. All SMP figures are included in **Appendix A** of this report.

The Site contains a newly constructed 76,000-square-foot commercial building, associated parking areas, access roadways, and landscaped areas. The building is currently occupied by Floor & Décor, a large retail warehouse store.

This PRR reports the required inspection and monitoring activities that were conducted during the current reporting period. The inspection and monitoring were conducted to ensure compliance with all ECs and ICs required by the EE and as stated in the SMP as approved by the NYSDEC.

1.2 EFFECTIVENESS OF REMEDIAL PROGRAM

Residual contamination remains on the Site, which has been managed according to the requirements of the SMP to keep the Site safe for commercial and restricted residential uses.

The composite cover system (CCS) (described in **Section 2.2.2**) was inspected on November 19, 2025, and remains intact on the Site. The cover system has been, and should continue to be, effective in preventing public exposure to the residual contamination.

The monitoring wells MW-2, MW-3, and MW-4 were installed between May 14 and May 22, 2024. The annual sampling of the monitoring well network to determine the effectiveness of the natural degradation of the residual contaminants of concern was conducted on November 19, 2025. Based upon groundwater sampling as presented in **Section 3.2**, perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were detected at concentrations exceeding the Ambient Water Quality Standards (AWQS).

The soil vapor intrusion sampling and evaluations conducted in 2023 and 2024 have confirmed that volatile organic compound (VOC) concentrations are within the “No Further Action” category on the New York State Department of Health (NYSDOH) Decision Matrices (May 2017 and February 2024). Therefore, no further vapor intrusion sampling at the Floor and Décor building is needed.

The monitoring plan, as required in the SMP, is effective and protective of human health and the environment.

1.3 COMPLIANCE

SESI completed a Site inspection on November 19, 2025, to verify the integrity of the ECs in accordance with the Inspection Checklist that is included in **Appendix B**.

Groundwater monitoring wells MW-2, MW-3, and MW-4 were sampled on November 19, 2025, and analyzed for VOCs and per and polyfluoroalkyl substances (PFAS) in accordance with the monitoring program in the SMP.

In order to confirm that soil vapor intrusion is not a concern, sub-slab vapor and indoor air sampling was conducted on March 28, 2024. As presented in **Section 3.3**, VOC

detections were below the NYSDOH Decision Matrices, confirming no SVI condition beneath the Floor and Décor building.

1.4 RECOMMENDATIONS AND CONCLUSIONS

SESI has verified that the ECs and ICs developed for the Site are in compliance with the SMP. We recommend the following for the next reporting period:

- Cover System: Continued annual visual inspection of the cover system.
- Groundwater Monitoring: Continued annual groundwater monitoring.
- Soil Vapor Monitoring: Discontinue soil vapor intrusion sampling beneath the Floor and Décor building. The sampling was conducted in 2023 and 2024 confirming that VOC concentrations are within the "No Further Action" category on the NYSDOH Decision Matrices (May 2017 and February 2024).

2.0 SITE OVERVIEW

2.1 SITE LOCATION AND DESCRIPTION

The Site is located in Port Chester, Westchester County, New York and is identified as Section 142.53, Block 1 and Lot 5 on the Port Chester Tax Map (see SMP Figure 2.1 in **Appendix A**). The Site is an approximately 6.192-acre area and is bounded by a commercial development to the north and south, Midland Avenue to the east, beyond which are commercial shops and residences, and railroad tracks to the west, beyond which is a commercial strip mall. The boundaries of the Site are shown on SMP Figure 1.2.

The Site is zoned CD-4 (General Urban Character District). The Site contains a newly constructed 76,000-square-foot commercial building, associated parking areas, access roadways, and landscaped areas. The building is currently occupied by Floor & Décor, a large retail warehouse store.

2.2 SITE HISTORY

Historic uses of the Subject Property include railroad car repair and painting from at least 1908 until at least 1942; bus repair and storage from at least 1934 until at least 1942; and nut and bolt manufacturing from at least 1950s until at least 1971. Two (2) railroad spurs were present on the Subject Property from approximately 1919 to 1934. The spurs ran into the Subject Property from the northwest corner to the central portion of the

property near the former buildings. In 1919 historical maps indicate these tracks connected to a coal pile at the west side of the former building. Local street directories and municipal records document that the tenant space identified as 130 Midland Avenue was occupied by a dry cleaner from 1983 until December 2018. Complete Site history can be found in the following documents.

- Phase I Investigation Report, dated May 2019, prepared by PM Environmental.
- Phase II Environmental Site Assessment, dated April 2029, prepared by PM Environmental.
- Subsurface Investigation Report, dated March 2020, prepared by Hydro Environmental Solutions (HES).

2.2.1 REMEDIAL INVESTIGATION (RI) CONDUCTED AT THE SITE

Remedial Investigation activities at the Site were conducted partially by HES and partially by SESI.

The HES RI activities included the following:

- Collection of a total of 43 soil samples from soil borings;
- Installation and sampling one (1) temporary groundwater well-point;
- Sampling of eight (8) overburden groundwater monitoring wells, now closed;
- Installation and sampling of nine (9) soil vapor points.

The SESI RI activities included the following:

- Installation and sampling of seven (7) soil-bedrock interface groundwater monitoring wells;
- Collection of seven (7) soil samples at the soil-bedrock interface during the bedrock monitoring well installations;
- Installation and sampling of three (3) bedrock monitoring wells with NYSDEC oversight.

Soil

Results of the historic RI soil sampling identified metals and polyaromatic hydrocarbons (PAHs) on the Site at concentrations exceeding the Commercial Use Soil Cleanup Objectives (CSCOs) to 9 feet below ground surface (ft-bgs). Select VOCs (n-propylbenzene, 1,2,4-trimethylbenzene, acetone, and total xylenes), select pesticides

(4,4'-DDT), and total polychlorinated biphenyls (PCBs) have been intermittently detected throughout the Site above the most restrictive Unrestricted Use Soil Cleanup Objectives (UUSCOs), but well below the applicable CSCOs. These exceedances are likely derived from the presence of historic fill.

Groundwater

Results of the historic RI groundwater sampling identified petroleum hydrocarbons (PHCs) at concentrations exceeding the Ambient Water Quality Standards (AWQS) in overburden monitoring well MW-2. However, a ground penetrating radar survey confirmed no existing underground storage tanks (USTs), thereby ruling out an abandoned UST as a continuing source for the PHC compounds in MW-2. Semi-volatile organic compounds (SVOCs) above AWQS were detected in one (1) overburden monitoring well located at the upgradient property boundary. PFOS and PFOA were detected at concentrations above the 10 ng/L Maximum Contaminant Level (MCL) in monitoring wells MW-1, MW-3, and MW-4. PFOA was detected at a concentration marginally above the 10 ng/L MCL in MW-6. PFOA and PFOS are ubiquitous substances and are not indicative of an ongoing source of contamination.

Initial sampling of the seven (7) soil-bedrock interface monitoring wells located beneath and adjacent to the previous building revealed PHC compounds including ethylbenzene, toluene, xylenes, and 1,2,4-trimethylbenzene, which were initially attributed to 100 years of commercial and industrial usage of the surrounding area; subsequently, two (2) of these soil-bedrock interface monitoring wells were sampled a second time, revealing no VOCs above the AWQS. Therefore, the PHC compounds initially detected in the soil-bedrock interface groundwater are not expected to be attributable to an on-Site discharge or other Site-specific condition.

The additional three (3) bedrock monitoring wells located beneath and downgradient/down-dip of the previous building did not reveal VOCs at concentrations above the AWQS.

Groundwater exists in the soil overburden, the soil-bedrock interface, and the upper bedrock. During the RI, these three (3) saturated media were evaluated separately

because there was a concern that constituents with a density greater than water could have been present, and thus the three (3) media could have been impacted differently; however, this was not the case. Going forward, the groundwater in all three (3) media should be considered a single interconnected groundwater system, with the only difference in the three (3) media being the flow velocity due to differences in hydraulic conductivity. The Site groundwater has a flow gradient to the east-southeast.

Soil Vapor

Results of the RI soil vapor sampling identified tetrachloroethene (PCE) and trichloroethene (TCE) in excess of the NYSDOH Decision Matrices threshold values in sub-slab vapor (1,190 – 7,970 ug/m^3 for PCE and 41.8 – 98.9 ug/m^3 for TCE) and indoor air (295 ug/m^3 for PCE and 0.995 ug/m^3 for TCE) beneath a portion of the former building which housed the dry cleaner during a pre-BCP investigation. In addition, soil vapor sampling conducted in the parking lot outside of the building footprint detected various VOCs at lower concentrations below the NYSDOH threshold values.

2.2.2 DESCRIPTION OF REMEDIAL ACTIONS

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved RAWP for the 130 Midland BCP Site dated April 2023 and the Decision Document dated June 29, 2023. The following is a summary of the Remedial Actions performed at the Site:

Interim Remedial Measures (IRMs):

- Demolition of existing Site building including asbestos abatement and removal of all demolition debris from the Site.
- Excavation and off-Site disposal of the upper 4-feet of soil from beneath the proposed footprint of the 76,000+ square foot (200+ feet x 380+ feet) rectangular shaped building (16,315 tons).

Remedial Action:

- Excavation and off-Site disposal of contaminated soil from utility excavation areas down to depths ranging from 3 to 9 ft-bgs (11,411.96 tons).
- Approximately 250,000 gallons of groundwater and/or stormwater were removed,

treated, and discharged from the Site throughout the duration of the Remedial Action for dewatering purposes. This dewatering effort was required while removing the contaminated soil since groundwater was found at depths as shallow as 7.5 ft-bgs during earlier investigations.

- Installation of a Site-wide composite cap consisting of asphalt pavement, sidewalks, building foundation, and limited landscaped areas as an EC.
- Installation of sub-slab ventilation piping and a vapor-sealing membrane underneath the newly constructed Site building and conduct a vapor evaluation in the newly constructed building to determine if an engineering control for the vapor intrusion is required. It was determined that the sub-slab depressurization system (SSDS) does not need to be active and therefore will not function as an EC based on the results of the soil vapor evaluation conducted for the building.

The long-term components of the remedy will include periodic inspections of the Site-wide cap and monitored natural attenuation of groundwater.

2.2.3 REMOVAL OF CONTAMINATED MATERIALS FROM THE SITE

As part of the IRM and Remedial Action, various contaminated materials were removed and disposed off-Site. The materials removed from the Site and their quantities are listed in **Table 2.1** below.

Table 2.1 – SUMMARY OF MATERIALS REMOVED FOR OFF-SITE DISPOSAL

Date	Area	Description	Facility	Quantity
11/10/2022 to 12/20/2022	IRM Excavation Area	Excavated Soil	Bayshore Soil Management – Keasbey, NJ	16,315.15 Tons
12/1/2022 to 12/19/2022	IRM Excavation Area	Asphalt	Thalle Industries – Elmsford, NY	66 CY
10/27/2022 to 11/28/2022	IRM Excavation Area	Concrete	Thalle Industries – Elmsford, NY	762 CY
8/5/2022 to 10/5/2022	IRM Excavation Area	Asbestos-Containing Materials	Waste Management Fairless Hills Landfill – Morrisville, PA	791 CY
12/19/2022	IRM Excavation Area	Boulders	Metro Green – Mount Vernon, NY	78 CY

Date	Area	Description	Facility	Quantity
2/3/2023 to 10/31/2023	Utility Excavation Areas	Excavated Soil (contaminated)	Bayshore Soil Management – Keasbey, NJ	10,940.38 Tons
2/3/2023 to 10/31/2023	Utility Excavation Areas	Excavated Soil (uncontaminated)	Bayshore Soil Management – Keasbey, NJ	5,638 Tons
8/9/2023 to 8/19/2023	Utility Excavation Areas	Excavated Soil (contaminated)	Atlantic County Utilities Authority	471.58 Tons
2/6/2022 to 2/8/2022	Utility Excavation Area	Storm Water	Clear Flo Technologies – Lindenhurst, NY	28,000 Gallons
2/10/2022 to 10/10/2022	Utility Excavation Areas	Groundwater and Stormwater	Storm Sewer (via onsite treatment system)	250,000 Gallons (Est)

2.2.4 ON-SITE AND OFF-SITE TREATMENT SYSTEMS

No long-term treatment systems were required to be installed as part of the Site remedy.

2.2.5 DESCRIPTION OF RESIDUAL CONTAMINATION

Soil

The Site has achieved a Track 4 remedy across the Site. Soils were excavated down to approximately 4 ft-bgs beneath the footprint of the redeveloped building. Eighteen (18) documentation end-point samples were collected at a minimum frequency of 1 per 5,000 ft^2 in each grid in accordance with Interim Remedial Measures Work Plan and analyzed for Target Compound List/Target Analyte List +30 and PFAS. End-point documentation samples identified CSCOs exceedances of benzo(a)pyrene in nine (9) samples, barium in two (2) samples, cadmium in one (1) sample, and PCBs in one (1) sample. As a result, contamination remains from approximately 4 to 9 ft-bgs. **Table 2.2** below provides a summary of CSCO exceedances.

Table 2.2 – SUMMARY OF EXCEEDANCES IN SOIL

Client Sample ID:	NYSDEC CSCO	DS-3	DS-4	DS-6	DS-7	DS-8	DS-9	DS-12	DS-16	DS-17	DS-18
Date Sampled:		11/18/2022	11/18/2022	11/18/2022	11/28/2022	11/18/2022	11/18/2022	11/28/2022	11/29/2022	11/29/2022	11/28/2022
Analyte (mg/kg)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(a)pyrene	1	**1.21**	**2.4**	**2.93**	**1.25**	**1.91**	**1.39**	**1.67**	**1.82**	**3.13**	0.75
Barium	400	**501**	309	**609**	276	178	237	223	229	351	89.1
Cadmium	9.3	**13.6** [j]	ND (2.2) [j]	ND (2.8) [j]	1.6 [j]	8.0 [j]	5.7 [j]	4.7 [j]	ND (3.0) [j]	ND (2.9) [j]	2.4
Aroclor 1254	1	0.127	0.304	0.168	0.291 [g]	0.143	0.0364 J	0.259 [g]	0.0442	0.15	**4.12** [g]

SMP Figure 2.3 in **Appendix A** summarizes the results of all soil samples collected that exceed the UUSCOs and the CSCOs at the Site after completion of the remedial action.

Groundwater

Eight (8) overburden monitoring wells were installed and sampled during the RI, and PHC compounds were detected above the AWQS in one monitoring well (MW-2). SVOCs above AWQS were detected in one (1) overburden monitoring well located at the upgradient property boundary. PFOS and PFOA were detected at concentrations above the 10 ng/L MCL in monitoring wells MW-1, MW-3, and MW-4. PFOA was detected at a concentration marginally above the 10 ng/L MCL in MW-6. PFOA and PFOS are ubiquitous substances and are not indicative of an ongoing source of contamination. SMP Figure 2.4 in **Appendix A** shows the results of all overburden groundwater samples that exceed the SCGs.

Groundwater samples collected from seven (7) bedrock interface monitoring wells installed during the next phase of the RI located beneath and adjacent to the existing building identified PHC related compounds including ethylbenzene, toluene, xylenes, and 1,2,4-trimethylbenzene. Subsequent sampling conducted in two (2) bedrock interface monitoring wells did not identify PHC VOCs above the AWQS. An additional three (3) bedrock monitoring wells located beneath and downgradient/down-dip of the existing building did not identify any VOCs at concentrations above the AWQS.

Soil Vapor

A soil vapor evaluation was conducted on the newly constructed Site building on October 19, 2023. The evaluation was conducted in accordance with the Soil Vapor Intrusion Evaluation Work Plan, prepared by SESI and dated September 11, 2023, and approved by NYSDEC and NYSDOH on October 13, 2023. The purpose of the evaluation was to assess the potential for soil vapor intrusion and the effectiveness of the SSDS, which was installed beneath the new building on the Site as required by the Decision Document.

A comparison of the October 2023 sub-slab vapor and indoor air results compared to the NYSDOH Decision Matrices for the eight (8) regulated compounds indicated that no

further action is recommended to address human health exposures. Based on these findings, no further action is required to address soil vapor intrusion into the on-Site building, and the SSDS piping that has been installed is functioning as intended and will not require active ventilation at this time. In accordance with the SMP, one additional round of sub-slab and indoor air sampling was required to be conducted during the heating season in 2024 to confirm the results. As discussed in **Section 3.3** below, the results of the second vapor sampling event confirmed that no further action with regard to soil vapor intrusion is needed.

2.2.6 MANAGEMENT OF RESIDUAL CONTAMINATION THROUGH ENGINEERING AND INSTITUTIONAL CONTROLS IN THE ENVIRONMENTAL EASEMENT

A series of IC/ECs is required by the Decision Document to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination; and (3) limit the use and development of the Site to commercial or industrial uses only. Adherence to these ICs on the Site is required by the Environmental Easement and implemented under the SMP. These ICs and ECs are more fully described in **Section 4.0**.

3.0 REMEDY PERFORMANCE, EFFECTIVENESS, PROTECTIVENESS

The goal of the SMP is to manage the residual contamination at the Site through implementation of ICs and ECs. At present, SESI is conducting monitoring/inspection of the ICs and ECs on the Site in accordance with the SMP dated December 2023. The overall Site remedy was designed to ensure that there is no exposure pathway of residual soil contamination that remains on Site beneath the cap cover system and to monitor groundwater for residual contamination.

3.1 CAP COVER SYSTEM

The CCS (described in **Section 2.2.2**) was inspected on November 19, 2025, and remains intact on the Site. The cover system has been, and should continue to be, effective in preventing public exposure to the residual contamination.

3.2 GROUNDWATER MONITORING

In order to monitor the effectiveness of the contaminant removal and the Site natural attenuation, an on-Site monitoring well network (MW-2, MW-3, and MW-4) was sampled on November 19, 2025. The monitoring well locations are depicted in SMP Figure 1.3, presented in **Appendix A**.

The monitoring well network for monitoring wells MW-2, MW-3, and MW-4 were installed between May 14 and May 22, 2024. The monitoring well construction logs are provided in **Appendix C**. The monitoring well network was sampled on November 19, 2025. Prior to sampling, the wells were purged and sampled in accordance with USEPA low flow sampling procedures. The purge water was piped to a "flow cell," where groundwater parameters including pH, redox potential, specific conductance, dissolved oxygen, salinity, and turbidity were measured. The monitoring well purge data is provided in **Appendix D**. **Table 3.1** at the back end of this report provides the groundwater monitoring results of the November 19, 2025, sampling event. **Figure 3.1** shows the monitoring well location plan. The laboratory analytical data packages are provided in **Appendix E**.

Table 3.2 below presents a summary of AWQS exceedances in the groundwater. PFOA was detected in monitoring wells MW-2, MW-3, and MW-4 at concentrations of 0.0258 ug/L, 0.0368 ug/L, and ug/L respectively exceeding the NYSDEC TOGS guidance value of 0.0067 ug/L. In addition, PFOS was detected in monitoring wells MW-2, MW-3, and MW-4 at concentrations of 0.0103 ug/L, 0.0172 ug/L, and 0.011 ug/L, respectively exceeding the NYSDEC TOGS guidance value of 0.0027 ug/L.

Table 3.2: SUMMARY OF EXCEEDANCES IN GROUNDWATER

LOCATION		MW-2		MW-3		MW-4	
SAMPLING DATE		11/19/2025		11/19/2025		11/19/2025	
LAB SAMPLE ID		JE23731-1A		JE23731-2A		JE23731-3A	
SAMPLE TYPE	ug/l	WATER		WATER		WATER	
	NY-AWQS	Results	Q	Results	Q	Results	Q
Perfluorinated Alkyl Acids by EPA 1633							
Perfluorooctanesulfonic Acid (PFOS)	0.0067	0.0103		0.0172		0.011	
Perfluorooctanoic Acid (PFOA)	0.0027	0.0258		0.0368		0.0229	

Notes:
ug/L = Micrograms per Liter
Highlighted = Concentration Exceeds the TOGS GA Effluent Limitations

3.3 SUB-SLAB SOIL VAPOR SAMPLING AND SVI EVALUATION

SESI completed a second soil vapor evaluation at the Site in March 2024 in accordance with the approved Soil Vapor Intrusion Evaluation Workplan and SMP. The purpose of the evaluation was to make a final determination if an active SSDS will be required with a blower, or if the system continues to function adequately as a passive system. The previous evaluation conducted in October 2023 indicated no exceedances of the NYSDOH "Soil Vapor/Indoor Air Decision Matrices", dated May 2017, and no requirement for an active SSDS for the on-Site building.

Sub-slab vapor samples with co-located indoor air samples were collected on March 28, 2024, as well as one ambient/outdoor air sample. The soil vapor evaluation sample location plan is illustrated on the figure presented in **Appendix F**. Sub-slab vapor samples were collected from pre-installed sub-slab vapor probes from polyethylene tubing leading from the probes to sub-slab sensor monitoring stations located in the rear of the building.

The results were compared to the NYSDOH "Soil Vapor/Indoor Air Decision Matrices," dated February 2024. Based on the evaluation of all regulated compounds to the Decision Matrices, no further action is required with respect to soil vapor intrusion at the Site. Therefore, an active SSDS is not required for the on-Site building. The results of the second soil vapor intrusion evaluation were presented to NYSDEC in a memo prepared by SESI to NYSDEC dated April 25, 2024, presented as **Appendix F**.

4.0 IC/EC PLAN COMPLIANCE

4.1 IC/EC REQUIREMENTS AND COMPLIANCE

INSTITUTIONAL CONTROLS

A series of IC/ECs is required by the Decision Document to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination; and (3) limit the use and development of the Site to commercial or industrial uses only. Adherence to these ICs on the Site is required by the Environmental Easement and implemented under the SMP. ICs identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the

Environmental Easement. The IC boundaries are shown on SMP Figure 1.2 in **Appendix A**. These ICs are:

- The property may only be used for: commercial and industrial use;
- All ECs must be operated and maintained as specified in this SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Westchester County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
- Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on SMP Figure 1.2 in **Appendix A**, and any potential impacts that are identified must be monitored or mitigated;
- Vegetable gardens and farming on the Site are prohibited; and
- An evaluation shall be performed to determine the need for further investigation and remediation should large scale redevelopment occur, if any of the existing structures are demolished, or if the subsurface is otherwise made accessible.

ENGINEERING CONTROLS

CAP COVER

Exposure to remaining contamination at the Site is prevented by a cover system placed over the Site. This cover system is composed of a minimum of 12 inches of clean soil/fill meeting CSCOs in the western portion of the Site, concrete building slabs, concrete covered sidewalks, and asphalt pavement as appropriate. SMP Figure 3.1 in **Appendix A** presents the location of the cover system and SMP Figure 3.2 in **Appendix A** details the applicable demarcation layers. The Excavation Workplan (EWP) provided in Appendix D of the SMP outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in Section 4.0 of this SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and associated Community Air Monitoring Plan (CAMP) prepared for the Site and provided in Appendix E of the SMP. Any breach of the Site's cover system must be overseen by a Professional Engineer (PE) who is licensed and registered in New York State or a qualified person who directly reports to a PE who is licensed and registered in New York State.

GROUNDWATER MONITORING

Groundwater monitoring activities to assess natural attenuation will continue, as determined by the NYSDEC project manager in consultation with NYSDOH project manager, until residual groundwater concentrations are found to be consistently below the AWQS, the Site SCGs, or have become asymptotic at an acceptable level over an extended period. In the event that monitoring data indicates that monitoring for natural attenuation may no longer be required, a proposal to discontinue the monitoring will be submitted by the remedial party. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC project manager. If groundwater contaminant levels become asymptotic at a level that is not acceptable to the NYSDEC, additional source removal, treatment and/or control measures will be evaluated.

4.2 IC/EC CERTIFICATION

The NYSDEC Institutional and Engineering Controls Certification Form has been completed and is included in **Appendix G**.

5.0 MONITORING PLAN COMPLIANCE

Table 5.1 – MONITORING PROGRAM FREQUENCY

Monitoring Program	Frequency*	Matrix	Analysis
Cover System	Annually	Soil	Visual
Groundwater	Annually	Water	VOCs, PFAS

Monitoring Completed During Current Reporting Period

Inspection of the composite cover system was conducted on November 19, 2025. Monitoring wells MW-2, MW-3, and MW-4 were sampled on November 19, 2025.

Comparison with Remedial Objectives

The remedial objectives for the composite cover system are being met. The cover system continues to be protective of human health and the environment for the intended restricted residential use of the property.

The cover system has been, and should continue to be, effective in preventing public exposure to the residual contamination left on Site beneath the cover system. The composite cover system inspection form is included with the Site Inspection Forms denoted as **Appendix B**.

During the annual monitoring well sampling event conducted on November 19, 2025, PFOA was detected in monitoring wells MW-2, MW-3, and MW-4 at concentrations of 0.0258 ug/L, 0.0368 ug/L, and ug/L respectively exceeding the NYSDEC TOGS guidance value of 0.0067 ug/L. In addition, PFOS was detected in monitoring wells MW-2, MW-3, and MW-4 at concentrations of 0.0103 ug/L, 0.0172 ug/L, and 0.011 ug/L, respectively, exceeding the NYSDEC TOGS guidance value of 0.0027 ug/L.

The soil vapor intrusion sampling and evaluations conducted in 2023 and 2024 have confirmed that VOC concentrations are within the "No Further Action" category on the NYSDOH Decision Matrices (May 2017 and February 2024). Therefore, no further vapor intrusion sampling at the Floor and Décor building is needed.

Monitoring Deficiencies

All aspects of the monitoring plan were in accordance with NYSDEC applicable regulations.

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE

The Site remedy does not rely on any mechanical systems, such as sub-slab depressurization systems or air sparge/soil vapor extraction systems, to protect public health and the environment. Therefore, the operation and maintenance of such components is not applicable.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Compliance with the SMP

All aspects of the SMP, including IC/EC and monitoring, have met the requirements. O&M is not required at this time for the Site.

There are no new exposure pathways resulting in an unacceptable risk.

Performance and Effectiveness of the Remedy

The cover system has been, and should continue to be, effective in preventing public exposure to the residual contamination left on Site beneath the cover system.

The sampling of the monitoring well network confirms the effectiveness of the naturally degradation of contaminants of concern (COCs) in groundwater.

The proposed periodic monitoring plan for the cover system and groundwater is effective and protective of the previously approved overall Site remedy.

Future PRR Submittals

SESI does not recommend any changes to the frequency of the PRR submittal at this time because ICs and ECs remain in-place and are effective. The next PRR will be submitted in May 2027.

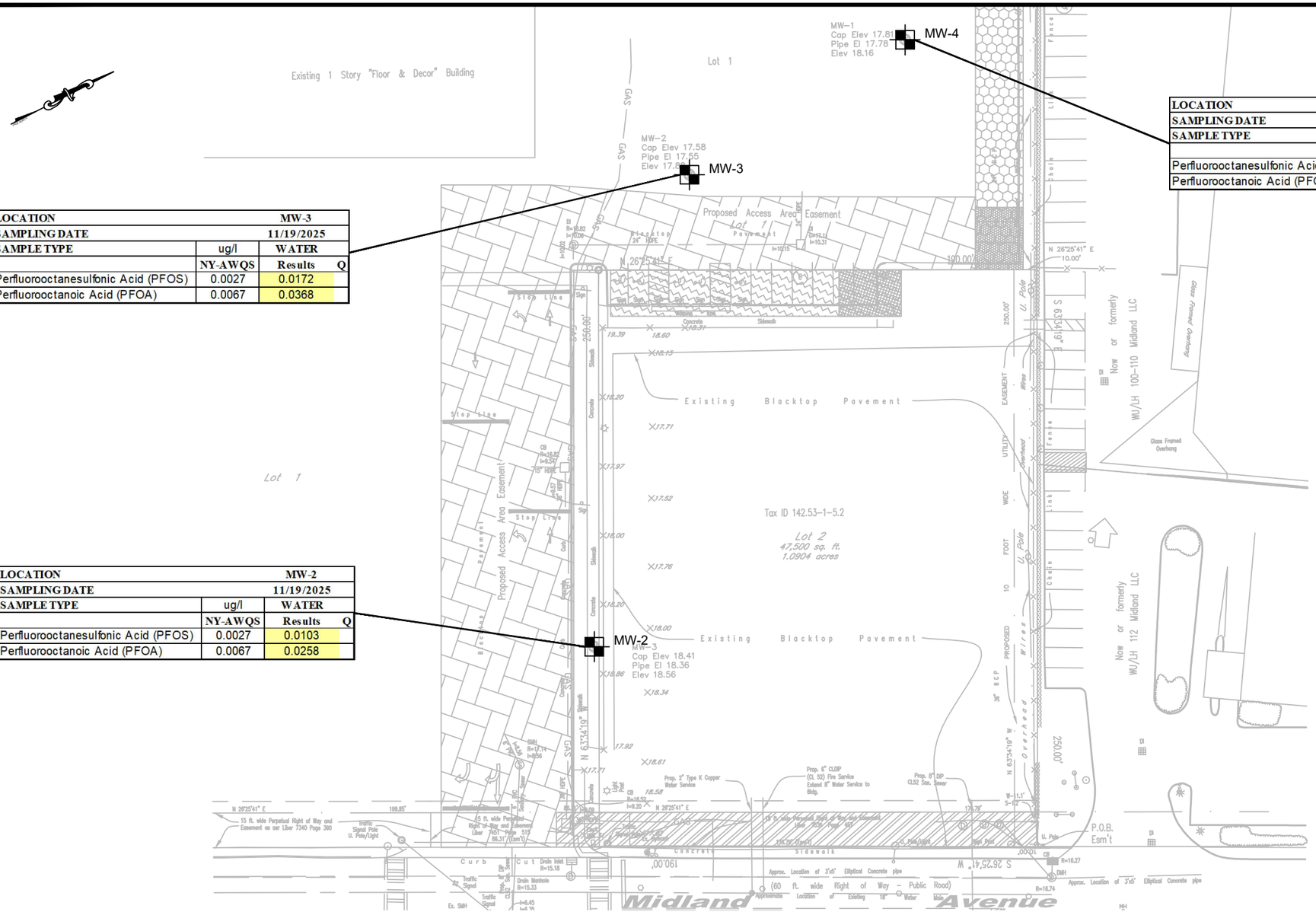
Conclusions and Recommendations

All aspects of the remedial program appear to be meeting the Site remedy design goal.

We recommend the following for the next reporting period:

- Cover System: Continued annual visual inspection of the cover system.
- Groundwater Monitoring: Continued annual groundwater monitoring.
- Soil Vapor Monitoring: Discontinue soil vapor intrusion sampling beneath the Floor and Décor building. The sampling was conducted in 2023 and 2024 confirming that VOC concentrations are within the “No Further Action” category on the NYSDOH Decision Matrices (May 2017 and February 2024).

Figures



LOCATION		MW-4	
SAMPLING DATE		11/19/2025	
SAMPLE TYPE	ug/l	WATER	
	NY-AWQS	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.011	
Perfluorooctanoic Acid (PFOA)	0.0067	0.0229	

LOCATION		MW-3	
SAMPLING DATE		11/19/2025	
SAMPLE TYPE	ug/l	WATER	
	NY-AWQS	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.0172	
Perfluorooctanoic Acid (PFOA)	0.0067	0.0368	

LOCATION		MW-2	
SAMPLING DATE		11/19/2025	
SAMPLE TYPE	ug/l	WATER	
	NY-AWQS	Results	Q
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.0103	
Perfluorooctanoic Acid (PFOA)	0.0067	0.0258	

NOTE:
THIS PLAN IS FOR LOCATING MONITORING WELLS ONLY.
OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS 2026
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS

LEGEND:

MW-2 - MONITORING WELL NUMBER & APPROX. LOCATION

REFERENCE

1. EXISTING CONDITIONS & BOUNDARY ARE TAKEN FROM "SURVEY OF PROPERTY" PREPARED BY WARDCARPENTERENGINEERS, INC. DATED JULY 31, 2025.

SCALE: 1"=50'
0 50 100

dwg by: AW
chk by: SG
scale: AS NOTED
date: 06/15/2026

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

project: (BCP C360195)
130 MIDLAND AVENUE
VILLAGE OF PORT CHESTER
WESTCHESTER COUNTY, NY

title: MONITORING WELL LOCATION PLAN

job no: 12365C
drawing no: FIG-3.1

N:\ACAD\12365C\CAD\GEOTECH\LOCATION PLANS\12365C.DWG,MW LOCATION PLAN.DWG 06/15/26 08:21:12AM, alan.ward, LAYOUT:DATA 6-26

Tables

Table 3.1 - Summary of Groundwater Analytical Data
BCP C360195
130 Midland Avenue
Village of Port Chester, Westchester County, NY

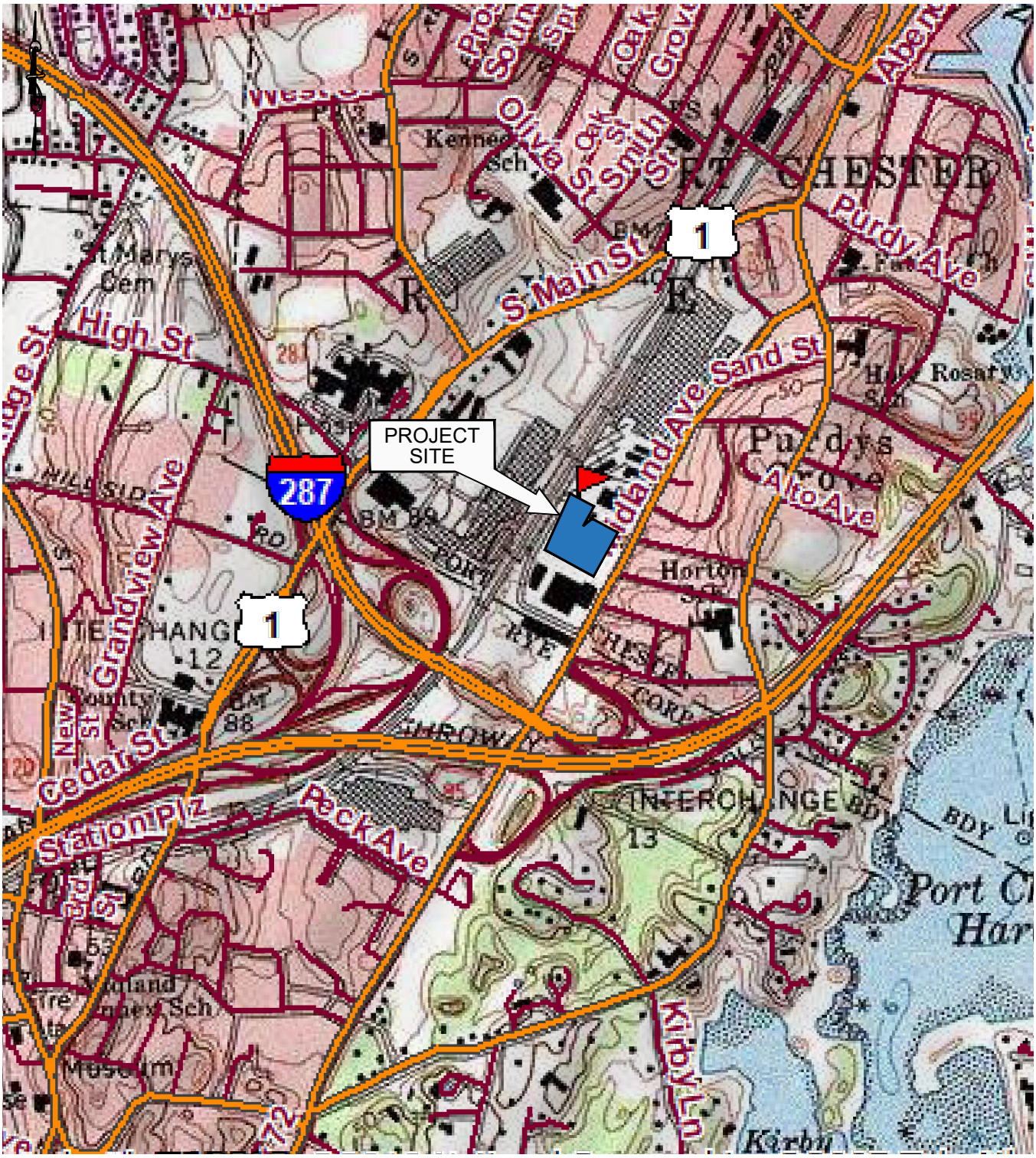
LOCATION				MW-2		MW-2		MW-3		MW-3		MW-4		MW-4		DUP		DUP		FB 2025.11.19		FB 2025.11.19	
SAMPLING DATE				11/19/2025		11/19/2025		11/19/2025		11/19/2025		11/19/2025		11/19/2025		11/19/2025		11/19/2025		11/19/2025		11/19/2025	
LAB SAMPLE ID				JE23732-1		JE23732-1A		JE23732-2		JE23732-2A		JE23732-3		JE23732-3A		JE23732-4		JE23732-4A		JE23732-5		JE23732-5A	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)																							
	CasNum	Units	NY-AWQS	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633																							
Perfluorobutanesulfonic acid	375-73-5	ug/l				0.0094				0.0066				0.0023				0.0044				0.00072	U
Perfluorobutanoic acid	375-22-4	ug/l				0.016				0.0255				0.0114				0.0176				0.001	U
Perfluorodecanesulfonic acid	335-77-3	ug/l				0.0011	U			0.0012	U			0.0012	U			0.0012	U			0.0012	U
Perfluorodecanoic acid	335-76-2	ug/l				0.00066	J			0.00066	U			0.00066	U			0.00067	U			0.00068	U
Perfluorododecanoic acid	307-55-1	ug/l				0.00081	U			0.00082	U			0.00082	U			0.00083	U			0.00084	U
Perfluoroheptanesulfonic acid	375-92-8	ug/l				0.001	U			0.0013	J			0.001	U			0.0011	U			0.0011	U
Perfluoroheptanoic acid	375-85-9	ug/l				0.0091				0.0114				0.0103				0.0099				0.00055	U
Perfluorohexanesulfonic acid	355-46-4	ug/l				0.0039				0.0081				0.0056				0.0079				0.0012	U
Perfluorohexanoic acid	307-24-4	ug/l				0.0159				0.0358				0.0155				0.0265				0.00032	U
Perfluorononanoic acid	375-95-1	ug/l				0.0025				0.0012	J			0.0018	J			0.0013	J			0.00044	U
Perfluorooctanesulfonic acid	1763-23-1	ug/l	0.0027			0.0103				0.0172				0.0111				0.0136				0.00047	U
Perfluorooctanoic acid	335-67-1	ug/l	0.0067			0.0258				0.0368				0.0229				0.0293				0.00082	U
Perfluoropentanoic acid	2706-90-3	ug/l				0.0186				0.0277				0.025				0.0211				0.0008	U
Perfluorotetradecanoic acid	376-06-7	ug/l				0.0008	U			0.00081	U			0.00081	U			0.00082	U			0.00083	U
Perfluorotridecanoic acid	72629-94-8	ug/l				0.00083	U			0.00084	U			0.00084	U			0.00085	U			0.00086	U
Perfluoroundecanoic acid	2058-94-8	ug/l				0.00058	U			0.00059	U			0.00059	U			0.00059	U			0.0006	U
PFOSA	754-91-6	ug/l				0.00072	U			0.00073	U			0.00074	U			0.00074	U			0.00075	U
Volatile Organics by GC/MS																							
1,1,1-Trichloroethane	71-55-6	ug/l	5	0.54	U			0.54	U			0.54	U			0.54	U			0.54	U		
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	5	0.65	U			0.65	U			0.65	U			0.65	U			0.65	U		
1,1,2-Trichloroethane	79-00-5	ug/l	1	0.53	U			0.53	U			0.53	U			0.53	U			0.53	U		
1,1-Dichloroethane	75-34-3	ug/l	5	0.57	U			0.57	U			0.57	U			0.57	U			0.57	U		
1,1-Dichloroethene	75-35-4	ug/l	5	0.59	U			0.59	U			0.59	U			0.59	U			0.59	U		
1,2,3-Trichlorobenzene	87-61-6	ug/l	5	0.5	U			0.5	U			0.5	U			0.5	U			0.5	U		
1,2,4-Trichlorobenzene	120-82-1	ug/l	5	0.5	U			0.5	U			0.5	U			0.5	U			0.5	U		
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.04	0.53	U			0.53	U			0.53	U			0.53	U			0.53	U		
1,2-Dibromoethane	106-93-4	ug/l	0.0006	0.48	U			0.48	U			0.48	U			0.48	U			0.48	U		
1,2-Dichlorobenzene	95-50-1	ug/l	3	0.53	U			0.53	U			0.53	U			0.53	U			0.53	U		
1,2-Dichloroethane	107-06-2	ug/l	0.6	0.6	U			0.6	U			0.6	U			0.6	U			0.6	U		
1,2-Dichloropropane	78-87-5	ug/l	1	0.51	U			0.51	U			0.51	U			0.51	U			0.51	U		
1,3-Dichlorobenzene	541-73-1	ug/l	3	0.54	U			0.54	U			0.54	U			0.54	U			0.54	U		
1,4-Dichlorobenzene	106-46-7	ug/l	3	0.51	U			0.51	U			0.51	U			0.51	U			0.51	U		
2-Butanone (MEK)	78-93-3	ug/l	50	2.7	U			2.7	U			2.7	U			2.7	U			2.7	U		
2-Hexanone	591-78-6	ug/l	50	4.8	U			4.8	U			4.8	U			4.8	U			4.8	U		
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/l		4.9	U			4.9	U			4.9	U			4.9	U			4.9	U		
6:2 Fluorotelomer sulfonate	27619-97-2	ug/l				0.00095	U			0.0011	J			0.00097	U			0.00098	U			0.00099	U
8:2 Fluorotelomer sulfonate	39108-34-4	ug/l				0.0015	U			0.0015	U			0.0015	U			0.0016	U			0.0016	U
Acetone	67-64-1	ug/l	50	3.1	U			3.1	U			3.1	U			3.1	U			3.1	U		
Benzene	71-43-2	ug/l	1	0.43	U			0.43	U			0.43	U			0.43	U			0.43	U		
Bromochloromethane	74-97-5	ug/l	5	0.48	U			0.48	U			0.48	U			0.48	U			0.48	U		
Bromodichloromethane	75-27-4	ug/l	50	0.45	U			0.45	U			0.45	U			0.45	U			0.45	U		
Bromoform	75-25-2	ug/l	50	0.63	U			0.63	U			0.63	U			0.63	U			0.63	U		
Bromomethane	74-83-9	ug/l	5	1.6	U			1.6	U			1.6	U			1.6	U			1.6	U		
Carbon disulfide	75-15-0	ug/l	60	1.8	U			1.8	U			1.8	U			1.8	U			1.8	U		
Carbon tetrachloride	56-23-5	ug/l	5	0.55	U			0.55	U			0.55	U			0.55	U			0.55	U		
Chlorobenzene	108-90-7	ug/l	5	0.56	U			0.56	U			0.56	U			0.56	U			0.56	U		
Chloroethane	75-00-3	ug/l	5	0.73	U			0.73	U			0.73	U			0.73	U			0.73	U		
Chloroform	67-66-3	ug/l	7	0.5	U			0.5	U			0.5	U			0.5	U			0.5	U		
Chloromethane	74-87-3	ug/l	5	0.76	U			0.76	U			0.76	U			0.76	U			0.76	U		
cis-1,2-Dichloroethene	156-59-2	ug/l	5	0.51	U			0.59	J			0.51	U			0.54	J			0.51	U		
cis-1,3-Dichloropropene	10061-01-5	ug/l		0.47	U			0.47	U			0.47	U			0.47	U			0.47	U		
Cyclohexane	110-82-7	ug/l		0.78	U			0.78	U			0.78	U			0.78	U			0.78	U		
Dibromochloromethane	124-48-1	ug/l	50	0.56	U			0.56	U			0.56	U			0.56	U			0.56	U		
Dichlorodifluoromethane	75-71-8	ug/l	5	0.56	U			0.56	U			0.56	U			0.56	U			0.56	U		
EtFOSAA	2991-50-6	ug/l				0.00095	U			0.00097	U			0.00097	U			0.00098	U			0.00099	U
Ethylbenzene	100-41-4	ug/l	5	0.6	U			0.6	U			0.6	U			0.6	U			0.6	U		
Freon 113	76-13-1	ug/l	5	0.58	U			0.58	U			0.58	U			0.58	U			0.58	U		
Isopropylbenzene	98-82-8	ug/l	5	0.65	U			0.65	U			0.65	U			0.65	U			0.65	U		
m,p-Xylene	M,P-XYLENE	ug/l		0.78	U			0.78	U			0.78	U			0.78	U			0.78	U		
MeFOSAA	2355-31-9	ug/l				0.00053	U			0.00054	U			0.00054	U			0.00055	U			0.00056	U
Methyl Acetate	79-20-9	ug/l		0.8	U			0.8	U			0.8	U			0.8	U			0.8	U		
Methyl Tert Butyl Ether	1634-04-4	ug/l	10	0.51	U			0.51	U			0.51	U			0.51	U			0.51	U		
Methylcyclohexane	108-87-2	ug/l		0.6	U			0.6	U			0.6	U			0.6	U			0.6	U		
Methylene chloride	75-09-2	ug/l	5	1	U			1	U			1	U			1	U			1	U		
o-Xylene	95-47-6	ug/l	5	0.59	U			0.59	U			0.59	U			0.59	U			0.59	U		
Styrene	100-42-5	ug/l	5	0.49	U			0.49	U			0.49	U			0.49	U			0.49	U		
Tetrachloroethene	127-18-4	ug/l	5	0.56	U			0.56	U			0.56	U			0.56	U			0.56	U		
Toluene	108-88-3	ug/l	5	0.49	U			0.49	U			0.49	U			0.49	U			0.49	U		
trans-1,2-Dichloroethene	156-60-5	ug/l	5	0.54	U			0.54	U			0.54	U			0.54	U			0.54	U		
trans-1,3-Dichloropropene	10061-02-6	ug/l		0.43	U			0.43	U			0.43	U			0.43	U			0.43	U		
Trichloroethene	79-01-6	ug/l	5	0.53	U			0.53	U			0.53	U			0.53	U			0.53	U		
Trichlorofluoromethane	75-69-4	ug/l	5	0.4	U			0.4	U			0.4	U			0.4	U			0.4	U		
Vinyl chloride	75-01-4	ug/l	2	0.52	U			0.52	U			0.52	U			0.52	U			0.52	U		
Xylene (total)	1330-20-7	ug/l	5	0.59	U			0.59	U			0.59	U			0.59	U			0.59	U		

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.

Appendix A:

Site Management Plan Figures



REFERENCE:
INFORMATION CREATED FROM " TOPO" NATIONAL GEOGRAPHIC
2007 TELE ATLAS RE. 2007

FIG 1.1

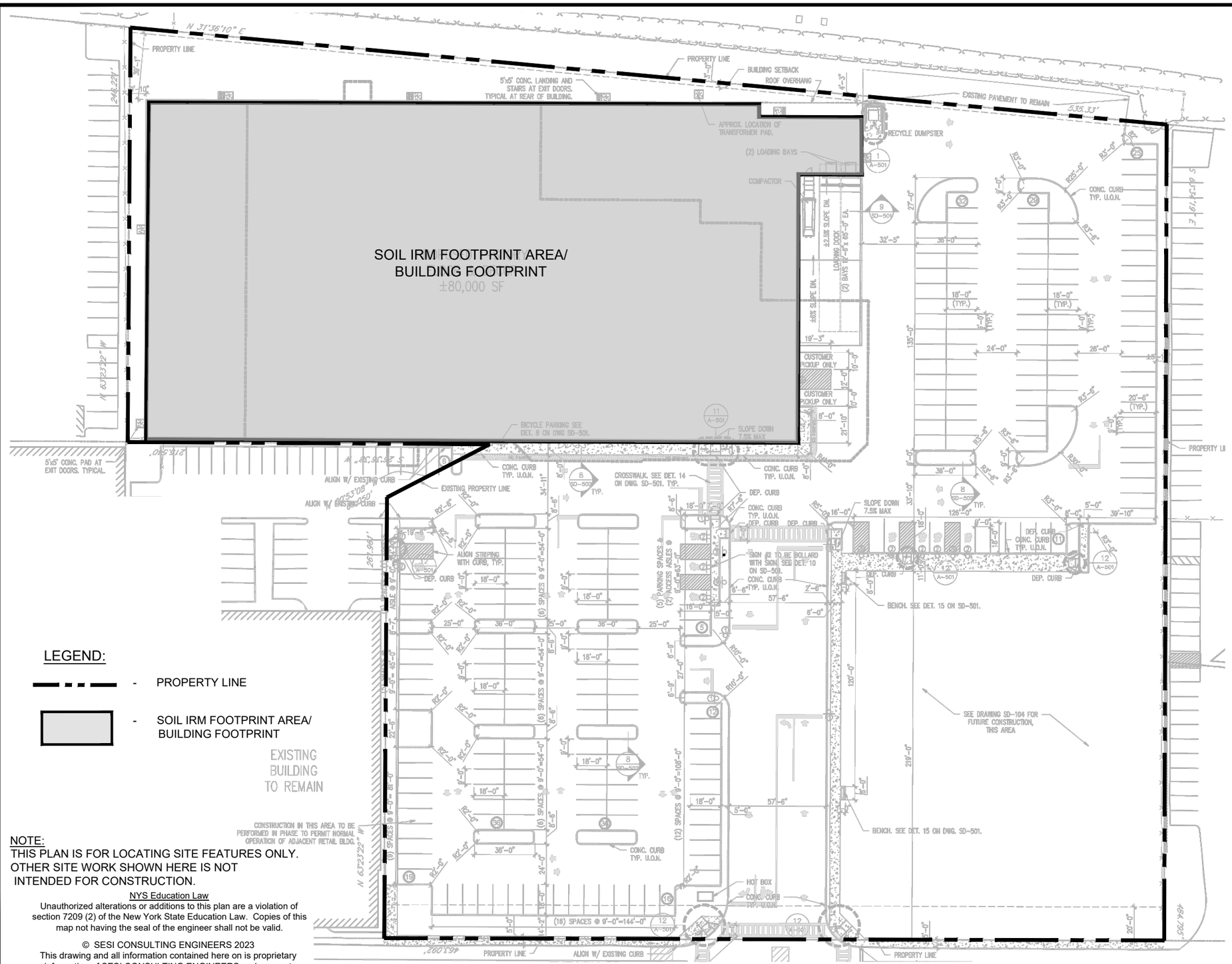
130 MIDLAND AVENUE
PARCEL #142.53-1-5
PORT CHESTER, WESTCHESTER COUNTY,
NEW YORK, 10573
BCP SITE No. C360195

SITE LOCATION MAP

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

DRAWN BY: AW
CHECKED BY: --
SCALE: AS NOTED
DATE: 08/23/2022
JOB NO.: 12365

N:\ACAD\12365\CADD\FIG 3.1 PROPOSED IRM AREA PLAN.DWG 10/25/23 11:18:42AM, alan.ward, LAYOUT:FIG. 1-1 SITE LOCATION MAP



LEGEND:

- PROPERTY LINE

- SOIL IRM FOOTPRINT AREA/ BUILDING FOOTPRINT

EXISTING BUILDING TO REMAIN

NOTE:
THIS PLAN IS FOR LOCATING SITE FEATURES ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS 2023
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS

REFERENCE
1. EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "SITE LAYOUT" PREPARED BY PAPP ARCHITECTS 188 EAST POST ROAD, WHITE PLAINS NY 10601, DATED 02-07-2002.

SCALE: 1"=60'
0 60 120

dwg by: AW
chk by: -
scale: AS NOTED
date: 10/25/2023

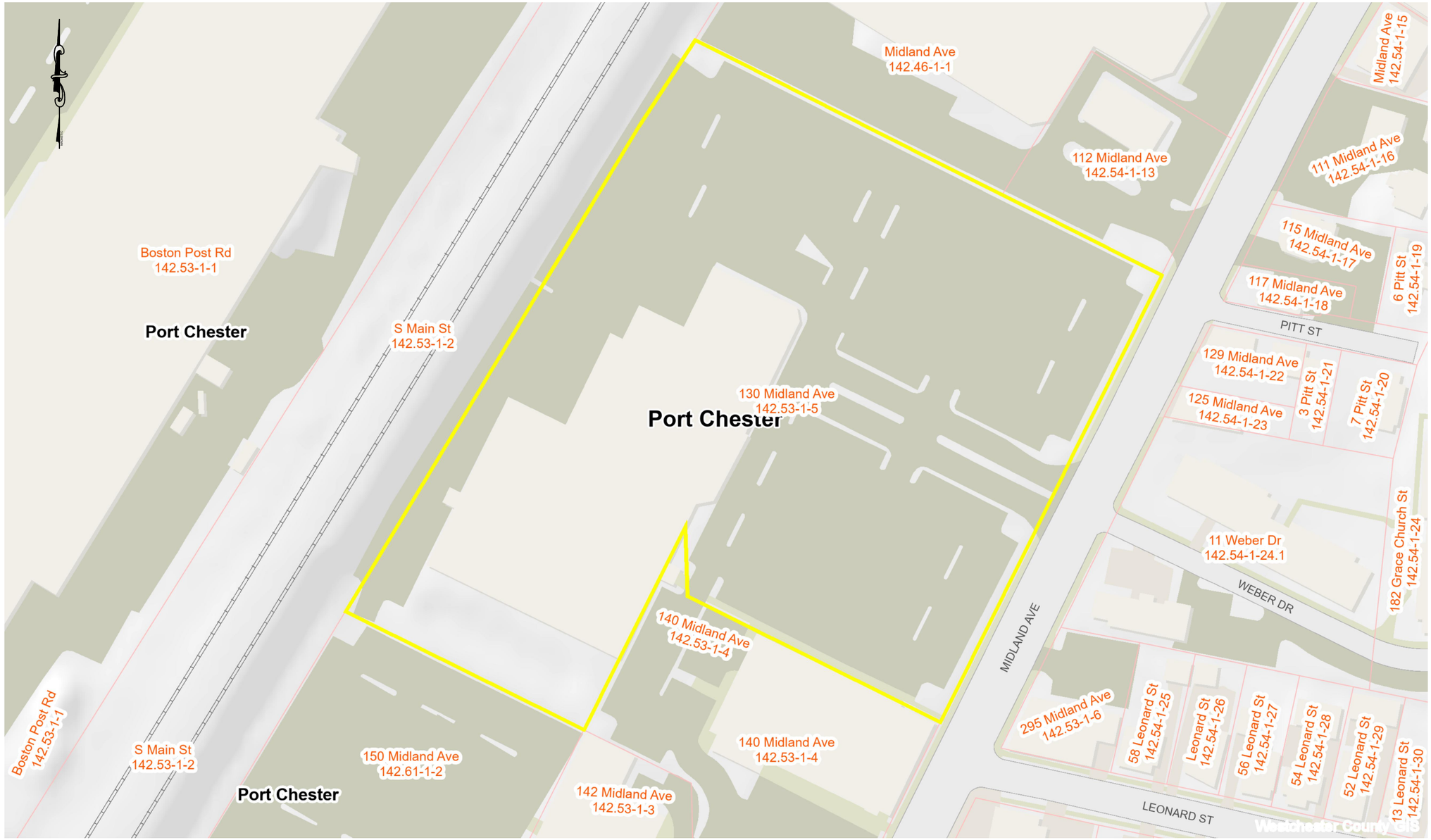
SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

project:
130 MIDLAND AVENUE
PARCEL #142.53-1-5
PORT CHESTER, WESTCHESTER COUNTY, NEW YORK 10573
BCP SITE No. C360195

title: SITE PLAN

job no: 12365
drawing no: FIG-1.2

N:\ACAD\12365\CADD\FIG 3.1 PROPOSED IRM AREA PLAN.DWG 10/25/23 12:17:42PM, alan.ward, LAYOUT:FIG. 1-2 SITE PLAN



N: \ACAD\12365\CADD\12365.DWG_TAX MAPDWG.DWG 11/20/23 02:02:46PM, alan.ward, LAYOUT:FIG 2-1 TAX MAP

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS 2023
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS

REFERENCE
1. EXISTING CONDITIONS & BOUNDARY ARE TAKEN FROM "130 MIDLAND AVE. ID: 142.53-1-5 (PORT CHESTER) TAX MAP" PREPARED BY WESTCHESTER COUNTY GIS ASSOCIATES. DATED NOVEMBER 20, 2023.

SCALE: 1"=100'
0 100 200

dwg by: AW
chk by: JM
scale: AS NOTED
date: 11/20/2023

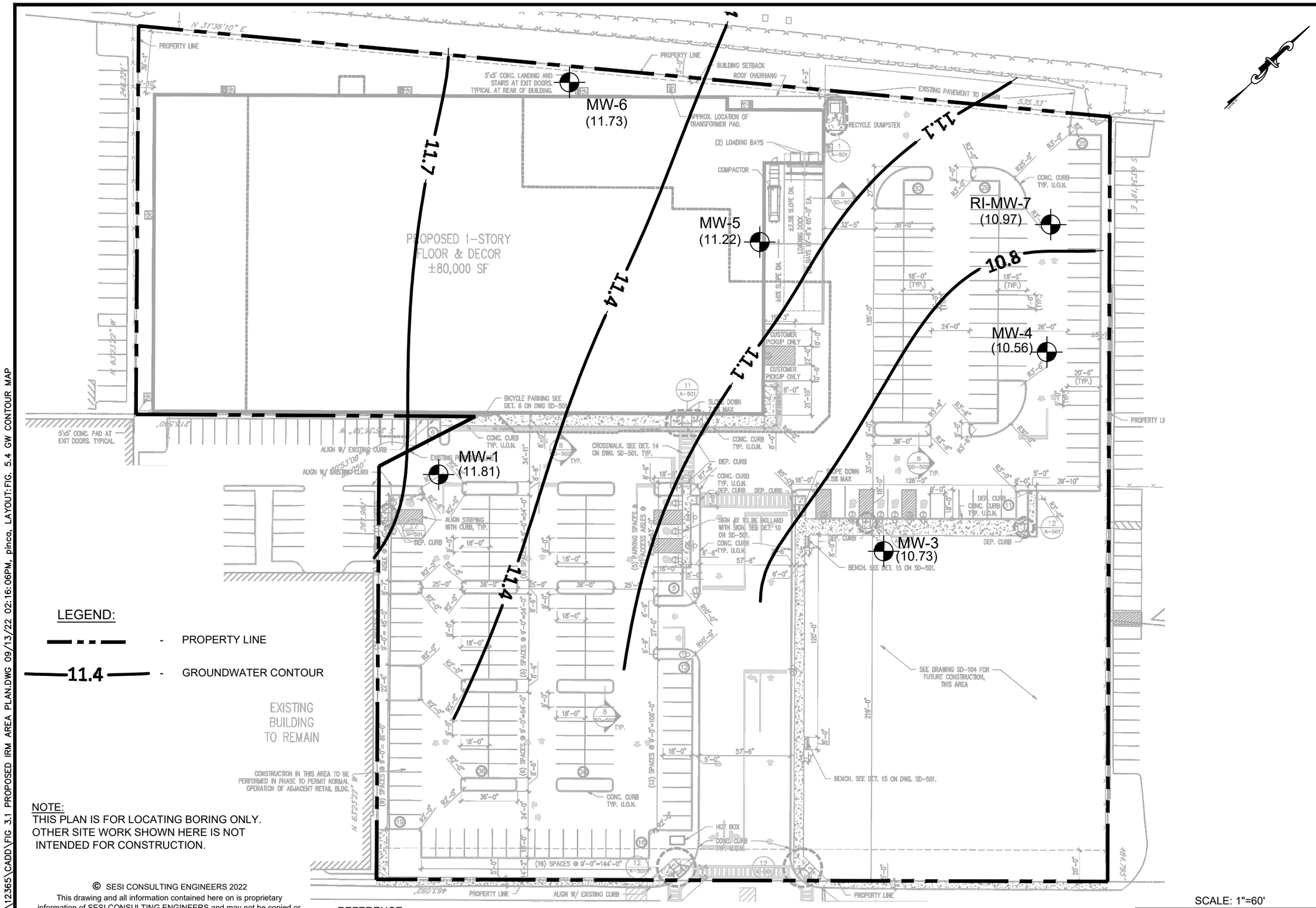
SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

project:
130 MIDLAND AVENUE
PARCEL #142.53-1-5
PORT CHESTER, WEST CHESTER COUNTY, NEW YORK
BCP SITE NO. C360195

title:
SITE TAX MAP

job no: 12365
drawing no:

FIG-2.1



LEGEND:

- PROPERTY LINE
- 11.4 - GROUNDWATER CONTOUR

NOTE:
THIS PLAN IS FOR LOCATING BORING ONLY.
OTHER SITE WORK SHOWN HERE IS NOT
INTENDED FOR CONSTRUCTION.

© SESI CONSULTING ENGINEERS 2022
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS.

REFERENCE
1. EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "SITE LAYOUT" PREPARED BY PAPP ARCHITECTS 188 EAST POST ROAD, WHITE PLAINS NY 10601, DATED 02-07-2002.

dwg by: AW
chk by: -
scale: AS NOTED
date: 08/23/2022

SESI CONSULTING ENGINEERS
CERT. OF AUTH. # 24GA27934700
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
959 ROUTE 46E, FLOOR 3, SUITE 300, PARSIPPANY, N.J. 07054 PH: 973-808-9050

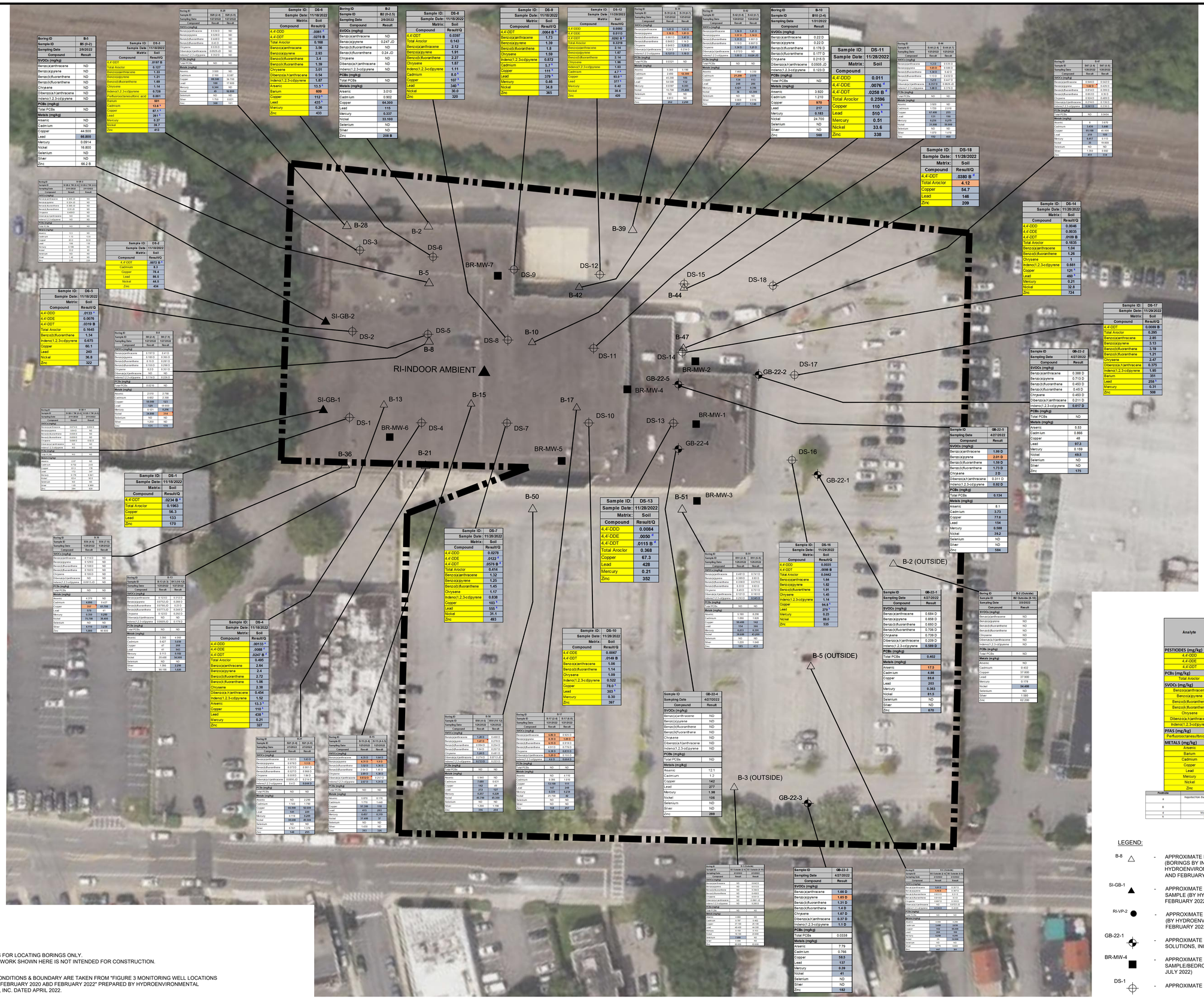
project:
130 MIDLAND AVENUE
PARCEL #143.53-1-5
PORT CHESTER, WESTCHESTER COUNTY,
NEW YORK 10573
BCP SITE No. C360195

title:
GROUNDWATER CONTOUR MAP

job no: 12365
drawing no:

FIG 2.2

N:\ACAD\12365\CADD\FIG 3.1 PROPOSED IRM AREA PLAN.DWG 09/13/22 02:16:06PM, pinca, LAYOUT:FIG. 5.4 GW CONTOUR MAP



Boring ID	B-5
Sample ID	B5 (0-2)
Sampling Date	2/9/2022
Compound	Result
SVOCs (mg/kg)	
Benzo(a)anthracene	ND
Benzo(a)pyrene	ND
Benzo(b)fluoranthene	ND
Benzo(k)fluoranthene	ND
Chrysene	ND
Dibenz(a,h)anthracene	ND
Indeno(1,2,3-cd)pyrene	ND
PCBs (mg/kg)	
Total PCBs	ND
Metals (mg/kg)	
Arsenic	ND
Cadmium	ND
Copper	44.500
Lead	66.800
Mercury	0.0914
Nickel	16.800
Selenium	ND
Silver	ND
Zinc	66.2 B

Sample ID:	DS-3
Sample Date:	11/18/2022
Matrix:	Soil
Compound	Result/Q
4,4'-DDT	.0197 B [a]
Total Aroclor	0.127
Benzo(a)anthracene	1.33
Benzo(a)pyrene	1.21
Benzo(b)fluoranthene	1.69
Chrysene	1.14
Indeno(1,2,3-cd)pyrene	0.728
Dibenz(a,h)anthracene	Perfluorooctanesulfonic acid
Barium	551
Cadmium	13.6 [b]
Copper	87.1 [b]
Lead	261 [b]
Mercury	0.37
Nickel	39.7
Zinc	413

Boring ID	B-8		
Sample ID	B8 (0-2)	B8 (7-9)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.137 D	0.41 D	
Benzo(a)pyrene	0.165 D	0.393 D	
Benzo(b)fluoranthene	0.15 D	0.281 D	
Benzo(k)fluoranthene	0.150 D	0.259 D	
Chrysene	0.23 D	0.353 D	
Dibenz(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)pyrene	0.113 D	0.235 D	
PCBs (mg/kg)			
Total PCBs	0.0218	ND	
Metals (mg/kg)			
Arsenic	2.510	2.790	
Cadmium	0.502	0.209	
Copper	59.900	19.600	
Lead	1,520	19.600	
Mercury	0.101	0.216	
Nickel	14.600	11.4	
Selenium	ND	ND	
Silver	1.350	ND	
Zinc	515	178	

Boring ID	B-9		
Sample ID	B9 (0-2)	B9 (7-9)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	1.28 D	0.449 D	
Benzo(a)pyrene	1.27 D	0.278 D	
Benzo(b)fluoranthene	0.784 D	0.254 D	
Benzo(k)fluoranthene	1.64 D	0.257 D	
Chrysene	1.24 D	0.491 D	
Dibenz(a,h)anthracene	0.274 D	0.0712 JD	
Indeno(1,2,3-cd)pyrene	0.713 D	0.223 D	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	5.940	ND	
Cadmium	7.689	0.631	
Copper	142	49	
Lead	272	127	
Mercury	0.257	0.238	
Nickel	40.700	45.300	
Selenium	ND	ND	
Silver	1.310	1.150	
Zinc	366	204	

Boring ID	B-10		
Sample ID	B10 (0-2)	B10 (7-9)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.0967 JD	ND	
Benzo(a)pyrene	0.0742 JD	ND	
Benzo(b)fluoranthene	0.0766 JD	0.21 D	
Benzo(k)fluoranthene	0.0771 JD	0.0483 JD	
Chrysene	0.123 D	0.252 D	
Dibenz(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)pyrene	0.0935 JD	0.173 D	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	3.300	4.100	
Cadmium	0.477	0.516	
Copper	47	205	
Lead	41	343	
Mercury	0.113	0.152	
Nickel	20.400	34.500	
Selenium	ND	ND	
Silver	1.160	2.290	
Zinc	93.100	1,020	

Boring ID	B-11		
Sample ID	B11 (0-3)	B11 (10-12)	
Sampling Date	1/25/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.121D	0.212 D	
Benzo(a)pyrene	0.0742 JD	0.209 D	
Benzo(b)fluoranthene	0.0766 JD	0.21 D	
Benzo(k)fluoranthene	0.0771 JD	0.0483 JD	
Chrysene	0.123 D	0.252 D	
Dibenz(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)pyrene	0.0935 JD	0.173 D	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	3.300	4.100	
Cadmium	0.477	0.516	
Copper	47	205	
Lead	41	343	
Mercury	0.113	0.152	
Nickel	20.400	34.500	
Selenium	ND	ND	
Silver	1.160	2.290	
Zinc	93.100	1,020	

Boring ID	B-12		
Sample ID	B12 (0-2)	B12 (7-9)	
Sampling Date	2/11/2022	2/11/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.969 JD	ND	
Benzo(a)pyrene	0.914 JD	ND	
Benzo(b)fluoranthene	0.965 JD	ND	
Benzo(k)fluoranthene	0.406 JD	ND	
Chrysene	1.4 D	ND	
Dibenz(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)pyrene	ND	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	5.3	ND	
Cadmium	1.12	0.2	
Copper	63.5	6.03	
Lead	109	1.56	
Mercury	0.169	ND	
Nickel	19.1	ND	
Selenium	ND	ND	
Silver	1.42	ND	
Zinc	253	22.6	

Boring ID	B-13		
Sample ID	B13 (0-2)	B13 (7-9)	
Sampling Date	2/11/2022	2/11/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.0437 JD	0.402 D	
Benzo(a)pyrene	0.0742 JD	0.393 D	
Benzo(b)fluoranthene	0.0766 JD	0.281 D	
Benzo(k)fluoranthene	0.0771 JD	0.259 D	
Chrysene	0.123 D	0.353 D	
Dibenz(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)pyrene	0.0935 JD	0.235 D	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	3.87	ND	
Cadmium	0.732	0.61	
Copper	47.2	14.7	
Lead	112	147	
Mercury	0.178	0.561	
Nickel	22.4	9.03	
Selenium	ND	ND	
Silver	1.45	0.464	
Zinc	284	328	

Boring ID	B-14		
Sample ID	B14 (0-2)	B14 (7-9)	
Sampling Date	2/11/2022	2/11/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.0437 JD	0.402 D	
Benzo(a)pyrene	0.0742 JD	ND	
Benzo(b)fluoranthene	0.0766 JD	ND	
Chrysene	0.123 D	0.353 D	
Dibenz(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)pyrene	0.0935 JD	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	3.87	ND	
Cadmium	0.732	0.61	
Copper	47.2	14.7	
Lead	112	147	
Mercury	0.178	0.561	
Nickel	22.4	9.03	
Selenium	ND	ND	
Silver	1.45	0.464	
Zinc	284	328	

Boring ID	B-15		
Sample ID	B15 (0-4)	B15 (4.5-6)	
Sampling Date	1/25/2022	1/25/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	4.25 D	1.64 D	
Benzo(a)pyrene	4.51 D	1.5 D	
Benzo(b)fluoranthene	3.52 D	1.36 D	
Benzo(k)fluoranthene	2.64 D	1.45 D	
Chrysene	2.83 D	1.39 D	
Dibenz(a,h)anthracene	0.53 JD	0.23 D	
Indeno(1,2,3-cd)pyrene	2.07 D	1.31 D	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	5.970	8.170	
Cadmium	1.772	1.443	
Copper	57.300	118	
Lead	870	293	
Mercury	0.457	0.315	
Nickel	37.400	30	
Selenium	ND	ND	
Silver	1.430	ND	
Zinc	393	326	

Boring ID	B-16		
Sample ID	B16 (0-4)	B16 (7.5)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.114 D	ND	
Benzo(a)pyrene	0.119 D	ND	
Benzo(b)fluoranthene	0.149 D	ND	
Benzo(k)fluoranthene	0.150 D	ND	
Chrysene	0.165 D	ND	
Dibenz(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)pyrene	0.0913 JD	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	3.300	4.100	
Cadmium	0.477	0.516	
Copper	47	205	
Lead	41	343	
Mercury	0.113	0.152	
Nickel	20.400	34.500	
Selenium	ND	ND	
Silver	1.160	2.290	
Zinc	93.100	1,020	

Boring ID	B-17		
Sample ID	B17 (0-4)	B17 (6-8)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.56 D	0.523 D	
Benzo(a)pyrene	0.39 D	0.69 D	
Benzo(b)fluoranthene	0.515 D	0.516 D	
Benzo(k)fluoranthene	0.512 D	0.719 D	
Chrysene	0.36 D	0.633 D	
Dibenz(a,h)anthracene	1.2 D	0.0743 JD	
Indeno(1,2,3-cd)pyrene	0.42 D	0.524 D	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	2.190	3.110	
Cadmium	0.0	0.0	
Copper	72.100	111	
Lead	1.42	248	
Mercury	0.333	0.234	
Nickel	31.700	32	
Selenium	ND	ND	
Silver	ND	ND	
Zinc	168	257	

Boring ID	B-18		
Sample ID	B18 (0-4)	B18 (7-9)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.0437 JD	0.402 D	
Benzo(a)pyrene	0.0742 JD	ND	
Benzo(b)fluoranthene	0.0766 JD	ND	
Benzo(k)fluoranthene	0.0771 JD	ND	
Chrysene	0.123 D	0.353 D	
Dibenz(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)pyrene	0.0935 JD	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	3.87	ND	
Cadmium	0.732	0.61	
Copper	47.2	14.7	
Lead	112	147	
Mercury	0.178	0.561	
Nickel	22.4	9.03	
Selenium	ND	ND	
Silver	1.45	0.464	
Zinc	284	328	

Boring ID	B-19		
Sample ID	B19 (0-4)	B19 (7.5)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.114 D	ND	
Benzo(a)pyrene	0.119 D	ND	
Benzo(b)fluoranthene	0.149 D	ND	
Benzo(k)fluoranthene	0.150 D	ND	
Chrysene	0.165 D	ND	
Dibenz(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)pyrene	0.0913 JD	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	3.87	ND	
Cadmium	0.732	0.61	
Copper	47.2	14.7	
Lead	112	147	
Mercury	0.178	0.561	
Nickel	22.4	9.03	
Selenium	ND	ND	
Silver	1.45	0.464	
Zinc	284	328	

Boring ID	B-20		
Sample ID	B20 (0-4)	B20 (7-9)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.114 D	ND	
Benzo(a)pyrene	0.119 D	ND	
Benzo(b)fluoranthene	0.149 D	ND	
Benzo(k)fluoranthene	0.150 D	ND	
Chrysene	0.165 D	ND	
Dibenz(a,h)anthracene	ND	ND	
Indeno(1,2,3-cd)pyrene	0.0913 JD	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	3.87	ND	
Cadmium	0.732	0.61	
Copper	47.2	14.7	
Lead	112	147	
Mercury	0.178	0.561	
Nickel	22.4	9.03	
Selenium	ND	ND	
Silver	1.45	0.464	
Zinc	284	328	

Boring ID	B-21		
Sample ID	B21 (0-4)	B21 (6-8)	
Sampling Date	2/7/2022	2/7/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.0812	0.623 D	
Benzo(a)pyrene	0.0742	0.63 D	
Benzo(b)fluoranthene	0.0766	0.594 D	
Benzo(k)fluoranthene	0.0771	0.594 D	
Chrysene	0.0970	0.742 D	
Dibenz(a,h)anthracene	0.0935 JD	0.214 D	
Indeno(1,2,3-cd)pyrene	0.43	0.534 D	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	ND	2.290	
Cadmium	0.149	1.756	
Copper	65.300	52.600	
Lead	141	439	
Mercury	0.118	0.299	
Nickel	32.600	45.300	
Selenium	ND	ND	
Silver	0.781	1.310	
Zinc	148	815	

Boring ID	B-22		
Sample ID	B22 (0-2.5)		
Sampling Date	2/9/2022		
Compound	Result		
SVOCs (mg/kg)			
Benzo(a)anthracene	ND		
Benzo(a)pyrene	0.247 JD		
Benzo(b)fluoranthene	ND		
Benzo(k)fluoranthene	0.24 JD		
Chrysene	ND		
Dibenz(a,h)anthracene	ND		
Indeno(1,2,3-cd)pyrene	ND		
PCBs (mg/kg)			
Total PCBs	ND		
Metals (mg/kg)			
Arsenic	3.010		
Cadmium	0.902		
Copper	64.300		
Lead	115		
Mercury	0.337		
Nickel	33.100		
Selenium	ND		
Silver	ND		
Zinc	208 B		

Boring ID	B-23		
Sample ID	B23 (0-4)	B23 (6-8)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-24		
Sample ID	B24 (0-4)	B24 (6-8)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-25		
Sample ID	B25 (0-4)	B25 (6-8)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-26		
Sample ID	B26 (0-4)	B26 (6-8)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-27		
Sample ID	B27 (0-4)	B27 (6-8)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-28		
Sample ID	B28 (0-4)	B28 (6-8)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-29		
Sample ID	B29 (0-4)	B29 (6-8)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-30		
Sample ID	B30 (0-4)	B30 (10-12)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	1.28 D	0.449 D	
Benzo(a)pyrene	1.27 D	0.278 D	
Benzo(b)fluoranthene	0.784 D	0.254 D	
Benzo(k)fluoranthene	1.64 D	0.257 D	
Chrysene	1.24 D	0.491 D	
Dibenz(a,h)anthracene	0.274 D	0.0712 JD	
Indeno(1,2,3-cd)pyrene	0.713 D	0.223 D	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	5.940	ND	
Cadmium	7.689	0.631	
Copper	142	49	
Lead	272	127	
Mercury	0.257	0.238	
Nickel	40.700	45.300	
Selenium	ND	ND	
Silver	1.310	1.150	
Zinc	366	204	

Boring ID	B-31		
Sample ID	B31 (0-4)	B31 (6-8)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-32		
Sample ID	B32 (0-4)	B32 (6-8)	
Sampling Date	1/27/2022	1/27/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

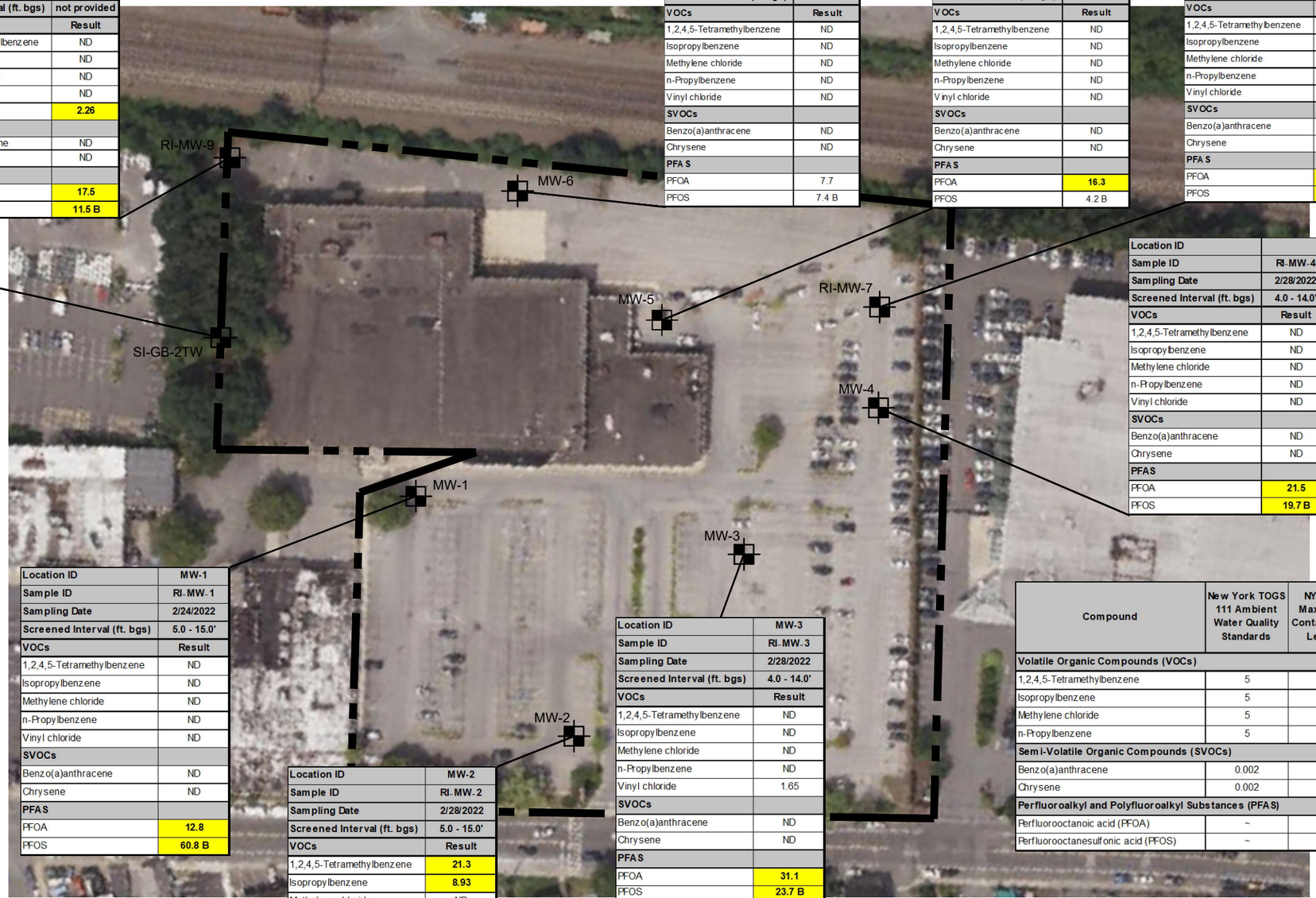
Boring ID	B-33		
Sample ID	B33 (0-4)	B33 (6-8)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-34		
Sample ID	B34 (0-4)	B34 (6-8)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-35		
Sample ID	B35 (0-4)	B35 (6-8)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-36		
Sample ID	B36 (0-4)	B36 (6-8)	
Sampling Date	1/26/2022	1/26/2022	
Compound	Result	Result	
SVOCs (mg/kg)			
Benzo(a)anthracene	0.134 D	ND	
Benzo(a)pyrene	0.129 D	ND	
Benzo(b)fluoranthene	0.448 D	ND	
Benzo(k)fluoranthene	0.45 D	ND	
Chrysene	0.135 D	ND	
Dibenz(a,h)anthracene	0.0576 JD	ND	
Indeno(1,2,3-cd)pyrene	0.352 D	ND	
PCBs (mg/kg)			
Total PCBs	ND	ND	
Metals (mg/kg)			
Arsenic	7.550	ND	
Cadmium	0.599	0.107	
Copper	68.500	34.700	
Lead	1,160	4.68	
Mercury	0.344	0.0	
Nickel	31	32.500	
Selenium	ND	ND	
Silver	1.760	0.631	
Zinc	598	151	

Boring ID	B-37		
Sample ID	B37 (0-4)	B37 (6-8)	
Sampling Date	1/26/2022	1/26/2022	
Comp



Location ID	MW-9
Sample ID	RI-MW-9
Sampling Date	2/24/2022
Screened Interval (ft. bgs)	not provided
VOCs	Result
1,2,4,5-Tetramethylbenzene	ND
Isopropylbenzene	ND
Methylene chloride	ND
n-Propylbenzene	ND
Vinyl chloride	2.26
SVOCs	
Benzo(a)anthracene	ND
Chrysene	ND
PFAS	
PFOA	17.5
PFOS	11.5 B

Location ID	MW-6
Sample ID	RI-MW-6
Sampling Date	2/24/2022
Screened Interval (ft. bgs)	5.0 - 29.0'
VOCs	Result
1,2,4,5-Tetramethylbenzene	ND
Isopropylbenzene	ND
Methylene chloride	ND
n-Propylbenzene	ND
Vinyl chloride	ND
SVOCs	
Benzo(a)anthracene	ND
Chrysene	ND
PFAS	
PFOA	7.7
PFOS	7.4 B

Location ID	MW-5
Sample ID	RI-MW-5
Sampling Date	2/28/2022
Screened Interval (ft. bgs)	5.0 - 29.0'
VOCs	Result
1,2,4,5-Tetramethylbenzene	ND
Isopropylbenzene	ND
Methylene chloride	ND
n-Propylbenzene	ND
Vinyl chloride	ND
SVOCs	
Benzo(a)anthracene	ND
Chrysene	ND
PFAS	
PFOA	16.3
PFOS	4.2 B

Location ID	MW-7
Sample ID	RI-MW-7
Sampling Date	2/28/2022
Screened Interval (ft. bgs)	not provided
VOCs	Result
1,2,4,5-Tetramethylbenzene	0.460
Isopropylbenzene	ND
Methylene chloride	ND
n-Propylbenzene	ND
Vinyl chloride	ND
SVOCs	
Benzo(a)anthracene	ND
Chrysene	ND
PFAS	
PFOA	29.7
PFOS	21.2 B

Location ID	SI-GB-2
Sample ID	SI GB-2 TW
Sampling Date	2/14/2022 2/28/2022
Screened Interval (ft. bgs)	not provided
VOCs	Result
1,2,4,5-Tetramethylbenzene	ND
Isopropylbenzene	ND
Methylene chloride	11.7
n-Propylbenzene	ND
Vinyl chloride	ND
SVOCs	
Benzo(a)anthracene	0.125
Chrysene	0.162
PFAS	
PFOA	ND
PFOS	ND

Location ID	MW-4	
Sample ID	RI-MW-4	DUPLICATE (RI-MW-4)
Sampling Date	2/28/2022	2/28/2022
Screened Interval (ft. bgs)	4.0 - 14.0'	4.0 - 14.0'
VOCs	Result	Result
1,2,4,5-Tetramethylbenzene	ND	ND
Isopropylbenzene	ND	ND
Methylene chloride	ND	ND
n-Propylbenzene	ND	ND
Vinyl chloride	ND	ND
SVOCs		
Benzo(a)anthracene	ND	ND
Chrysene	ND	ND
PFAS		
PFOA	21.5	22.5
PFOS	19.7 B	24.4 B

Location ID	MW-1
Sample ID	RI-MW-1
Sampling Date	2/24/2022
Screened Interval (ft. bgs)	5.0 - 15.0'
VOCs	Result
1,2,4,5-Tetramethylbenzene	ND
Isopropylbenzene	ND
Methylene chloride	ND
n-Propylbenzene	ND
Vinyl chloride	ND
SVOCs	
Benzo(a)anthracene	ND
Chrysene	ND
PFAS	
PFOA	12.8
PFOS	60.8 B

Location ID	MW-2
Sample ID	RI-MW-2
Sampling Date	2/28/2022
Screened Interval (ft. bgs)	5.0 - 15.0'
VOCs	Result
1,2,4,5-Tetramethylbenzene	21.3
Isopropylbenzene	8.93
Methylene chloride	ND
n-Propylbenzene	10
Vinyl chloride	ND
SVOCs	
Benzo(a)anthracene	ND
Chrysene	ND
PFAS	
PFOA	2.67
PFOS	ND

Location ID	MW-3
Sample ID	RI-MW-3
Sampling Date	2/28/2022
Screened Interval (ft. bgs)	4.0 - 14.0'
VOCs	Result
1,2,4,5-Tetramethylbenzene	ND
Isopropylbenzene	ND
Methylene chloride	ND
n-Propylbenzene	ND
Vinyl chloride	1.65
SVOCs	
Benzo(a)anthracene	ND
Chrysene	ND
PFAS	
PFOA	31.1
PFOS	23.7 B

Compound	New York TOGS 111 Ambient Water Quality Standards	NYSDEC Maximum Contaminant Levels	Units
Volatile Organic Compounds (VOCs)			
1,2,4,5-Tetramethylbenzene	5	~	ug/l
Isopropylbenzene	5	~	ug/l
Methylene chloride	5	~	ug/l
n-Propylbenzene	5	~	ug/l
Semi-Volatile Organic Compounds (SVOCs)			
Benzo(a)anthracene	0.002	~	ug/l
Chrysene	0.002	~	ug/l
Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)			
Perfluorooctanoic acid (PFOA)	~	10	ng/l
Perfluorooctanesulfonic acid (PFOS)	~	10	ng/l

NOTE:
THIS PLAN IS FOR LOCATING BORING ONLY.
OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

LEGEND:

RI-MW-9 - APPROXIMATE LOCATION OF OVERBURDEN MONITORING WELL (BY HYDROENVIRONMENTAL SOLUTIONS INC. FEBRUARY 2020)

© SESI CONSULTING ENGINEERS 2023
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS.

REFERENCE
1. EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "FIGURE 3 MONITORING WELL LOCATIONS APRIL 2020, FEBRUARY 2020 ABD FEBRUARY 2022" PREPARED BY HYDROENVIRONMENTAL SOLUTIONS, INC. DATED APRIL 2022.

Scale 1"=100'
0 100 200

dwg by: EC
chk by: --
scale: AS NOTED
date: 09/20/2022

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

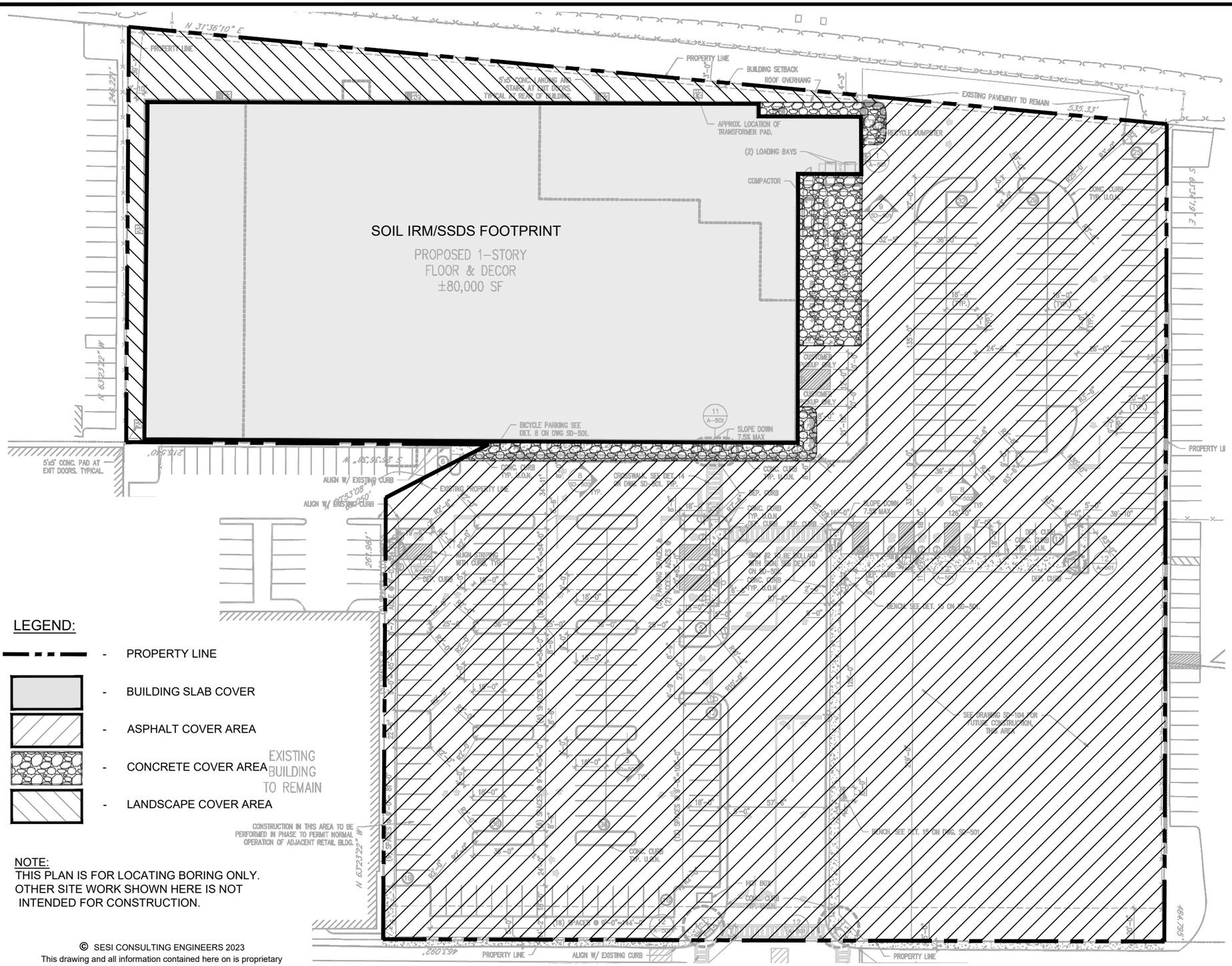
project: 130 MIDLAND AVENUE
PARCEL #142.53-1-5
PORT CHESTER, WESTCHESTER COUNTY, NEW YORK 10573
BCP SITE No. C360195

title: REMAINING CONTAMINATION IN GROUNDWATER

job no: 12365
drawing no: FIG 2.4

1 OF 1

N:\ACAD\12365\CADD\12365- FIG-5.2 GROUNDWATER SAMPLE RESULTS.DWG 11/17/23 02:15:17PM, dpg, LAYOUT:FIG 2.3 OVERBURDEN



LEGEND:

- PROPERTY LINE
- BUILDING SLAB COVER
- ASPHALT COVER AREA
- CONCRETE COVER AREA
- LANDSCAPE COVER AREA

NOTE:
THIS PLAN IS FOR LOCATING BORING ONLY.
OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

© SESI CONSULTING ENGINEERS 2023
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS.

REFERENCE
1. EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "SITE LAYOUT" PREPARED BY PAPP ARCHITECTS 188 EAST POST ROAD, WHITE PLAINS NY 10601, DATED 02-07-2002.

N:\ACAD\12365\CADD\12365.DWG SITE CAPPING PLAN (11-08-2023).DWG 11/08/23 04:25:47PM, alan.ward, LAYOUT:FIG-4.4 SITE CAPPING PLAN

dwg by: AW
chk by: JM
scale: AS NOTED
date: 11/08/2023

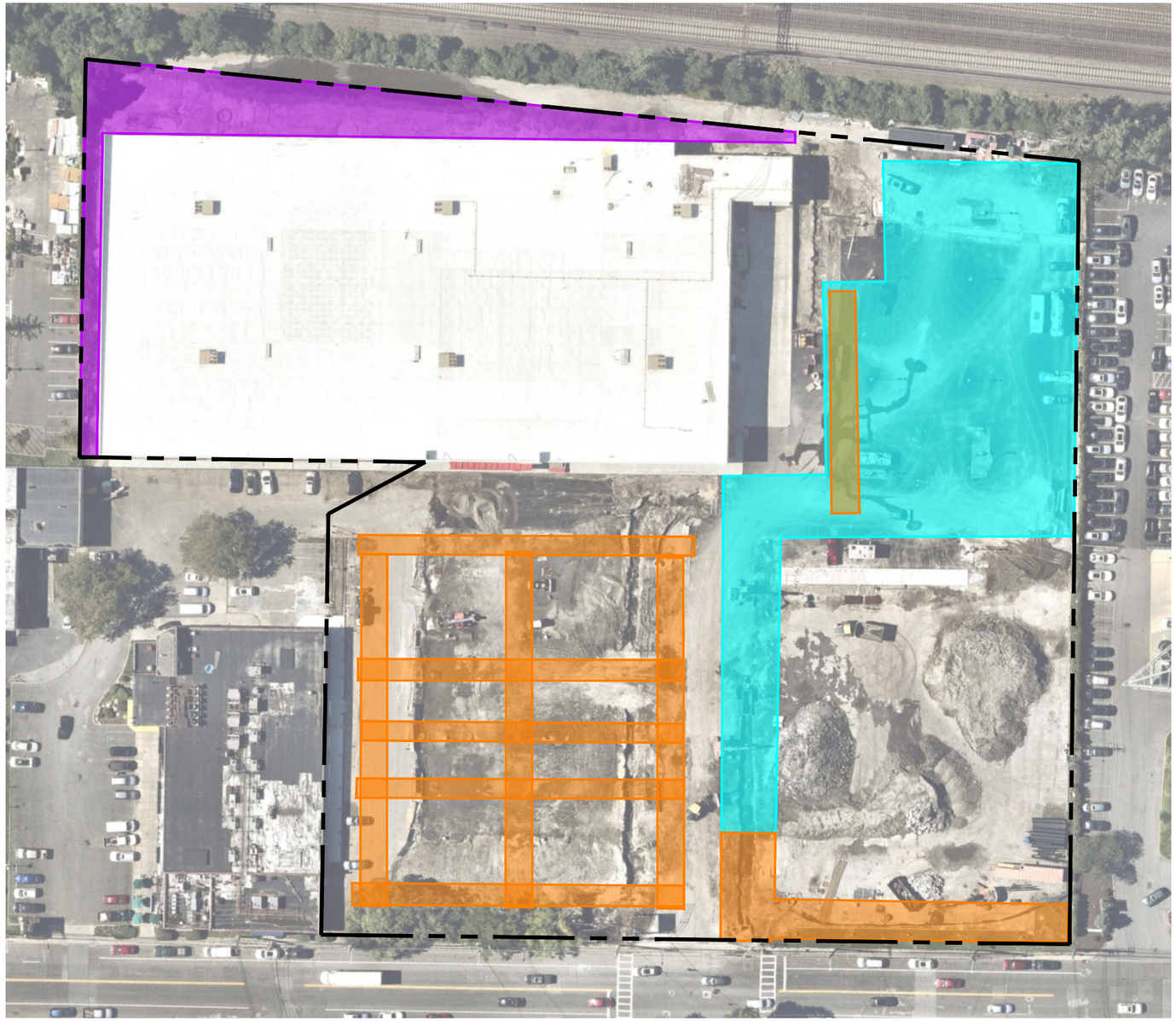
SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parsippany, nj 07054 ph: 973.808.9050

project: 130 MIDLAND AVENUE
PARCEL #143.53-1-5
PORT CHESTER, WESTCHESTER COUNTY, NEW YORK 10573
BCP SITE No. C360195

title: SITE CAPPING PLAN

job no: 12365
drawing no:

FIG-3.1



LEGEND:

- ORANGE SNOW FENCE INSTALLED BETWEEN IMPORTED RCA MATERIAL AND SUB-BASE/ASPHALT
- LANDSCAPE AREAS WITH ORANGE SNOW FENCE BELOW ONE FOOT OF TOPSOIL MEETING CSCO's
- BLACK GEOTEXTILE FABRIC INSTALLED BETWEEN IMPORTED RCA MATERIAL AND SUB-BASE/ASPHALT
- PROPERTY BOUNDARY

Scale 1"=80'

0 80 160

© SESI CONSULTING ENGINEERS 2023
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS.

N:\ACAD\12365\CADD\12365.DWG.TRACK 4 UTILITY TRENCHES.DWG 11/08/23 03:23:13PM, alan.ward, LAYOUT:FIG 4-2 DEMARCATION PLAN

Cert of Auth #24GA27934700
SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

dwg by: AW
chk by: JL
scale: AS NOTED
date: 11/07/2023

project:
130 MIDLAND AVENUE
PARCEL #142.53-1-5
PORT CHESTER, WESTCHESTER COUNTY, NEW YORK 10573
BCP SITE No. C360195

title:
DEMARCATION PLAN

job no: 12365
drawing no:
FIG-3.2

Appendix B:

Site Inspection Checklist

INSPECTION CHECKLIST

130 MIDLAND AVENUE SITE
PORT CHESTER, NEW YORK
NYSDEC BCP No. C360195

SESI CONSULTING ENGINEERS **Inspection Date: 11/19/2025**

COMPOSITE COVER SYSTEM

- Is the integrity of the cover system in tact? Yes _X_ No ____
- Do the maintenance records indicate any invasive subsurface work has been completed after the last inspection? Yes ___ No _X_
- Has any soil been removed or imported from the Site since the last inspection? Yes ___ No _X_
- If soil has been disposed off-Site or imported, has this been completed in accordance with the NYSDEC approved Soil Management Plan for the Site? Yes ___ No ___
- If subsurface invasive work was undertaken, has the demarcation geotextile and the "clean soil cover" been restored? Yes ___ No ____
- Did a Professional Engineer or a qualified environmental professional (approved by the NYSDEC) oversee the above work? Yes ___ No ____
- Was NYSDEC notified of disturbances to the "Clean Soil Cover" ? Yes ___ No ____
- List of all reported disturbances since last inspection:

  ___NONE_____

MONITORING WELL NETWORK

- Are all the on-Site monitoring wells accessible for annual compliance sampling (i.e., they are not covered by soil, dumpsters, etc.)? Yes _X_ No ____
- Is the integrity of the flush-mount/stickup manhole covers And associated concrete pads intact? Yes _X_ No ____
- Are the monitoring wells locked and the locks functioning? Yes _X_ No ____

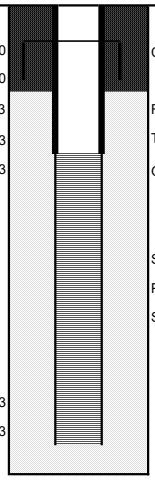
Appendix C:

Monitoring Well Construction Logs

SESI CONSULTING ENGINEERS

PROJECT NAME:		MONITORING WELL NO.		**MW-2**
PROJECT LOCATION:	130 Midland Ave., Port Chester NY	JOB NO.		12365B
		GROUND ELEVATION:		
BORING BY: Coastal	DATE STARTED 5/22/24	DEVELOPMENT PERIOD	~ 2 hours	INSIDE CASING DIAMETER (in) 2
INSPECTOR: J. Blind	DATE COMPLETED 5/22/24	DEVELOPMENT METHOD	Direct Push/Whale Pump	BOREHOLE DIAMETER (in) 6
NJ DEP PERMIT NO.:	DATE DEVELOPED 5/22/24	DEVELOPMENT RATE		INITIAL WATER LEVEL (ft): 8.85

WELL CONSTRUCTION



Depth (feet below grade)	
Top of Riser	0
Ground Surface	0
Top of Sand Pack	3
Bottom of Riser	4.3
Top of Screen	4.3
Bottom of Screen	14.3
Bottom of Boring	14.3

Casing Type: Flush-Mount
Riser Pipe: 2" PVC
Top of Seal: **Sealed to top**
Grout Type: Bentonite
Sand/Gravel Pack Size: #2
Screen Size: 10 Slot

* 0 is reference

Remarks

DEPTH (ft)	Sample	Blows on Spoon 0/6	6/12	12/18	18/24	REC (in)	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
0								
5							No spoils produced, slight odor observed during purge	
10								
15								
							End of Boring +/- 15 feet BGS	
20								
25								
30								
35								
40								

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

SESI CONSULTING ENGINEERS	PROJECT NAME:		MONITORING WELL NO.	MW-3
	PROJECT LOCATION:	130 Midland Ave., Port Chester NY	JOB NO.	12365B
			GROUND ELEVATION:	

BORING BY: Coastal	DATE STARTED	5/14/24	DEVELOPMENT PERIOD	~ 2 hours	INSIDE CASING DIAMETER (in)	2
INSPECTOR: J. Blind	DATE COMPLETED	5/14/24	DEVELOPMENT METHOD	Direct Push/Whale Pump	BOREHOLE DIAMETER (in)	6
NJ DEP PERMIT NO.:	DATE DEVELOPED	5/14/24	DEVELOPMENT RATE	# gpm	INITIAL WATER LEVEL (ft):	7.4

WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon 0/6	6/12	12/18	18/24	REC (in)	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
Depth (feet below grade)		0								
Top of Riser	0									
Ground Surface	0									
Top of Sand Pack	3									
		5								
Bottom of Riser	7.5									
Top of Screen	7.5								No spoils producted, gasoline odors observed during purge	
		10								
		15								
Bottom of Screen	17.5									
Bottom of Boring	17.5								End of Boring +/- 17.5 feet BGS	
		20								
		25								
		30								
		35								
		40								

Casing Type: Flush-Mount

Riser Pipe: 2" PVC

Top of Seal: **Sealed to top**

Grout Type: Bentonite

Sand/Gravel

Pack Size: #2

Screen Size: 10 Slot

* 0 is reference

Remarks

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

SESI CONSULTING ENGINEERS	PROJECT NAME:		MONITORING WELL NO.	MW-4
	PROJECT LOCATION:	130 Midland Ave., Port Chester NY	JOB NO.	12365B
			GROUND ELEVATION:	

BORING BY: Coastal	DATE STARTED	5/14/24	DEVELOPMENT PERIOD	~ 2 hours	INSIDE CASING DIAMETER (in)	2
INSPECTOR: J. Blind	DATE COMPLETED	5/14/24	DEVELOPMENT METHOD	Direct Push/ Whale Pump	BOREHOLE DIAMETER (in)	6
NJ DEP PERMIT NO.:	DATE DEVELOPED	5/14/24	DEVELOPMENT RATE	# gpm	INITIAL WATER LEVEL (ft):	7.3

WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon 0/6	6/12	12/18	18/24	REC (in)	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
		0								
Depth (feet below grade)										
Top of Riser	0									
Ground Surface	0									
Top of Sand Pack	3									
Bottom of Riser	5									
Top of Screen	5	5								
									No spoils produced	
		10								
Bottom of Screen	15									
Bottom of Boring	15	15								
									End of Boring +/- 15 feet BGS	
		20								
		25								
		30								
		35								
		40								

Casing Type: Flush-Mount
Riser Pipe: 2" PVC
Top of Seal: **Sealed to top**
Grout Type: Bentonite
Sand/Gravel
Pack Size: #2
Screen Size: 10 Slot

* 0 is reference

Remarks

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

Appendix D:

Well Purging and Sampling Logs

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	130 Midland Ave, Port Chester, NY			Job Number:	12365C	WELL ID: MW-2			
Personnel:	David Agudelo			Date:	11/19/2025	SESI CONSULTING ENGINEERS			
				PID:	0				

Stickup? Y / Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
	0.2	14		8.8	5.2	11.4	11		Peristatlic

Turbidity at collection (NTU):	8.9	(Less than 5 NTU is desirable)		Duplicate Collected? N		Filtered Sample? N	
Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
0	12:15	18.87	7.47	1.77	0	-151	77.9	8.9	N
	12:20	18.34	7.69	1.7	1.98	-171	28.8	8.93	N
	12:25	17.72	7.75	1.68	2.22	-161	11.4	8.96	N
	12:30	18.88	7.49	1.69	0	-178	1.2	8.98	N
	12:35	18.94	7.52	1.61	0	-180	0.2	9.02	N
	12:40	19.97	7.84	1.59	0	-180	9.3	9.04	N
5	12:45	19.12	7.53	1.57	0.3	-181	10.2	9.06	N

Well Condition Summary

Cover? Y	Bolts? Y		Concrete Pad OK? Y	Gripper? Y	

Sample Collection Information

Sample Time:	12:52	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	130 Midland Ave, Port Chester, NY			Job Number:	12365C	WELL ID: MW-3			
Personnel:	David Agudelo			Date:	11/19/2025				
				PID:	0	SESI CONSULTING ENGINEERS			

Stickup? N / Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
	0.42	17.1		7.2	9.9	12.15	13		Peristatlic

Turbidity at collection (NTU):	66.4	(Less than 5 NTU is desirable)		Duplicate Collected? Y		Filtered Sample? N	
Stabilization Parameters	**+/- 0.5 deg C.**	**+/- 0.1 Unit**	**+/- 10 umhos/cm or within 3% if >300umho**	**1 ppm**	**+/- 10 mV**	**No Limit**	**<.3 feet drawdown desirable**	**No Limit**

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
0	10:15	19.3	6.9	1.79	5.23	-105	85.4	7.2	N
	10:20	19.88	7	1.9	4.49	-125	56.3	7.23	N
	10:25	19.6	7.05	5.27	5.38	-130	75.2	7.25	N
	10:30	19.77	7.01	1.88	5.38	-126	59	7.26	N
	10:35	19.71	6.98	1.87	4.96	-122	53.4	7.28	N
	10:40	15.77	7.03	1.89	4.7	-113	46.1	7.3	N
5.3	10:45	19.25	7.04	1.75	4.7	-116	70.2	7.32	N

Well Condition Summary

Cover? Y	Bolts? N		Concrete Pad OK? N	Gripper? N	

Sample Collection Information

Sample Time:	10:48	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	130 Midland Ave, Port Chester, NY			Job Number:	12365C	WELL ID: MW-4			
Personnel:	David Agudelo			Date:	11/19/2025	SESI CONSULTING ENGINEERS			
				PID:	0				
Stickup? N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
	0.42	14.5		6.8	7.7	10.65	11		Peristatlic
Turbidity at collection (NTU):		0	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample? N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
0	13:45	20.41	6.98	1.69	4.72	-101	88	6.8	N
	13:50	20.26	6.92	1.68	5.01	-68	11.8	6.82	N
	13:55	20.32	6.93	1.65	4.82	-70	19.2	6.84	N
	14:00	20.35	6.94	1.65	4.62	-66	1	6.87	N
	14:05	20.25	6.95	1.64	4.8	-64	0	6.89	N
	14:10	20.19	6.96	1.64	4.3	-63	0	6.93	N
5	14:15	20.21	6.96	1.61	5.3	-62	0	6.95	N

Well Condition Summary

Cover? Y	Bolts? Y		Concrete Pad OK? Y	Gripper? Y	

Sample Collection Information

Sample Time:	14:25	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

Appendix E:

Groundwater Analytical Report

SGS

SGS Engage - Sample Crosstab

Client Name:			NY TOGS Class GA GW Standards (NYSDEC 6/2004) >=	NY TOGS Class GA GW Std. Guidance Values (NYSDEC 2/2023) >=	SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)	
Job:					JE23732		JE23732		JE23732		JE23732		JE23732	
Client Sample ID:					MW-2		MW-2		MW-3		MW-3		MW-4	
Matrix:					Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Location:														
Sample Date:					11/19/2025 12:52 PM		11/19/2025 12:52 PM		11/19/2025 10:48 AM		11/19/2025 10:48 AM		11/19/2025 2:25 PM	
Analyte	**CAS**	**Unit**			**JE23732-1**		**JE23732-1A**		**JE23732-2**		**JE23732-2A**		**JE23732-3**	
Xylene (total)	1330-20-7	ug/l	5		0.59	U			0.59	U			0.59	U
o-Xylene	95-47-6	ug/l	5		0.59	U			0.59	U			0.59	U
m,p-Xylene	M,P-XYLENE	ug/l			0.78	U			0.78	U			0.78	U
Vinyl chloride	75-01-4	ug/l	2		0.52	U			0.52	U			0.52	U
Trichlorofluoromethane	75-69-4	ug/l	5		0.4	U			0.4	U			0.4	U
Trichloroethene	79-01-6	ug/l	5		0.53	U			0.53	U			0.53	U
1,1,2-Trichloroethane	79-00-5	ug/l	1		0.53	U			0.53	U			0.53	U
1,1,1-Trichloroethane	71-55-6	ug/l	5		0.54	U			0.54	U			0.54	U
1,2,4-Trichlorobenzene	120-82-1	ug/l	5		0.5	U			0.5	U			0.5	U
1,2,3-Trichlorobenzene	87-61-6	ug/l	5		0.5	U			0.5	U			0.5	U
Toluene	108-88-3	ug/l	5		0.49	U			0.49	U			0.49	U
Tetrachloroethene	127-18-4	ug/l	5		0.56	U			0.56	U			0.56	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	5		0.65	U			0.65	U			0.65	U
Styrene	100-42-5	ug/l	5		0.49	U			0.49	U			0.49	U
Methylene chloride	75-09-2	ug/l	5		1	U			1	U			1	U
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/l			4.9	U			4.9	U			4.9	U
Methyl Tert Butyl Ether	1634-04-4	ug/l	10	10	0.51	U			0.51	U			0.51	U
Methylcyclohexane	108-87-2	ug/l			0.6	U			0.6	U			0.6	U
Methyl Acetate	79-20-9	ug/l			0.8	U			0.8	U			0.8	U
Isopropylbenzene	98-82-8	ug/l	5		0.65	U			0.65	U			0.65	U
2-Hexanone	591-78-6	ug/l		50	4.8	U			4.8	U			4.8	U
Freon 113	76-13-1	ug/l	5		0.58	U			0.58	U			0.58	U
Ethylbenzene	100-41-4	ug/l	5		0.6	U			0.6	U			0.6	U
trans-1,3-Dichloropropene	10061-02-6	ug/l			0.43	U			0.43	U			0.43	U
cis-1,3-Dichloropropene	10061-01-5	ug/l			0.47	U			0.47	U			0.47	U
1,2-Dichloropropane	78-87-5	ug/l	1		0.51	U			0.51	U			0.51	U
trans-1,2-Dichloroethene	156-60-5	ug/l	5		0.54	U			0.54	U			0.54	U
cis-1,2-Dichloroethene	156-59-2	ug/l	5		0.51	U			0.59	J			0.51	U
1,1-Dichloroethene	75-35-4	ug/l	5		0.59	U			0.59	U			0.59	U
1,2-Dichloroethane	107-06-2	ug/l	0.6		0.6	U			0.6	U			0.6	U
1,1-Dichloroethane	75-34-3	ug/l	5		0.57	U			0.57	U			0.57	U
Dichlorodifluoromethane	75-71-8	ug/l	5		0.56	U			0.56	U			0.56	U
1,4-Dichlorobenzene	106-46-7	ug/l	3		0.51	U			0.51	U			0.51	U
1,3-Dichlorobenzene	541-73-1	ug/l	3		0.54	U			0.54	U			0.54	U
1,2-Dichlorobenzene	95-50-1	ug/l	3		0.53	U			0.53	U			0.53	U
1,2-Dibromoethane	106-93-4	ug/l	0.0006		0.48	U			0.48	U			0.48	U

SGS

SGS Engage - Sample Crosstab

Client Name:			NY TOGS Class GA GW Standards (NYSDEC 6/2004) >=	NY TOGS Class GA GW Std. Guidance Values (NYSDEC 2/2023) >=	SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)	
Job:					JE23732		JE23732		JE23732		JE23732		JE23732	
Client Sample ID:					MW-2		MW-2		MW-3		MW-3		MW-4	
Matrix:					Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Location:														
Sample Date:					11/19/2025 12:52 PM		11/19/2025 12:52 PM		11/19/2025 10:48 AM		11/19/2025 10:48 AM		11/19/2025 2:25 PM	
Analyte	**CAS**	**Unit**			**JE23732-1**		**JE23732-1A**		**JE23732-2**		**JE23732-2A**		**JE23732-3**	
Dibromochloromethane	124-48-1	ug/l		50	0.56	U			0.56	U			0.56	U
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.04		0.53	U			0.53	U			0.53	U
Cyclohexane	110-82-7	ug/l			0.78	U			0.78	U			0.78	U
Chloromethane	74-87-3	ug/l	5		0.76	U			0.76	U			0.76	U
Chloroform	67-66-3	ug/l	7		0.5	U			0.5	U			0.5	U
Chloroethane	75-00-3	ug/l	5		0.73	U			0.73	U			0.73	U
EtFOSAA	2991-50-6	ug/l					0.00095	U			0.00097	U		
Chlorobenzene	108-90-7	ug/l	5		0.56	U			0.56	U			0.56	U
MeFOSAA	2355-31-9	ug/l					0.00053	U			0.00054	U		
Carbon tetrachloride	56-23-5	ug/l	5		0.55	U			0.55	U			0.55	U
Carbon disulfide	75-15-0	ug/l	60	60	1.8	U			1.8	U			1.8	U
PFOSA	754-91-6	ug/l					0.00072	U			0.00073	U		
8:2 Fluorotelomer sulfonate	39108-34-4	ug/l					0.0015	U			0.0015	U		
6:2 Fluorotelomer sulfonate	27619-97-2	ug/l					0.00095	U			0.0011	J		
2-Butanone (MEK)	78-93-3	ug/l		50	2.7	U			2.7	U			2.7	U
Bromomethane	74-83-9	ug/l	5		1.6	U			1.6	U			1.6	U
Bromoform	75-25-2	ug/l		50	0.63	U			0.63	U			0.63	U
Bromodichloromethane	75-27-4	ug/l		50	0.45	U			0.45	U			0.45	U
Bromochloromethane	74-97-5	ug/l	5		0.48	U			0.48	U			0.48	U
Perfluorodecanesulfonic acid	335-77-3	ug/l					0.0011	U			0.0012	U		
Perfluorooctanesulfonic acid	1763-23-1	ug/l		0.0027			0.0103				0.0172			
Benzene	71-43-2	ug/l	1		0.43	U			0.43	U			0.43	U
Perfluoroheptanesulfonic acid	375-92-8	ug/l					0.001	U			0.0013	J		
Perfluorohexanesulfonic acid	355-46-4	ug/l					0.0039				0.0081			
Perfluorobutanesulfonic acid	375-73-5	ug/l					0.0094				0.0066			
Perfluorotetradecanoic acid	376-06-7	ug/l					0.0008	U			0.00081	U		
Perfluorotridecanoic acid	72629-94-8	ug/l					0.00083	U			0.00084	U		
Perfluorododecanoic acid	307-55-1	ug/l					0.00081	U			0.00082	U		
Perfluoroundecanoic acid	2058-94-8	ug/l					0.00058	U			0.00059	U		
Perfluorodecanoic acid	335-76-2	ug/l					0.00066	J			0.00066	U		
Perfluorononanoic acid	375-95-1	ug/l					0.0025				0.0012	J		
Perfluorooctanoic acid	335-67-1	ug/l		0.0067			0.0258				0.0368			
Perfluoroheptanoic acid	375-85-9	ug/l					0.0091				0.0114			
Acetone	67-64-1	ug/l		50	3.1	U			3.1	U			3.1	U
Perfluorohexanoic acid	307-24-4	ug/l					0.0159				0.0358			
Perfluoropentanoic acid	2706-90-3	ug/l					0.0186				0.0277			

SGS Engage - Sample Crosstab

Client Name:			NY TOGS Class GA GW Standards (NYSDEC 6/2004) >=	NY TOGS Class GA GW Std. Guidance Values (NYSDEC 2/2023) >=	SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)	
Job:					JE23732		JE23732		JE23732		JE23732		JE23732	
Client Sample ID:					MW-2		MW-2		MW-3		MW-3		MW-4	
Matrix:					Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Location:														
Sample Date:					11/19/2025 12:52 PM		11/19/2025 12:52 PM		11/19/2025 10:48 AM		11/19/2025 10:48 AM		11/19/2025 2:25 PM	
Analyte	**CAS**	**Unit**			**JE23732-1**		**JE23732-1A**		**JE23732-2**		**JE23732-2A**		**JE23732-3**	
Perfluorobutanoic acid	375-22-4	ug/l					0.016				0.0255			

8 result(s) exceeded regulatory criteria.

SGS

SGS Engage - Sample Crosstab

Client Name:			NY TOGS Class GA GW Standards (NYSDEC 6/2004) >=	NY TOGS Class GA GW Std. Guidance Values (NYSDEC 2/2023) >=	SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)	
Job:					JE23732		JE23732		JE23732		JE23732		JE23732	
Client Sample ID:					MW-4		DUP		DUP		FB 2025.11.19		FB 2025.11.19	
Matrix:					Ground Water		Ground Water		Ground Water		Field Blank Water		Field Blank Water	
Location:														
Sample Date:					11/19/2025 2:25 PM		11/19/2025 10:50 AM		11/19/2025 10:50 AM		11/19/2025 2:30 PM		11/19/2025 2:30 PM	
Analyte	**CAS**	**Unit**			**JE23732-3A**		**JE23732-4**		**JE23732-4A**		**JE23732-5**		**JE23732-5A**	
Xylene (total)	1330-20-7	ug/l	5				0.59	U			0.59	U		
o-Xylene	95-47-6	ug/l	5				0.59	U			0.59	U		
m,p-Xylene	M,P-XYLENE	ug/l					0.78	U			0.78	U		
Vinyl chloride	75-01-4	ug/l	2				0.52	U			0.52	U		
Trichlorofluoromethane	75-69-4	ug/l	5				0.4	U			0.4	U		
Trichloroethene	79-01-6	ug/l	5				0.53	U			0.53	U		
1,1,2-Trichloroethane	79-00-5	ug/l	1				0.53	U			0.53	U		
1,1,1-Trichloroethane	71-55-6	ug/l	5				0.54	U			0.54	U		
1,2,4-Trichlorobenzene	120-82-1	ug/l	5				0.5	U			0.5	U		
1,2,3-Trichlorobenzene	87-61-6	ug/l	5				0.5	U			0.5	U		
Toluene	108-88-3	ug/l	5				0.49	U			0.49	U		
Tetrachloroethene	127-18-4	ug/l	5				0.56	U			0.56	U		
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	5				0.65	U			0.65	U		
Styrene	100-42-5	ug/l	5				0.49	U			0.49	U		
Methylene chloride	75-09-2	ug/l	5				1	U			1	U		
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/l					4.9	U			4.9	U		
Methyl Tert Butyl Ether	1634-04-4	ug/l	10	10			0.51	U			0.51	U		
Methylcyclohexane	108-87-2	ug/l					0.6	U			0.6	U		
Methyl Acetate	79-20-9	ug/l					0.8	U			0.8	U		
Isopropylbenzene	98-82-8	ug/l	5				0.65	U			0.65	U		
2-Hexanone	591-78-6	ug/l		50			4.8	U			4.8	U		
Freon 113	76-13-1	ug/l	5				0.58	U			0.58	U		
Ethylbenzene	100-41-4	ug/l	5				0.6	U			0.6	U		
trans-1,3-Dichloropropene	10061-02-6	ug/l					0.43	U			0.43	U		
cis-1,3-Dichloropropene	10061-01-5	ug/l					0.47	U			0.47	U		
1,2-Dichloropropane	78-87-5	ug/l	1				0.51	U			0.51	U		
trans-1,2-Dichloroethene	156-60-5	ug/l	5				0.54	U			0.54	U		
cis-1,2-Dichloroethene	156-59-2	ug/l	5				0.54	J			0.51	U		
1,1-Dichloroethene	75-35-4	ug/l	5				0.59	U			0.59	U		
1,2-Dichloroethane	107-06-2	ug/l	0.6				0.6	U			0.6	U		
1,1-Dichloroethane	75-34-3	ug/l	5				0.57	U			0.57	U		
Dichlorodifluoromethane	75-71-8	ug/l	5				0.56	U			0.56	U		
1,4-Dichlorobenzene	106-46-7	ug/l	3				0.51	U			0.51	U		
1,3-Dichlorobenzene	541-73-1	ug/l	3				0.54	U			0.54	U		
1,2-Dichlorobenzene	95-50-1	ug/l	3				0.53	U			0.53	U		
1,2-Dibromoethane	106-93-4	ug/l	0.0006				0.48	U			0.48	U		

SGS

SGS Engage - Sample Crosstab

Client Name:			NY TOGS Class GA GW Standards (NYSDEC 6/2004) >=	NY TOGS Class GA GW Std. Guidance Values (NYSDEC 2/2023) >=	SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)	
Job:					JE23732		JE23732		JE23732		JE23732		JE23732	
Client Sample ID:					MW-4		DUP		DUP		FB 2025.11.19		FB 2025.11.19	
Matrix:					Ground Water		Ground Water		Ground Water		Field Blank Water		Field Blank Water	
Location:														
Sample Date:					11/19/2025 2:25 PM		11/19/2025 10:50 AM		11/19/2025 10:50 AM		11/19/2025 2:30 PM		11/19/2025 2:30 PM	
Analyte	**CAS**	**Unit**			**JE23732-3A**		**JE23732-4**		**JE23732-4A**		**JE23732-5**		**JE23732-5A**	
Dibromochloromethane	124-48-1	ug/l		50			0.56	U			0.56	U		
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.04				0.53	U			0.53	U		
Cyclohexane	110-82-7	ug/l					0.78	U			0.78	U		
Chloromethane	74-87-3	ug/l	5				0.76	U			0.76	U		
Chloroform	67-66-3	ug/l	7				0.5	U			0.5	U		
Chloroethane	75-00-3	ug/l	5				0.73	U			0.73	U		
EtFOSAA	2991-50-6	ug/l			0.00097	U			0.00098	U			0.00099	U
Chlorobenzene	108-90-7	ug/l	5				0.56	U			0.56	U		
MeFOSAA	2355-31-9	ug/l			0.00054	U			0.00055	U			0.00056	U
Carbon tetrachloride	56-23-5	ug/l	5				0.55	U			0.55	U		
Carbon disulfide	75-15-0	ug/l	60	60			1.8	U			1.8	U		
PFOSA	754-91-6	ug/l			0.00074	U			0.00074	U			0.00075	U
8:2 Fluorotelomer sulfonate	39108-34-4	ug/l			0.0015	U			0.0016	U			0.0016	U
6:2 Fluorotelomer sulfonate	27619-97-2	ug/l			0.00097	U			0.00098	U			0.00099	U
2-Butanone (MEK)	78-93-3	ug/l		50			2.7	U			2.7	U		
Bromomethane	74-83-9	ug/l	5				1.6	U			1.6	U		
Bromoform	75-25-2	ug/l		50			0.63	U			0.63	U		
Bromodichloromethane	75-27-4	ug/l		50			0.45	U			0.45	U		
Bromochloromethane	74-97-5	ug/l	5				0.48	U			0.48	U		
Perfluorodecanesulfonic acid	335-77-3	ug/l			0.0012	U			0.0012	U			0.0012	U
Perfluorooctanesulfonic acid	1763-23-1	ug/l		0.0027	0.0111				0.0136				0.00047	U
Benzene	71-43-2	ug/l	1				0.43	U			0.43	U		
Perfluoroheptanesulfonic acid	375-92-8	ug/l			0.001	U			0.0011	U			0.0011	U
Perfluorohexanesulfonic acid	355-46-4	ug/l			0.0056				0.0079				0.0012	U
Perfluorobutanesulfonic acid	375-73-5	ug/l			0.0023				0.0044				0.00072	U
Perfluorotetradecanoic acid	376-06-7	ug/l			0.00081	U			0.00082	U			0.00083	U
Perfluorotridecanoic acid	72629-94-8	ug/l			0.00084	U			0.00085	U			0.00086	U
Perfluorododecanoic acid	307-55-1	ug/l			0.00082	U			0.00083	U			0.00084	U
Perfluoroundecanoic acid	2058-94-8	ug/l			0.00059	U			0.00059	U			0.0006	U
Perfluorodecanoic acid	335-76-2	ug/l			0.00066	U			0.00067	U			0.00068	U
Perfluorononanoic acid	375-95-1	ug/l			0.0018	J			0.0013	J			0.00044	U
Perfluorooctanoic acid	335-67-1	ug/l		0.0067	0.0229				0.0293				0.00082	U
Perfluoroheptanoic acid	375-85-9	ug/l			0.0103				0.0099				0.00055	U
Acetone	67-64-1	ug/l		50			3.1	U			3.1	U		
Perfluorohexanoic acid	307-24-4	ug/l			0.0155				0.0265				0.00032	U
Perfluoropentanoic acid	2706-90-3	ug/l			0.025				0.0211				0.0008	U

SGS Engage - Sample Crosstab

Client Name:			NY TOGS Class GA GW Standards (NYSDEC 6/2004) >=	NY TOGS Class GA GW Std. Guidance Values (NYSDEC 2/2023) >=	SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)		SESI Consulting Engineers (Parsippany, NJ)	
Job:					JE23732		JE23732		JE23732		JE23732		JE23732	
Client Sample ID:					MW-4		DUP		DUP		FB 2025.11.19		FB 2025.11.19	
Matrix:					Ground Water		Ground Water		Ground Water		Field Blank Water		Field Blank Water	
Location:														
Sample Date:					11/19/2025 2:25 PM		11/19/2025 10:50 AM		11/19/2025 10:50 AM		11/19/2025 2:30 PM		11/19/2025 2:30 PM	
Analyte	**CAS**	**Unit**			**JE23732-3A**		**JE23732-4**		**JE23732-4A**		**JE23732-5**		**JE23732-5A**	
Perfluorobutanoic acid	375-22-4	ug/l			0.0114				0.0176				0.001	U
8 result(s) exceeded regulatory criteria.														

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SESI Consulting Engineers

12365C, 130 Midland Ave, Port Chester, NY

SGS Job Number: JE23732

Sampling Date: 11/19/25

Report to:

SESI Consulting Engineers
959 Route 46E 3rd Floor
Parsippany, NJ 07054
sharon.cashel@sesi.org; ssg@sesi.org

ATTN: Steve Gustems

Total number of pages in report: 69

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Louie Devletter 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

How did we do today?
Your feedback helps us improve our service and takes less than a minute to complete.
START SURVEY

SGS is the sole authority for authorizing edits or modifications to this document.
Unauthorized modification of this report is strictly prohibited.
Review standard terms at: http://www.sgs.com/en/terms-and-conditions

Please share your ideas about how we can serve you better at:
EHS.US.CustomerCare@sgs.com

Sections: 1 2 3 4 5 6 7

Table of Contents

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Summary of Hits **5**
Section 4: Sample Results **7**
4.1: JE23732-1: MW-2 8
4.2: JE23732-1A: MW-2 10
4.3: JE23732-2: MW-3 12
4.4: JE23732-2A: MW-3 14
4.5: JE23732-3: MW-4 16
4.6: JE23732-3A: MW-4 18
4.7: JE23732-4: DUP 20
4.8: JE23732-4A: DUP 22
4.9: JE23732-5: FB 2025.11.19 24
4.10: JE23732-5A: FB 2025.11.19 26
Section 5: Misc. Forms **28**
5.1: Chain of Custody 29
Section 6: MS Volatiles - QC Data Summaries **32**
6.1: Method Blank Summary 33
6.2: Blank Spike Summary 37
6.3: Matrix Spike/Matrix Spike Duplicate Summary 41
6.4: Instrument Performance Checks (BFB) 45
6.5: Surrogate Recovery Summaries 51
Section 7: MS Semi-volatiles - QC Data Summaries **52**
7.1: Method Blank Summary 53
7.2: Blank Spike Summary 61
7.3: Duplicate Summary 65
7.4: Isotope Dilution Standard Recovery Summaries 67

SGS North America Inc.

Sample Summary

SESI Consulting Engineers

Job No: JE23732

12365C, 130 Midland Ave, Port Chester, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies: Organics ND = Not detected above the MDL							
JE23732-1	11/19/25	12:52	DA	11/19/25	AQ	Ground Water	MW-2
JE23732-1A	11/19/25	12:52	DA	11/19/25	AQ	Ground Water	MW-2
JE23732-2	11/19/25	10:48	DA	11/19/25	AQ	Ground Water	MW-3
JE23732-2A	11/19/25	10:48	DA	11/19/25	AQ	Ground Water	MW-3
JE23732-3	11/19/25	14:25	DA	11/19/25	AQ	Ground Water	MW-4
JE23732-3A	11/19/25	14:25	DA	11/19/25	AQ	Ground Water	MW-4
JE23732-4	11/19/25	10:50	DA	11/19/25	AQ	Ground Water	DUP
JE23732-4A	11/19/25	10:50	DA	11/19/25	AQ	Ground Water	DUP
JE23732-5	11/19/25	14:30	DA	11/19/25	AQ	Field Blank Water	FB 2025.11.19
JE23732-5A	11/19/25	14:30	DA	11/19/25	AQ	Field Blank Water	FB 2025.11.19

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	SESI Consulting Engineers	**Job No:**	JE23732
Site:	12365C, 130 Midland Ave, Port Chester, NY	**Report Date**	12/8/2025 11:52:07 A

On 11/19/2025, 4 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 1 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 1.4 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE23732 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1R720

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE23773-1MS, JE23773-1MSD were used as the QC samples indicated.
- The matrix spike (MS) recovery(s) of Chlorobenzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- The matrix spike duplicate (MSD) recovery(s) of Styrene are outside control limits. Probable cause due to matrix interference.
- JE23773-1MS for Styrene: Outside control limits due to matrix interference.

Matrix: AQ **Batch ID:** V2R720

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE23801-2MS, JE23801-2MSD were used as the QC samples indicated.

MS Semi-volatiles By Method EPA 1633

Matrix: AQ **Batch ID:** OP69226

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE23556-1DUP were used as the QC samples indicated.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JE23732
Account: SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY
Collected: 11/19/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE23732-1	**MW-2**					
No hits reported in this sample.						
JE23732-1A	**MW-2**					
Perfluorobutanoic acid		0.0160	0.0084	0.00097	ug/l	EPA 1633
Perfluoropentanoic acid		0.0186	0.0042	0.00077	ug/l	EPA 1633
Perfluorohexanoic acid		0.0159	0.0021	0.00030	ug/l	EPA 1633
Perfluoroheptanoic acid		0.0091	0.0021	0.00052	ug/l	EPA 1633
Perfluorooctanoic acid		0.0258	0.0021	0.00079	ug/l	EPA 1633
Perfluorononanoic acid		0.0025	0.0021	0.00042	ug/l	EPA 1633
Perfluorodecanoic acid		0.00066 J	0.0021	0.00065	ug/l	EPA 1633
Perfluorobutanesulfonic acid		0.0094	0.0021	0.00069	ug/l	EPA 1633
Perfluorohexanesulfonic acid		0.0039	0.0021	0.0012	ug/l	EPA 1633
Perfluorooctanesulfonic acid		0.0103	0.0021	0.00045	ug/l	EPA 1633
JE23732-2	**MW-3**					
cis-1,2-Dichloroethene		0.59 J	1.0	0.51	ug/l	SW846 8260D
JE23732-2A	**MW-3**					
Perfluorobutanoic acid		0.0255	0.0085	0.00099	ug/l	EPA 1633
Perfluoropentanoic acid		0.0277	0.0043	0.00078	ug/l	EPA 1633
Perfluorohexanoic acid		0.0358	0.0021	0.00031	ug/l	EPA 1633
Perfluoroheptanoic acid		0.0114	0.0021	0.00053	ug/l	EPA 1633
Perfluorooctanoic acid		0.0368	0.0021	0.00080	ug/l	EPA 1633
Perfluorononanoic acid		0.0012 J	0.0021	0.00043	ug/l	EPA 1633
Perfluorobutanesulfonic acid		0.0066	0.0021	0.00070	ug/l	EPA 1633
Perfluorohexanesulfonic acid		0.0081	0.0021	0.0012	ug/l	EPA 1633
Perfluoroheptanesulfonic acid		0.0013 J	0.0021	0.0010	ug/l	EPA 1633
Perfluorooctanesulfonic acid		0.0172	0.0021	0.00046	ug/l	EPA 1633
6:2 Fluorotelomer sulfonate		0.0011 J	0.0085	0.00097	ug/l	EPA 1633
JE23732-3	**MW-4**					
No hits reported in this sample.						
JE23732-3A	**MW-4**					
Perfluorobutanoic acid		0.0114	0.0085	0.00099	ug/l	EPA 1633
Perfluoropentanoic acid		0.0250	0.0043	0.00078	ug/l	EPA 1633
Perfluorohexanoic acid		0.0155	0.0021	0.00031	ug/l	EPA 1633
Perfluoroheptanoic acid		0.0103	0.0021	0.00053	ug/l	EPA 1633

Summary of Hits

Job Number: JE23732
Account: SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY
Collected: 11/19/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Perfluorooctanoic acid		0.0229	0.0021	0.00080	ug/l	EPA 1633
Perfluorononanoic acid		0.0018 J	0.0021	0.00043	ug/l	EPA 1633
Perfluorobutanesulfonic acid		0.0023	0.0021	0.00070	ug/l	EPA 1633
Perfluorohexanesulfonic acid		0.0056	0.0021	0.0012	ug/l	EPA 1633
Perfluorooctanesulfonic acid		0.0111	0.0021	0.00046	ug/l	EPA 1633
JE23732-4	**DUP**					
cis-1,2-Dichloroethene		0.54 J	1.0	0.51	ug/l	SW846 8260D
JE23732-4A	**DUP**					
Perfluorobutanoic acid		0.0176	0.0086	0.0010	ug/l	EPA 1633
Perfluoropentanoic acid		0.0211	0.0043	0.00078	ug/l	EPA 1633
Perfluorohexanoic acid		0.0265	0.0022	0.00031	ug/l	EPA 1633
Perfluoroheptanoic acid		0.0099	0.0022	0.00054	ug/l	EPA 1633
Perfluorooctanoic acid		0.0293	0.0022	0.00081	ug/l	EPA 1633
Perfluorononanoic acid		0.0013 J	0.0022	0.00043	ug/l	EPA 1633
Perfluorobutanesulfonic acid		0.0044	0.0022	0.00071	ug/l	EPA 1633
Perfluorohexanesulfonic acid		0.0079	0.0022	0.0012	ug/l	EPA 1633
Perfluorooctanesulfonic acid		0.0136	0.0022	0.00046	ug/l	EPA 1633
JE23732-5	**FB 2025.11.19**					
No hits reported in this sample.						
JE23732-5A	**FB 2025.11.19**					
No hits reported in this sample.						

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JE23732-1	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2R24127.D	1	12/01/25 16:39	ED	n/a	n/a	V2R720
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JE23732-1	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		80-120%
17060-07-0	1,2-Dichloroethane-D4	96%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-2
Lab Sample ID: JE23732-1A
Matrix: AQ - Ground Water
Method: EPA 1633 EPA 1633
Project: 12365C, 130 Midland Ave, Port Chester, NY

Date Sampled: 11/19/25
Date Received: 11/19/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Q39188.D	1	11/22/25 05:33	AM	11/21/25 11:00	OP69226	T2Q469
Run #2							

	Initial Volume	Final Volume
Run #1	477 ml	5.0 ml
Run #2		

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0160	0.0084	0.00097	ug/l	
2706-90-3	Perfluoropentanoic acid	0.0186	0.0042	0.00077	ug/l	
307-24-4	Perfluorohexanoic acid	0.0159	0.0021	0.00030	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0091	0.0021	0.00052	ug/l	
335-67-1	Perfluorooctanoic acid	0.0258	0.0021	0.00079	ug/l	
375-95-1	Perfluorononanoic acid	0.0025	0.0021	0.00042	ug/l	
335-76-2	Perfluorodecanoic acid	0.00066	0.0021	0.00065	ug/l	J
2058-94-8	Perfluoroundecanoic acid	ND	0.0021	0.00058	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0021	0.00081	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0021	0.00083	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0021	0.00080	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0094	0.0021	0.00069	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0039	0.0021	0.0012	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0021	0.0010	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0103	0.0021	0.00045	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0021	0.0011	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0084	0.00095	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0084	0.0015	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0021	0.00072	ug/l	
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0021	0.00053	ug/l	
2991-50-6	EtFOSAA	ND	0.0021	0.00095	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JE23732-1A	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

PFAS List

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	37%		5-130%
	13C5-PFPeA	91%		40-130%
	13C5-PFHxA	95%		40-130%
	13C4-PFHpA	103%		40-130%
	13C8-PFOA	94%		40-130%
	13C9-PFNA	93%		40-130%
	13C6-PFDA	102%		40-130%
	13C7-PFUnDA	100%		30-130%
	13C2-PFDoDA	96%		10-130%
	13C2-PFTeDA	96%		10-130%
	13C3-PFBS	105%		40-135%
	13C3-PFHxS	95%		40-130%
	13C8-PFOS	93%		40-130%
	13C8-FOSA	100%		40-130%
	d3-MeFOSAA	105%		40-170%
	d5-EtFOSAA	98%		25-135%
	13C2-6:2FTS	173%		40-200%
	13C2-8:2FTS	174%		40-300%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JE23732-2	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1R24128.D	1	12/01/25 16:56	ED	n/a	n/a	V1R720
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.59	1.0	0.51	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JE23732-2	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-120%
17060-07-0	1,2-Dichloroethane-D4	98%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-3
Lab Sample ID: JE23732-2A
Matrix: AQ - Ground Water
Method: EPA 1633 EPA 1633
Project: 12365C, 130 Midland Ave, Port Chester, NY

Date Sampled: 11/19/25
Date Received: 11/19/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Q39189.D	1	11/22/25 05:48	AM	11/21/25 11:00	OP69226	T2Q469
Run #2							

	Initial Volume	Final Volume
Run #1	470 ml	5.0 ml
Run #2		

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0255	0.0085	0.00099	ug/l	
2706-90-3	Perfluoropentanoic acid	0.0277	0.0043	0.00078	ug/l	
307-24-4	Perfluorohexanoic acid	0.0358	0.0021	0.00031	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0114	0.0021	0.00053	ug/l	
335-67-1	Perfluorooctanoic acid	0.0368	0.0021	0.00080	ug/l	
375-95-1	Perfluorononanoic acid	0.0012	0.0021	0.00043	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0021	0.00066	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0021	0.00059	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0021	0.00082	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0021	0.00084	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0021	0.00081	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0066	0.0021	0.00070	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0081	0.0021	0.0012	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	0.0013	0.0021	0.0010	ug/l	J
1763-23-1	Perfluorooctanesulfonic acid	0.0172	0.0021	0.00046	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0021	0.0012	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
27619-97-2	6:2 Fluorotelomer sulfonate	0.0011	0.0085	0.00097	ug/l	J
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0085	0.0015	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0021	0.00073	ug/l	
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0021	0.00054	ug/l	
2991-50-6	EtFOSAA	ND	0.0021	0.00097	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JE23732-2A	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

PFAS List

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	66%		5-130%
	13C5-PFPeA	105%		40-130%
	13C5-PFHxA	93%		40-130%
	13C4-PFHpA	105%		40-130%
	13C8-PFOA	91%		40-130%
	13C9-PFNA	91%		40-130%
	13C6-PFDA	97%		40-130%
	13C7-PFUnDA	91%		30-130%
	13C2-PFDoDA	87%		10-130%
	13C2-PFTeDA	81%		10-130%
	13C3-PFBS	83%		40-135%
	13C3-PFHxS	77%		40-130%
	13C8-PFOS	94%		40-130%
	13C8-FOSA	101%		40-130%
	d3-MeFOSAA	106%		40-170%
	d5-EtFOSAA	100%		25-135%
	13C2-6:2FTS	160%		40-200%
	13C2-8:2FTS	157%		40-300%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-4
Lab Sample ID: JE23732-3
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: 12365C, 130 Midland Ave, Port Chester, NY

Date Sampled: 11/19/25
Date Received: 11/19/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2R24129.D	1	12/01/25 17:13	ED	n/a	n/a	V2R720
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	JE23732-3	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-120%
17060-07-0	1,2-Dichloroethane-D4	97%		80-120%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-4
Lab Sample ID: JE23732-3A
Matrix: AQ - Ground Water
Method: EPA 1633 EPA 1633
Project: 12365C, 130 Midland Ave, Port Chester, NY

Date Sampled: 11/19/25
Date Received: 11/19/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Q39190.D	1	11/22/25 06:02	AM	11/21/25 11:00	OP69226	T2Q469
Run #2							

	Initial Volume	Final Volume
Run #1	469 ml	5.0 ml
Run #2		

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0114	0.0085	0.00099	ug/l	
2706-90-3	Perfluoropentanoic acid	0.0250	0.0043	0.00078	ug/l	
307-24-4	Perfluorohexanoic acid	0.0155	0.0021	0.00031	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0103	0.0021	0.00053	ug/l	
335-67-1	Perfluorooctanoic acid	0.0229	0.0021	0.00080	ug/l	
375-95-1	Perfluorononanoic acid	0.0018	0.0021	0.00043	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0021	0.00066	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0021	0.00059	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0021	0.00082	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0021	0.00084	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0021	0.00081	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0023	0.0021	0.00070	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0056	0.0021	0.0012	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0021	0.0010	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0111	0.0021	0.00046	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0021	0.0012	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0085	0.00097	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0085	0.0015	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0021	0.00074	ug/l	
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0021	0.00054	ug/l	
2991-50-6	EtFOSAA	ND	0.0021	0.00097	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	JE23732-3A	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

PFAS List

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	91%		5-130%
	13C5-PFPeA	97%		40-130%
	13C5-PFHxA	94%		40-130%
	13C4-PFHpA	99%		40-130%
	13C8-PFOA	94%		40-130%
	13C9-PFNA	95%		40-130%
	13C6-PFDA	89%		40-130%
	13C7-PFUnDA	89%		30-130%
	13C2-PFDoDA	84%		10-130%
	13C2-PFTeDA	91%		10-130%
	13C3-PFBS	94%		40-135%
	13C3-PFHxS	87%		40-130%
	13C8-PFOS	89%		40-130%
	13C8-FOSA	85%		40-130%
	d3-MeFOSAA	93%		40-170%
	d5-EtFOSAA	88%		25-135%
	13C2-6:2FTS	103%		40-200%
	13C2-8:2FTS	110%		40-300%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	JE23732-4	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1R24144.D	1	12/01/25 21:22	ED	n/a	n/a	V1R720
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.54	1.0	0.51	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	JE23732-4	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		80-120%
17060-07-0	1,2-Dichloroethane-D4	98%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	97%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP
Lab Sample ID: JE23732-4A
Matrix: AQ - Ground Water
Method: EPA 1633 EPA 1633
Project: 12365C, 130 Midland Ave, Port Chester, NY

Date Sampled: 11/19/25
Date Received: 11/19/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Q39191.D	1	11/22/25 06:17	AM	11/21/25 11:00	OP69226	T2Q469
Run #2							

	Initial Volume	Final Volume
Run #1	465 ml	5.0 ml
Run #2		

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0176	0.0086	0.0010	ug/l	
2706-90-3	Perfluoropentanoic acid	0.0211	0.0043	0.00078	ug/l	
307-24-4	Perfluorohexanoic acid	0.0265	0.0022	0.00031	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0099	0.0022	0.00054	ug/l	
335-67-1	Perfluorooctanoic acid	0.0293	0.0022	0.00081	ug/l	
375-95-1	Perfluorononanoic acid	0.0013	0.0022	0.00043	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0022	0.00067	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0022	0.00059	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0022	0.00083	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0022	0.00085	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0022	0.00082	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0044	0.0022	0.00071	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0079	0.0022	0.0012	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0022	0.0011	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0136	0.0022	0.00046	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0022	0.0012	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0086	0.00098	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0086	0.0016	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0022	0.00074	ug/l	
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0022	0.00055	ug/l	
2991-50-6	EtFOSAA	ND	0.0022	0.00098	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	JE23732-4A	**Date Sampled:**	11/19/25
Matrix:	AQ - Ground Water	**Date Received:**	11/19/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

PFAS List

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	71%		5-130%
	13C5-PFPeA	98%		40-130%
	13C5-PFHxA	85%		40-130%
	13C4-PFHpA	95%		40-130%
	13C8-PFOA	91%		40-130%
	13C9-PFNA	89%		40-130%
	13C6-PFDA	96%		40-130%
	13C7-PFUnDA	91%		30-130%
	13C2-PFDoDA	82%		10-130%
	13C2-PFTeDA	90%		10-130%
	13C3-PFBS	90%		40-135%
	13C3-PFHxS	87%		40-130%
	13C8-PFOS	95%		40-130%
	13C8-FOSA	93%		40-130%
	d3-MeFOSAA	98%		40-170%
	d5-EtFOSAA	94%		25-135%
	13C2-6:2FTS	141%		40-200%
	13C2-8:2FTS	142%		40-300%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB 2025.11.19		
Lab Sample ID:	JE23732-5	**Date Sampled:**	11/19/25
Matrix:	AQ - Field Blank Water	**Date Received:**	11/19/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1R24140.D	1	12/01/25 20:15	ED	n/a	n/a	V1R720
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB 2025.11.19		
Lab Sample ID:	JE23732-5	**Date Sampled:**	11/19/25
Matrix:	AQ - Field Blank Water	**Date Received:**	11/19/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-120%
17060-07-0	1,2-Dichloroethane-D4	97%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB 2025.11.19		
Lab Sample ID:	JE23732-5A	**Date Sampled:**	11/19/25
Matrix:	AQ - Field Blank Water	**Date Received:**	11/19/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Q39171.D	1	11/22/25 01:29	AM	11/21/25 11:00	OP69226	T2Q469
Run #2							

	Initial Volume	Final Volume
Run #1	458 ml	5.0 ml
Run #2		

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.0087	0.0010	ug/l	
2706-90-3	Perfluoropentanoic acid	ND	0.0044	0.00080	ug/l	
307-24-4	Perfluorohexanoic acid	ND	0.0022	0.00032	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.0022	0.00055	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.0022	0.00082	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.0022	0.00044	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.0022	0.00068	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0022	0.00060	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0022	0.00084	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0022	0.00086	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0022	0.00083	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.0022	0.00072	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.0022	0.0012	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0022	0.0011	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.0022	0.00047	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0022	0.0012	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0087	0.00099	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0087	0.0016	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0022	0.00075	ug/l	
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0022	0.00056	ug/l	
2991-50-6	EtFOSAA	ND	0.0022	0.00099	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB 2025.11.19		
Lab Sample ID:	JE23732-5A	**Date Sampled:**	11/19/25
Matrix:	AQ - Field Blank Water	**Date Received:**	11/19/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	12365C, 130 Midland Ave, Port Chester, NY		

PFAS List

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		5-130%
	13C5-PFPeA	92%		40-130%
	13C5-PFHxA	93%		40-130%
	13C4-PFHpA	91%		40-130%
	13C8-PFOA	89%		40-130%
	13C9-PFNA	91%		40-130%
	13C6-PFDA	94%		40-130%
	13C7-PFUnDA	94%		30-130%
	13C2-PFDoDA	84%		10-130%
	13C2-PFTeDA	86%		10-130%
	13C3-PFBS	96%		40-135%
	13C3-PFHxS	82%		40-130%
	13C8-PFOS	87%		40-130%
	13C8-FOSA	80%		40-130%
	d3-MeFOSAA	103%		40-170%
	d5-EtFOSAA	86%		25-135%
	13C2-6:2FTS	113%		40-200%
	13C2-8:2FTS	108%		40-300%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

EHSA-QAC-0023-04-FORM-Standard COC

Page 1 of 1

GW

PM

FED-EX Tracking #:
Bottle Order Control #: 707117725-198
SGS Quote #:
SGS Job #: JE23732

Client / Reporting Information

Company Name: SESI Consulting Engineers
Street Address: 757 US-46
City: Parsippany State: NJ Zip: 07054
Project Contact: Sharon Toshel E-mail:
Phone #: 973 518 8530
Sampler(s) Name(s): David Agudelo Phone #:

Project Information

Project Name: 130 Midland Ave
Street: 130 Midland Ave
City: Port Chester State: NY
Project #: 12365 C
Client Purchase Order #:
Project Manager:
Attention:

Billing Information (If different from Report to)
Company Name:
Street Address:
City: State: Zip:

Requested Analysis

TCL VOCs
PFAS

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chemical ed (Y/N)	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
1	MW-2		11/10/25	12:52	DA	G	N	GW										X	MS2
2	MW-3			10:48														X	MS&TS
3	MW-4			2:25															
4	DUP			10:50							1#								
5	FB 2025.11.19			2:30							"							X	
	Trip Blank																		

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- 10 Business Days
- 5 Business Days
- 3 Business Days*
- 2 Business Days*
- 1 Business Day*
- Other SESI Standard

All data available via Lablink

* Approval needed for 1-3 Business Day TAT

Deliverable

- Commercial "A" (Level 1)
- Commercial "B" (Level 2)
- NJ Reduced (Level 3)
- Full Tier I (Level 4)
- Commercial "C"
- NJ DKQP
- NYASP Category A
- NYASP Category B
- MA MCP Criteria
- CT RCP Criteria
- State Forms
- EDD Format
- DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

- Copy SSG@SESI.org

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	David Agudelo	11/19/25		2	11/19/25 1845	2
3			3	4		4
5			5			

Custody Seal #: SGS COURIER
Not Intact / Absent
Therm ID: See Sample Receipt Summary
On Ice
Cooler Temp. °C: 1.3

JB50

SGS Sample Receipt Summary

Job Number: je23732 **Client:** SESI CONSULTING ENGINEERS **Project:** 12365C, NY

Date / Time Received: 11/19/2025 6:43:00 PM **Delivery Method:** sgs **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.3);

Cooler Temps (Corrected) °C: Cooler 1: (1.4);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments: No VOA volumes received for any sample. Only PFAS volumes received for -1 thru -5

Responded to by: Louie DeVletter

Response Date: 11/24/2025

VOA volume received 11/21. Analyze all samples for V8260TCL20.

MS Volatiles

6

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R720-MB	2R24111.D	1	12/01/25	ED	n/a	n/a	V2R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-1, JE23732-3

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	

Method Blank Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R720-MB	2R24111.D	1	12/01/25	ED	n/a	n/a	V2R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-1, JE23732-3

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	80-120%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	101%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1R720-MB	1R24112.D	1	12/01/25	ED	n/a	n/a	V1R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-2, JE23732-4, JE23732-5

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	

Method Blank Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1R720-MB	1R24112.D	1	12/01/25	ED	n/a	n/a	V1R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-2, JE23732-4, JE23732-5

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	102%	80-120%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	98%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1R720-BS	1R24108.D	1	12/01/25	ED	n/a	n/a	V1R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-2, JE23732-4, JE23732-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	236	118	27-175
71-43-2	Benzene	50	50.5	101	80-115
74-97-5	Bromochloromethane	50	51.5	103	83-122
75-27-4	Bromodichloromethane	50	48.1	96	82-119
75-25-2	Bromoform	50	52.3	105	77-135
74-83-9	Bromomethane	50	46.6	93	40-162
78-93-3	2-Butanone (MEK)	200	227	114	61-150
75-15-0	Carbon disulfide	50	52.6	105	64-130
56-23-5	Carbon tetrachloride	50	57.5	115	75-127
108-90-7	Chlorobenzene	50	48.1	96	80-115
75-00-3	Chloroethane	50	47.3	95	56-144
67-66-3	Chloroform	50	48.3	97	75-116
74-87-3	Chloromethane	50	48.5	97	41-153
110-82-7	Cyclohexane	50	59.1	118	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	49.0	98	69-134
124-48-1	Dibromochloromethane	50	51.4	103	81-123
106-93-4	1,2-Dibromoethane	50	51.4	103	67-138
95-50-1	1,2-Dichlorobenzene	50	47.0	94	81-117
541-73-1	1,3-Dichlorobenzene	50	47.5	95	81-115
106-46-7	1,4-Dichlorobenzene	50	46.5	93	80-114
75-71-8	Dichlorodifluoromethane	50	50.5	101	43-152
75-34-3	1,1-Dichloroethane	50	50.9	102	75-125
107-06-2	1,2-Dichloroethane	50	48.0	96	73-117
75-35-4	1,1-Dichloroethene	50	56.2	112	70-124
156-59-2	cis-1,2-Dichloroethene	50	52.4	105	80-120
156-60-5	trans-1,2-Dichloroethene	50	53.4	107	77-121
78-87-5	1,2-Dichloropropane	50	52.6	105	79-121
10061-01-5	cis-1,3-Dichloropropene	50	52.3	105	83-123
10061-02-6	trans-1,3-Dichloropropene	50	53.3	107	83-122
100-41-4	Ethylbenzene	50	47.1	94	78-116
76-13-1	Freon 113	50	59.7	119	68-134
591-78-6	2-Hexanone	200	193	97	66-136
98-82-8	Isopropylbenzene	50	47.8	96	78-121
79-20-9	Methyl Acetate	50	57.8	116	60-143
108-87-2	Methylcyclohexane	50	52.9	106	71-123
1634-04-4	Methyl Tert Butyl Ether	50	59.2	118	76-123

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1R720-BS	1R24108.D	1	12/01/25	ED	n/a	n/a	V1R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-2, JE23732-4, JE23732-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	200	100	73-134
75-09-2	Methylene chloride	50	52.2	104	73-123
100-42-5	Styrene	50	47.3	95	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	48.2	96	73-126
127-18-4	Tetrachloroethene	50	52.9	106	73-119
108-88-3	Toluene	50	48.4	97	79-116
87-61-6	1,2,3-Trichlorobenzene	50	47.5	95	63-137
120-82-1	1,2,4-Trichlorobenzene	50	49.5	99	68-135
71-55-6	1,1,1-Trichloroethane	50	53.7	107	76-124
79-00-5	1,1,2-Trichloroethane	50	53.1	106	83-117
79-01-6	Trichloroethene	50	53.4	107	80-118
75-69-4	Trichlorofluoromethane	50	53.1	106	67-134
75-01-4	Vinyl chloride	50	51.8	104	52-146
	m,p-Xylene	100	95.9	96	79-119
95-47-6	o-Xylene	50	45.2	90	81-119
1330-20-7	Xylene (total)	150	141	94	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	95%	80-120%
2037-26-5	Toluene-D8	96%	80-120%
460-00-4	4-Bromofluorobenzene	102%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R720-BS	2R24109.D	1	12/01/25	ED	n/a	n/a	V2R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-1, JE23732-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	250	125	27-175
71-43-2	Benzene	50	51.3	103	80-115
74-97-5	Bromochloromethane	50	53.6	107	83-122
75-27-4	Bromodichloromethane	50	49.8	100	82-119
75-25-2	Bromoform	50	51.2	102	77-135
74-83-9	Bromomethane	50	44.9	90	40-162
78-93-3	2-Butanone (MEK)	200	226	113	61-150
75-15-0	Carbon disulfide	50	53.5	107	64-130
56-23-5	Carbon tetrachloride	50	57.1	114	75-127
108-90-7	Chlorobenzene	50	47.7	95	80-115
75-00-3	Chloroethane	50	50.5	101	56-144
67-66-3	Chloroform	50	49.6	99	75-116
74-87-3	Chloromethane	50	49.4	99	41-153
110-82-7	Cyclohexane	50	59.6	119	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	53.5	107	69-134
124-48-1	Dibromochloromethane	50	49.5	99	81-123
106-93-4	1,2-Dibromoethane	50	52.3	105	67-138
95-50-1	1,2-Dichlorobenzene	50	47.1	94	81-117
541-73-1	1,3-Dichlorobenzene	50	48.7	97	81-115
106-46-7	1,4-Dichlorobenzene	50	46.7	93	80-114
75-71-8	Dichlorodifluoromethane	50	50.3	101	43-152
75-34-3	1,1-Dichloroethane	50	51.6	103	75-125
107-06-2	1,2-Dichloroethane	50	48.1	96	73-117
75-35-4	1,1-Dichloroethene	50	57.8	116	70-124
156-59-2	cis-1,2-Dichloroethene	50	53.0	106	80-120
156-60-5	trans-1,2-Dichloroethene	50	54.4	109	77-121
78-87-5	1,2-Dichloropropane	50	52.0	104	79-121
10061-01-5	cis-1,3-Dichloropropene	50	52.9	106	83-123
10061-02-6	trans-1,3-Dichloropropene	50	51.7	103	83-122
100-41-4	Ethylbenzene	50	47.8	96	78-116
76-13-1	Freon 113	50	58.5	117	68-134
591-78-6	2-Hexanone	200	200	100	66-136
98-82-8	Isopropylbenzene	50	49.2	98	78-121
79-20-9	Methyl Acetate	50	57.2	114	60-143
108-87-2	Methylcyclohexane	50	54.4	109	71-123
1634-04-4	Methyl Tert Butyl Ether	50	59.2	118	76-123

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R720-BS	2R24109.D	1	12/01/25	ED	n/a	n/a	V2R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-1, JE23732-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	201	101	73-134
75-09-2	Methylene chloride	50	50.3	101	73-123
100-42-5	Styrene	50	47.9	96	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	45.9	92	73-126
127-18-4	Tetrachloroethene	50	55.6	111	73-119
108-88-3	Toluene	50	50.3	101	79-116
87-61-6	1,2,3-Trichlorobenzene	50	53.3	107	63-137
120-82-1	1,2,4-Trichlorobenzene	50	52.2	104	68-135
71-55-6	1,1,1-Trichloroethane	50	56.6	113	76-124
79-00-5	1,1,2-Trichloroethane	50	50.9	102	83-117
79-01-6	Trichloroethene	50	53.9	108	80-118
75-69-4	Trichlorofluoromethane	50	53.3	107	67-134
75-01-4	Vinyl chloride	50	51.4	103	52-146
	m,p-Xylene	100	97.0	97	79-119
95-47-6	o-Xylene	50	47.5	95	81-119
1330-20-7	Xylene (total)	150	144	96	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	95%	80-120%
2037-26-5	Toluene-D8	100%	80-120%
460-00-4	4-Bromofluorobenzene	100%	82-114%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE23801-2MS	2R24133.D	50	12/01/25	ED	n/a	n/a	V2R720
JE23801-2MSD	2R24135.D	50	12/01/25	ED	n/a	n/a	V2R720
JE23801-2 [a]	2R24131.D	50	12/01/25	ED	n/a	n/a	V2R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-1, JE23732-3

CAS No.	Compound	JE23801-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		10000	8490	85	10000	8400	84	1	22-134/19
71-43-2	Benzene	13400	E	2500	15600	88	2500	15700	92	1	49-137/12
74-97-5	Bromochloromethane	ND		2500	2470	99	2500	2540	102	3	78-122/12
75-27-4	Bromodichloromethane	ND		2500	2340	94	2500	2420	97	3	76-121/12
75-25-2	Bromoform	ND		2500	2530	101	2500	2480	99	2	70-133/13
74-83-9	Bromomethane	ND		2500	1780	71	2500	1880	75	5	27-164/38
78-93-3	2-Butanone (MEK)	ND		10000	9450	95	10000	9290	93	2	52-137/17
75-15-0	Carbon disulfide	ND		2500	2320	93	2500	2390	96	3	54-136/16
56-23-5	Carbon tetrachloride	ND		2500	2540	102	2500	2540	102	0	70-132/13
108-90-7	Chlorobenzene	ND		2500	2390	96	2500	2370	95	1	68-123/12
75-00-3	Chloroethane	ND		2500	2250	90	2500	2300	92	2	48-152/17
67-66-3	Chloroform	ND		2500	2270	91	2500	2300	92	1	68-120/13
74-87-3	Chloromethane	ND		2500	2110	84	2500	2110	84	0	35-156/18
110-82-7	Cyclohexane	ND		2500	2390	96	2500	2400	96	0	53-146/14
96-12-8	1,2-Dibromo-3-chloropropane	ND		2500	2650	106	2500	2540	102	4	63-134/16
124-48-1	Dibromochloromethane	ND		2500	2490	100	2500	2400	96	4	75-122/12
106-93-4	1,2-Dibromoethane	ND		2500	2570	103	2500	2490	100	3	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		2500	2420	97	2500	2370	95	2	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		2500	2460	98	2500	2380	95	3	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		2500	2360	94	2500	2320	93	2	72-117/12
75-71-8	Dichlorodifluoromethane	ND		2500	2150	86	2500	2160	86	0	34-163/16
75-34-3	1,1-Dichloroethane	ND		2500	2320	93	2500	2380	95	3	68-129/13
107-06-2	1,2-Dichloroethane	ND		2500	2250	90	2500	2240	90	0	66-120/13
75-35-4	1,1-Dichloroethene	ND		2500	2550	102	2500	2630	105	3	59-133/15
156-59-2	cis-1,2-Dichloroethene	ND		2500	2420	97	2500	2510	100	4	52-140/12
156-60-5	trans-1,2-Dichloroethene	ND		2500	2380	95	2500	2480	99	4	70-125/13
78-87-5	1,2-Dichloropropane	ND		2500	2540	102	2500	2520	101	1	73-124/12
10061-01-5	cis-1,3-Dichloropropene	ND		2500	2580	103	2500	2590	104	0	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		2500	2500	100	2500	2450	98	2	75-122/12
100-41-4	Ethylbenzene	144		2500	2510	95	2500	2470	93	2	37-144/12
76-13-1	Freon 113	ND		2500	2550	102	2500	2540	102	0	61-142/14
591-78-6	2-Hexanone	ND		10000	9230	92	10000	8980	90	3	56-132/16
98-82-8	Isopropylbenzene	ND		2500	2450	98	2500	2440	98	0	71-126/13
79-20-9	Methyl Acetate	ND		2500	2480	99	2500	2500	100	1	51-139/18
108-87-2	Methylcyclohexane	ND		2500	2490	100	2500	2490	100	0	59-137/16
1634-04-4	Methyl Tert Butyl Ether	ND		2500	2660	106	2500	2690	108	1	66-124/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE23801-2MS	2R24133.D	50	12/01/25	ED	n/a	n/a	V2R720
JE23801-2MSD	2R24135.D	50	12/01/25	ED	n/a	n/a	V2R720
JE23801-2 [a]	2R24131.D	50	12/01/25	ED	n/a	n/a	V2R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-1, JE23732-3

CAS No.	Compound	JE23801-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		10000	9420	94	10000	9180	92	3	65-135/14
75-09-2	Methylene chloride	ND		2500	2280	91	2500	2380	95	4	66-125/14
100-42-5	Styrene	ND		2500	2430	97	2500	2420	97	0	71-133/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		2500	2340	94	2500	2270	91	3	68-127/14
127-18-4	Tetrachloroethene	ND		2500	2690	108	2500	2590	104	4	58-132/13
108-88-3	Toluene	1870		2500	4270	96	2500	4200	93	2	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND		2500	2590	104	2500	2590	104	0	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND		2500	2630	105	2500	2550	102	3	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		2500	2570	103	2500	2550	102	1	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		2500	2560	102	2500	2510	100	2	75-120/12
79-01-6	Trichloroethene	ND		2500	2660	106	2500	2650	106	0	56-136/12
75-69-4	Trichlorofluoromethane	ND		2500	2370	95	2500	2370	95	0	61-145/16
75-01-4	Vinyl chloride	ND		2500	2220	89	2500	2230	89	0	41-156/16
	m,p-Xylene	1030		5000	5840	96	5000	5790	95	1	32-151/12
95-47-6	o-Xylene	393		2500	2770	95	2500	2710	93	2	50-139/12
1330-20-7	Xylene (total)	1420		7500	8610	96	7500	8490	94	1	38-147/12

CAS No.	Surrogate Recoveries	MS	MSD	JE23801-2	Limits
1868-53-7	Dibromofluoromethane	97%	99%	95%	80-120%
17060-07-0	1,2-Dichloroethane-D4	93%	97%	98%	80-120%
2037-26-5	Toluene-D8	100%	98%	100%	80-120%
460-00-4	4-Bromofluorobenzene	102%	101%	99%	82-114%

(a) Dilution required due to high concentration of target compound.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE23773-1MS	1R24134.D	20	12/01/25	ED	n/a	n/a	V1R720
JE23773-1MSD	1R24136.D	20	12/01/25	ED	n/a	n/a	V1R720
JE23773-1 [a]	1R24130.D	20	12/01/25	ED	n/a	n/a	V1R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-2, JE23732-4, JE23732-5

CAS No.	Compound	JE23773-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		4000	3500	88	4000	3550	89	1	22-134/19
71-43-2	Benzene	654		1000	1530	88	1000	1550	90	1	49-137/12
74-97-5	Bromochloromethane	ND		1000	930	93	1000	944	94	1	78-122/12
75-27-4	Bromodichloromethane	ND		1000	942	94	1000	939	94	0	76-121/12
75-25-2	Bromoform	ND		1000	1030	103	1000	1020	102	1	70-133/13
74-83-9	Bromomethane	ND		1000	718	72	1000	850	85	17	27-164/38
78-93-3	2-Butanone (MEK)	ND		4000	3860	97	4000	3870	97	0	52-137/17
75-15-0	Carbon disulfide	ND		1000	864	86	1000	901	90	4	54-136/16
56-23-5	Carbon tetrachloride	ND		1000	996	100	1000	1050	105	5	70-132/13
108-90-7	Chlorobenzene	2410		1000	3080	67* [b]	1000	3120	71	1	68-123/12
75-00-3	Chloroethane	ND		1000	827	83	1000	835	84	1	48-152/17
67-66-3	Chloroform	12.0	J	1000	860	85	1000	904	89	5	68-120/13
74-87-3	Chloromethane	ND		1000	820	82	1000	845	85	3	35-156/18
110-82-7	Cyclohexane	ND		1000	940	94	1000	967	97	3	53-146/14
96-12-8	1,2-Dibromo-3-chloropropane	ND		1000	964	96	1000	981	98	2	63-134/16
124-48-1	Dibromochloromethane	ND		1000	1010	101	1000	1030	103	2	75-122/12
106-93-4	1,2-Dibromoethane	ND		1000	1010	101	1000	1020	102	1	63-134/12
95-50-1	1,2-Dichlorobenzene	633		1000	1550	92	1000	1550	92	0	74-119/12
541-73-1	1,3-Dichlorobenzene	70.5		1000	1020	95	1000	1030	96	1	75-117/12
106-46-7	1,4-Dichlorobenzene	995		1000	1870	88	1000	1880	89	1	72-117/12
75-71-8	Dichlorodifluoromethane	ND		1000	860	86	1000	898	90	4	34-163/16
75-34-3	1,1-Dichloroethane	ND		1000	895	90	1000	936	94	4	68-129/13
107-06-2	1,2-Dichloroethane	ND		1000	938	94	1000	937	94	0	66-120/13
75-35-4	1,1-Dichloroethene	ND		1000	949	95	1000	996	100	5	59-133/15
156-59-2	cis-1,2-Dichloroethene	ND		1000	938	94	1000	963	96	3	52-140/12
156-60-5	trans-1,2-Dichloroethene	ND		1000	913	91	1000	957	96	5	70-125/13
78-87-5	1,2-Dichloropropane	ND		1000	1020	102	1000	1040	104	2	73-124/12
10061-01-5	cis-1,3-Dichloropropene	ND		1000	1020	102	1000	1030	103	1	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		1000	1030	103	1000	1040	104	1	75-122/12
100-41-4	Ethylbenzene	ND		1000	911	91	1000	932	93	2	37-144/12
76-13-1	Freon 113	ND		1000	1020	102	1000	1050	105	3	61-142/14
591-78-6	2-Hexanone	ND		4000	3670	92	4000	3730	93	2	56-132/16
98-82-8	Isopropylbenzene	ND		1000	944	94	1000	963	96	2	71-126/13
79-20-9	Methyl Acetate	ND		1000	994	99	1000	1010	101	2	51-139/18
108-87-2	Methylcyclohexane	ND		1000	985	99	1000	997	100	1	59-137/16
1634-04-4	Methyl Tert Butyl Ether	ND		1000	1030	103	1000	1060	106	3	66-124/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE23773-1MS	1R24134.D	20	12/01/25	ED	n/a	n/a	V1R720
JE23773-1MSD	1R24136.D	20	12/01/25	ED	n/a	n/a	V1R720
JE23773-1 [a]	1R24130.D	20	12/01/25	ED	n/a	n/a	V1R720

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE23732-2, JE23732-4, JE23732-5

CAS No.	Compound	JE23773-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		4000	3800	95	4000	3820	96	1	65-135/14
75-09-2	Methylene chloride	ND		1000	911	91	1000	956	96	5	66-125/14
100-42-5	Styrene	ND		1000	662	66* [c]	1000	647	65* [c]	2	71-133/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1000	948	95	1000	965	97	2	68-127/14
127-18-4	Tetrachloroethene	ND		1000	998	100	1000	1010	101	1	58-132/13
108-88-3	Toluene	ND		1000	916	92	1000	952	95	4	46-139/12
87-61-6	1,2,3-Trichlorobenzene	10.0	J	1000	992	98	1000	979	97	1	57-136/17
120-82-1	1,2,4-Trichlorobenzene	35.0		1000	1030	100	1000	1020	99	1	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		1000	922	92	1000	963	96	4	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		1000	1020	102	1000	1030	103	1	75-120/12
79-01-6	Trichloroethene	ND		1000	1020	102	1000	1050	105	3	56-136/12
75-69-4	Trichlorofluoromethane	ND		1000	942	94	1000	996	100	6	61-145/16
75-01-4	Vinyl chloride	ND		1000	891	89	1000	929	93	4	41-156/16
	m,p-Xylene	ND		2000	1880	94	2000	1940	97	3	32-151/12
95-47-6	o-Xylene	ND		1000	898	90	1000	906	91	1	50-139/12
1330-20-7	Xylene (total)	ND		3000	2780	93	3000	2850	95	2	38-147/12

CAS No.	Surrogate Recoveries	MS	MSD	JE23773-1	Limits
1868-53-7	Dibromofluoromethane	97%	98%	96%	80-120%
17060-07-0	1,2-Dichloroethane-D4	95%	93%	101%	80-120%
2037-26-5	Toluene-D8	98%	98%	98%	80-120%
460-00-4	4-Bromofluorobenzene	101%	101%	101%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Outside control limits due to high level in sample relative to spike amount.
(c) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample: V1R718-BFB
Lab File ID: 1R24008.D
Instrument ID: GCMS1R
Injection Date: 11/22/25
Injection Time: 16:52

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	45416	23.7		Pass
75	30.0 - 60.0% of mass 95	89021	46.5		Pass
95	Base peak, 100% relative abundance	191552	100.0		Pass
96	5.0 - 9.0% of mass 95	12493	6.52		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	151789	79.2		Pass
175	5.0 - 9.0% of mass 174	11476	5.99	(7.56) [a]	Pass
176	95.0 - 101.0% of mass 174	149235	77.9	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	9915	5.18	(6.64) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1R718-IC718	1R24010.D	11/22/25	17:25	00:33	Initial cal 0.2
V1R718-IC718	1R24012.D	11/22/25	17:59	01:07	Initial cal 0.5
V1R718-IC718	1R24014.D	11/22/25	18:32	01:40	Initial cal 1
V1R718-IC718	1R24016.D	11/22/25	19:05	02:13	Initial cal 2
V1R718-IC718	1R24018.D	11/22/25	19:38	02:46	Initial cal 4
V1R718-IC718	1R24020.D	11/22/25	20:12	03:20	Initial cal 8
V1R718-IC718	1R24022.D	11/22/25	20:45	03:53	Initial cal 20
V1R718-ICC718	1R24024.D	11/22/25	21:18	04:26	Initial cal 50
V1R718-IC718	1R24026.D	11/22/25	21:52	05:00	Initial cal 100
V1R718-IC718	1R24028.D	11/22/25	22:25	05:33	Initial cal 200

Instrument Performance Check (BFB)

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample: V1R718-BFB2
Lab File ID: 1R24034.D
Instrument ID: GCMS1R
Injection Date: 11/24/25
Injection Time: 19:11

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	45507	23.0		Pass
75	30.0 - 60.0% of mass 95	91472	46.3		Pass
95	Base peak, 100% relative abundance	197611	100.0		Pass
96	5.0 - 9.0% of mass 95	12938	6.55		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	155648	78.8		Pass
175	5.0 - 9.0% of mass 174	11643	5.89	(7.48) [a]	Pass
176	95.0 - 101.0% of mass 174	149923	75.9	(96.3) [a]	Pass
177	5.0 - 9.0% of mass 176	10235	5.18	(6.83) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1R718-ICV718	1R24036.D	11/24/25	19:45	00:34	Initial cal verification 50
V1R718-ICV718	1R24038.D	11/24/25	20:18	01:07	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample:	V1R718-BFB3	**Injection Date:**	11/25/25
Lab File ID:	1R24042.D	**Injection Time:**	19:00
Instrument ID:	GCMS1R		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	42683	22.7		Pass
75	30.0 - 60.0% of mass 95	86323	46.0		Pass
95	Base peak, 100% relative abundance	187776	100.0		Pass
96	5.0 - 9.0% of mass 95	12989	6.92		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	154147	82.1		Pass
175	5.0 - 9.0% of mass 174	11632	6.19	(7.55) [a]	Pass
176	95.0 - 101.0% of mass 174	148157	78.9	(96.1) [a]	Pass
177	5.0 - 9.0% of mass 176	9937	5.29	(6.71) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1R718-ICV718	1R24044.D	11/25/25	19:34	00:34	Initial cal verification 50
V1R719-CC718	1R24052.D	11/26/25	13:36	18:36	Continuing cal 20
V1R719-BS	1R24055.D	11/26/25	14:40	19:40	Blank Spike
V1R719-MB	1R24059.D	11/26/25	15:48	20:48	Method Blank
ZZZZZZ	1R24061.D	11/26/25	16:22	21:22	(unrelated sample)
ZZZZZZ	1R24063.D	11/26/25	16:56	21:56	(unrelated sample)
JE23748-10	1R24065.D	11/26/25	17:30	22:30	(used for QC only; not part of job JE23732)
ZZZZZZ	1R24067.D	11/26/25	18:04	23:04	(unrelated sample)
JE23748-10MS	1R24069.D	11/26/25	18:38	23:38	Matrix Spike
JE23748-10MSD	1R24071.D	11/26/25	19:12	24:12	Matrix Spike Duplicate

Instrument Performance Check (BFB)

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample:	V2R718-BFB	**Injection Date:**	11/22/25
Lab File ID:	2R24009.D	**Injection Time:**	17:09
Instrument ID:	GCMS2R		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	38192	22.8		Pass
75	30.0 - 60.0% of mass 95	78184	46.6		Pass
95	Base peak, 100% relative abundance	167597	100.0		Pass
96	5.0 - 9.0% of mass 95	11106	6.63		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	137496	82.0		Pass
175	5.0 - 9.0% of mass 174	10502	6.27	(7.64) [a]	Pass
176	95.0 - 101.0% of mass 174	134805	80.4	(98.0) [a]	Pass
177	5.0 - 9.0% of mass 176	8762	5.23	(6.50) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2R718-IC718	2R24011.D	11/22/25	17:42	00:33	Initial cal 0.2
V2R718-IC718	2R24013.D	11/22/25	18:15	01:06	Initial cal 0.5
V2R718-IC718	2R24015.D	11/22/25	18:49	01:40	Initial cal 1
V2R718-IC718	2R24017.D	11/22/25	19:22	02:13	Initial cal 2
V2R718-IC718	2R24019.D	11/22/25	19:55	02:46	Initial cal 4
V2R718-IC718	2R24021.D	11/22/25	20:28	03:19	Initial cal 8
V2R718-IC718	2R24023.D	11/22/25	21:02	03:53	Initial cal 20
V2R718-ICC718	2R24025.D	11/22/25	21:35	04:26	Initial cal 50
V2R718-IC718	2R24027.D	11/22/25	22:08	04:59	Initial cal 100
V2R718-IC718	2R24029.D	11/22/25	22:41	05:32	Initial cal 200

Instrument Performance Check (BFB)

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample:	V2R718-BFB2	**Injection Date:**	11/24/25
Lab File ID:	2R24035.D	**Injection Time:**	19:28
Instrument ID:	GCMS2R		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	37427	22.3		Pass
75	30.0 - 60.0% of mass 95	75459	44.9		Pass
95	Base peak, 100% relative abundance	167896	100.0		Pass
96	5.0 - 9.0% of mass 95	10925	6.51		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	141259	84.1		Pass
175	5.0 - 9.0% of mass 174	10689	6.37	(7.57) [a]	Pass
176	95.0 - 101.0% of mass 174	138805	82.7	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	8867	5.28	(6.39) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2R718-ICV718	2R24037.D	11/24/25	20:02	00:34	Initial cal verification 50
V2R718-ICV718	2R24039.D	11/24/25	20:35	01:07	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample:	V2R718-BFB3	**Injection Date:**	11/25/25
Lab File ID:	2R24043.D	**Injection Time:**	19:17
Instrument ID:	GCMS2R		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	36499	22.1		Pass
75	30.0 - 60.0% of mass 95	74696	45.2		Pass
95	Base peak, 100% relative abundance	165320	100.0		Pass
96	5.0 - 9.0% of mass 95	10783	6.52		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	140779	85.2		Pass
175	5.0 - 9.0% of mass 174	10104	6.11	(7.18) [a]	Pass
176	95.0 - 101.0% of mass 174	136296	82.4	(96.8) [a]	Pass
177	5.0 - 9.0% of mass 176	9053	5.48	(6.64) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2R718-ICV718	2R24045.D	11/25/25	19:51	00:34	Initial cal verification 50
V2R719-CC718	2R24053.D	11/26/25	13:53	18:36	Continuing cal 20
V2R719-CC718	2R24054.D	11/26/25	14:23	19:06	Continuing cal 2
V2R719-BS	2R24056.D	11/26/25	14:57	19:40	Blank Spike
V2R719-MB	2R24058.D	11/26/25	15:31	20:14	Method Blank
ZZZZZZ	2R24060.D	11/26/25	16:05	20:48	(unrelated sample)
ZZZZZZ	2R24062.D	11/26/25	16:39	21:22	(unrelated sample)
ZZZZZZ	2R24064.D	11/26/25	17:13	21:56	(unrelated sample)
JE23798-3	2R24066.D	11/26/25	17:47	22:30	(used for QC only; not part of job JE23732)
JE23798-3MS	2R24070.D	11/26/25	18:55	23:38	Matrix Spike
JE23798-3MSD	2R24072.D	11/26/25	19:29	24:12	Matrix Spike Duplicate

Surrogate Recovery Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JE23732-1	2R24127.D	95	96	99	99
JE23732-2	1R24128.D	98	98	99	98
JE23732-3	2R24129.D	96	97	98	100
JE23732-4	1R24144.D	95	98	99	97
JE23732-5	1R24140.D	96	97	99	98
JE23773-1MS	1R24134.D	97	95	98	101
JE23773-1MSD	1R24136.D	98	93	98	101
JE23801-2MS	2R24133.D	97	93	100	102
JE23801-2MSD	2R24135.D	99	97	98	101
V1R720-BS	1R24108.D	106	95	96	102
V1R720-MB	1R24112.D	104	102	99	98
V2R720-BS	2R24109.D	104	95	100	100
V2R720-MB	2R24111.D	104	100	99	101

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	80-120%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	82-114%

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Isotope Dilution Standard Recovery Summaries

Instrument Blank

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T2Q469-IBLK	2Q39132.D	1	11/21/25	AM	n/a	n/a	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A, JE23732-5A

CAS No.	Compound	Result	RL	MDL	Units	Q
375-22-4	Perfluorobutanoic acid	ND	0.0080	0.00093	ug/l	
2706-90-3	Perfluoropentanoic acid	ND	0.0040	0.00073	ug/l	
307-24-4	Perfluorohexanoic acid	ND	0.0020	0.00029	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.0020	0.00050	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.0020	0.00075	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.0020	0.00040	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.0020	0.00062	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0020	0.00055	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0020	0.00077	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0020	0.00079	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0020	0.00076	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.0020	0.00066	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.0020	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0020	0.00098	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.0020	0.00043	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0020	0.0011	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0080	0.00091	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0080	0.0015	ug/l	
754-91-6	PFOSA	ND	0.0020	0.00069	ug/l	
2355-31-9	MeFOSAA	ND	0.0020	0.00051	ug/l	
2991-50-6	EtFOSAA	ND	0.0020	0.00091	ug/l	

CAS No.	ID Standard Recoveries		Limits
	13C4-PFBA	100%	5-130%
	13C5-PFPeA	97%	40-130%
	13C5-PFHxA	96%	40-130%
	13C4-PFHpA	98%	40-130%
	13C8-PFOA	104%	40-130%
	13C9-PFNA	94%	40-130%
	13C6-PFDA	98%	40-130%
	13C7-PFUnDA	96%	30-130%
	13C2-PFDoDA	93%	10-130%
	13C2-PFTeDA	97%	10-130%
	13C3-PFBS	98%	40-135%

Instrument Blank

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T2Q469-IBLK	2Q39132.D	1	11/21/25	AM	n/a	n/a	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A, JE23732-5A

CAS No.	ID Standard Recoveries		Limits
	13C3-PFHxS	94%	40-130%
	13C8-PFOS	107%	40-130%
	13C8-FOSA	99%	40-130%
	d3-MeFOSA	97%	10-130%
	d5-EtFOSA	103%	10-130%
	d3-MeFOSAA	104%	40-170%
	d5-EtFOSAA	105%	25-135%
	d7-MeFOSE	99%	10-130%
	d9-EtFOSE	106%	10-130%
	13C2-4:2FTS	122%	40-200%
	13C2-6:2FTS	120%	40-200%
	13C2-8:2FTS	110%	40-300%
	13C3-HFPO-DA	98%	40-130%

Instrument Blank

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T2Q469-ICCB	2Q39166.D	1	11/22/25	AM	n/a	n/a	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-5A

CAS No.	Compound	Result	RL	MDL	Units	Q
375-22-4	Perfluorobutanoic acid	ND	0.0080	0.00093	ug/l	
2706-90-3	Perfluoropentanoic acid	ND	0.0040	0.00073	ug/l	
307-24-4	Perfluorohexanoic acid	ND	0.0020	0.00029	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.0020	0.00050	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.0020	0.00075	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.0020	0.00040	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.0020	0.00062	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0020	0.00055	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0020	0.00077	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0020	0.00079	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0020	0.00076	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.0020	0.00066	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.0020	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0020	0.00098	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.0020	0.00043	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0020	0.0011	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0080	0.00091	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0080	0.0015	ug/l	
754-91-6	PFOSA	ND	0.0020	0.00069	ug/l	
2355-31-9	MeFOSAA	ND	0.0020	0.00051	ug/l	
2991-50-6	EtFOSAA	ND	0.0020	0.00091	ug/l	

CAS No.	ID Standard Recoveries		Limits
	13C4-PFBA	100%	5-130%
	13C5-PFPeA	101%	40-130%
	13C5-PFHxA	102%	40-130%
	13C4-PFHpA	102%	40-130%
	13C8-PFOA	104%	40-130%
	13C9-PFNA	99%	40-130%
	13C6-PFDA	99%	40-130%
	13C7-PFUnDA	106%	30-130%
	13C2-PFDoDA	102%	10-130%
	13C2-PFTeDA	100%	10-130%
	13C3-PFBS	96%	40-135%

Instrument Blank

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T2Q469-ICCB	2Q39166.D	1	11/22/25	AM	n/a	n/a	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-5A

CAS No.	ID Standard Recoveries		Limits
	13C3-PFHxS	98%	40-130%
	13C8-PFOS	97%	40-130%
	13C8-FOSA	93%	40-130%
	d3-MeFOSA	92%	10-130%
	d5-EtFOSA	95%	10-130%
	d3-MeFOSAA	106%	40-170%
	d5-EtFOSAA	105%	25-135%
	d7-MeFOSE	89%	10-130%
	d9-EtFOSE	93%	10-130%
	13C2-4:2FTS	120%	40-200%
	13C2-6:2FTS	114%	40-200%
	13C2-8:2FTS	110%	40-300%
	13C3-HFPO-DA	109%	40-130%

Instrument Blank

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T2Q469-ICCB	2Q39182.D	1	11/22/25	AM	n/a	n/a	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A

CAS No.	Compound	Result	RL	MDL	Units	Q
375-22-4	Perfluorobutanoic acid	ND	0.0080	0.00093	ug/l	
2706-90-3	Perfluoropentanoic acid	ND	0.0040	0.00073	ug/l	
307-24-4	Perfluorohexanoic acid	ND	0.0020	0.00029	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.0020	0.00050	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.0020	0.00075	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.0020	0.00040	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.0020	0.00062	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0020	0.00055	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0020	0.00077	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0020	0.00079	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0020	0.00076	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.0020	0.00066	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.0020	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0020	0.00098	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.0020	0.00043	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0020	0.0011	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0080	0.00091	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0080	0.0015	ug/l	
754-91-6	PFOSA	ND	0.0020	0.00069	ug/l	
2355-31-9	MeFOSAA	ND	0.0020	0.00051	ug/l	
2991-50-6	EtFOSAA	ND	0.0020	0.00091	ug/l	

CAS No.	ID Standard Recoveries		Limits
	13C4-PFBA	99%	5-130%
	13C5-PFPeA	97%	40-130%
	13C5-PFHxA	97%	40-130%
	13C4-PFHpA	94%	40-130%
	13C8-PFOA	101%	40-130%
	13C9-PFNA	105%	40-130%
	13C6-PFDA	103%	40-130%
	13C7-PFUnDA	110%	30-130%
	13C2-PFDoDA	104%	10-130%
	13C2-PFTeDA	97%	10-130%
	13C3-PFBS	102%	40-135%

Instrument Blank

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T2Q469-ICCB	2Q39182.D	1	11/22/25	AM	n/a	n/a	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A

CAS No.	ID Standard Recoveries		Limits
	13C3-PFHxS	105%	40-130%
	13C8-PFOS	103%	40-130%
	13C8-FOSA	95%	40-130%
	d3-MeFOSA	97%	10-130%
	d5-EtFOSA	99%	10-130%
	d3-MeFOSAA	104%	40-170%
	d5-EtFOSAA	106%	25-135%
	d7-MeFOSE	92%	10-130%
	d9-EtFOSE	98%	10-130%
	13C2-4:2FTS	111%	40-200%
	13C2-6:2FTS	117%	40-200%
	13C2-8:2FTS	112%	40-300%
	13C3-HFPO-DA	93%	40-130%

Method Blank Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69226-MB	2Q39167.D	1	11/22/25	AM	11/21/25	OP69226	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A, JE23732-5A

CAS No.	Compound	Result	RL	MDL	Units	Q
375-22-4	Perfluorobutanoic acid	ND	0.0080	0.00093	ug/l	
2706-90-3	Perfluoropentanoic acid	ND	0.0040	0.00073	ug/l	
307-24-4	Perfluorohexanoic acid	ND	0.0020	0.00029	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.0020	0.00050	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.0020	0.00075	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.0020	0.00040	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.0020	0.00062	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0020	0.00055	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0020	0.00077	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0020	0.00079	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0020	0.00076	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.0020	0.00066	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.0020	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0020	0.00098	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.0020	0.00043	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0020	0.0011	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0080	0.00091	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0080	0.0015	ug/l	
754-91-6	PFOSA	ND	0.0020	0.00069	ug/l	
2355-31-9	MeFOSAA	ND	0.0020	0.00051	ug/l	
2991-50-6	EtFOSAA	ND	0.0020	0.00091	ug/l	

CAS No.	ID Standard Recoveries		Limits
	13C4-PFBA	76%	5-130%
	13C5-PFPeA	76%	40-130%
	13C5-PFHxA	73%	40-130%
	13C4-PFHpA	76%	40-130%
	13C8-PFOA	75%	40-130%
	13C9-PFNA	71%	40-130%
	13C6-PFDA	77%	40-130%
	13C7-PFUnDA	76%	30-130%
	13C2-PFDoDA	70%	10-130%
	13C2-PFTeDA	75%	10-130%
	13C3-PFBS	70%	40-135%

Method Blank Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69226-MB	2Q39167.D	1	11/22/25	AM	11/21/25	OP69226	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A, JE23732-5A

CAS No.	ID Standard Recoveries		Limits
	13C3-PFHxS	71%	40-130%
	13C8-PFOS	77%	40-130%
	13C8-FOSA	66%	40-130%
	d3-MeFOSA	63%	10-130%
	d5-EtFOSA	66%	10-130%
	d3-MeFOSAA	85%	40-170%
	d5-EtFOSAA	75%	25-135%
	d7-MeFOSE	63%	10-130%
	d9-EtFOSE	74%	10-130%
	13C2-4:2FTS	89%	40-200%
	13C2-6:2FTS	85%	40-200%
	13C2-8:2FTS	79%	40-300%
	13C3-HFPO-DA	73%	40-130%

Blank Spike Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69226-LLBS	2Q39172.D	1	11/22/25	AM	11/21/25	OP69226	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A, JE23732-5A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
375-22-4	Perfluorobutanoic acid	0.016	0.0163	102	70-140
2706-90-3	Perfluoropentanoic acid	0.008	0.0077	96	65-135
307-24-4	Perfluorohexanoic acid	0.004	0.0041	103	70-145
375-85-9	Perfluoroheptanoic acid	0.004	0.0037	93	70-150
335-67-1	Perfluorooctanoic acid	0.004	0.0039	98	70-150
375-95-1	Perfluorononanoic acid	0.004	0.0039	98	70-150
335-76-2	Perfluorodecanoic acid	0.004	0.0036	90	70-140
2058-94-8	Perfluoroundecanoic acid	0.004	0.0038	95	70-145
307-55-1	Perfluorododecanoic acid	0.004	0.0038	95	70-140
72629-94-8	Perfluorotridecanoic acid	0.004	0.0041	103	65-140
376-06-7	Perfluorotetradecanoic acid	0.004	0.0036	90	60-140
375-73-5	Perfluorobutanesulfonic acid	0.00355	0.0036	101	60-145
355-46-4	Perfluorohexanesulfonic acid	0.00366	0.0039	107	65-145
375-92-8	Perfluoroheptanesulfonic acid	0.00381	0.0037	97	70-150
1763-23-1	Perfluorooctanesulfonic acid	0.00371	0.0040	108	55-150
335-77-3	Perfluorodecanesulfonic acid	0.00386	0.0042	109	60-145
27619-97-2	6:2 Fluorotelomer sulfonate	0.0152	0.0138	91	65-155
39108-34-4	8:2 Fluorotelomer sulfonate	0.0154	0.0149	97	60-150
754-91-6	PFOSA	0.004	0.0040	100	70-145
2355-31-9	MeFOSAA	0.004	0.0035	88	50-140
2991-50-6	EtFOSAA	0.004	0.0040	100	70-145

CAS No.	ID Standard Recoveries	BSP	Limits
	13C4-PFBA	86%	5-130%
	13C5-PFPeA	90%	40-130%
	13C5-PFHxA	86%	40-130%
	13C4-PFHpA	92%	40-130%
	13C8-PFOA	87%	40-130%
	13C9-PFNA	86%	40-130%
	13C6-PFDA	93%	40-130%
	13C7-PFUnDA	91%	30-130%
	13C2-PFDoDA	80%	10-130%
	13C2-PFTeDA	90%	10-130%
	13C3-PFBS	79%	40-135%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69226-LLBS	2Q39172.D	1	11/22/25	AM	11/21/25	OP69226	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A, JE23732-5A

CAS No.	ID Standard Recoveries	BSP	Limits
	13C3-PFHxS	79%	40-130%
	13C8-PFOS	81%	40-130%
	13C8-FOSA	77%	40-130%
	d3-MeFOSA	76%	10-130%
	d5-EtFOSA	78%	10-130%
	d3-MeFOSAA	96%	40-170%
	d5-EtFOSAA	90%	25-135%
	d7-MeFOSE	75%	10-130%
	d9-EtFOSE	87%	10-130%
	13C2-4:2FTS	101%	40-200%
	13C2-6:2FTS	91%	40-200%
	13C2-8:2FTS	83%	40-300%
	13C3-HFPO-DA	90%	40-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69226-BS	2Q39173.D	1	11/22/25	AM	11/21/25	OP69226	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A, JE23732-5A

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
375-22-4	Perfluorobutanoic acid	0.1	0.102	102	70-140
2706-90-3	Perfluoropentanoic acid	0.05	0.0514	103	65-135
307-24-4	Perfluorohexanoic acid	0.025	0.0254	102	70-145
375-85-9	Perfluoroheptanoic acid	0.025	0.0248	99	70-150
335-67-1	Perfluorooctanoic acid	0.025	0.0223	89	70-150
375-95-1	Perfluorononanoic acid	0.025	0.0259	104	70-150
335-76-2	Perfluorodecanoic acid	0.025	0.0244	98	70-140
2058-94-8	Perfluoroundecanoic acid	0.025	0.0262	105	70-145
307-55-1	Perfluorododecanoic acid	0.025	0.0274	110	70-140
72629-94-8	Perfluorotridecanoic acid	0.025	0.0271	108	65-140
376-06-7	Perfluorotetradecanoic acid	0.025	0.0255	102	60-140
375-73-5	Perfluorobutanesulfonic acid	0.0222	0.0242	109	60-145
355-46-4	Perfluorohexanesulfonic acid	0.0229	0.0275	120	65-145
375-92-8	Perfluoroheptanesulfonic acid	0.0238	0.0268	112	70-150
1763-23-1	Perfluorooctanesulfonic acid	0.0232	0.0216	93	55-150
335-77-3	Perfluorodecanesulfonic acid	0.0241	0.0268	111	60-145
27619-97-2	6:2 Fluorotelomer sulfonate	0.095	0.101	106	65-155
39108-34-4	8:2 Fluorotelomer sulfonate	0.096	0.104	108	60-150
754-91-6	PFOSA	0.025	0.0252	101	70-145
2355-31-9	MeFOSAA	0.025	0.0240	96	50-140
2991-50-6	EtFOSAA	0.025	0.0243	97	70-145

CAS No.	ID Standard Recoveries	BSP	Limits
	13C4-PFBA	85%	5-130%
	13C5-PFPeA	84%	40-130%
	13C5-PFHxA	81%	40-130%
	13C4-PFHpA	85%	40-130%
	13C8-PFOA	89%	40-130%
	13C9-PFNA	86%	40-130%
	13C6-PFDA	92%	40-130%
	13C7-PFUnDA	82%	30-130%
	13C2-PFDoDA	76%	10-130%
	13C2-PFTeDA	79%	10-130%
	13C3-PFBS	87%	40-135%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69226-BS	2Q39173.D	1	11/22/25	AM	11/21/25	OP69226	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A, JE23732-5A

CAS No.	ID Standard Recoveries	BSP	Limits
	13C3-PFHxS	80%	40-130%
	13C8-PFOS	90%	40-130%
	13C8-FOSA	77%	40-130%
	d3-MeFOSA	72%	10-130%
	d5-EtFOSA	76%	10-130%
	d3-MeFOSAA	97%	40-170%
	d5-EtFOSAA	84%	25-135%
	d7-MeFOSE	70%	10-130%
	d9-EtFOSE	81%	10-130%
	13C2-4:2FTS	100%	40-200%
	13C2-6:2FTS	94%	40-200%
	13C2-8:2FTS	94%	40-300%
	13C3-HFPO-DA	86%	40-130%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69226-DUP	2Q39174.D	1	11/22/25	AM	11/21/25	OP69226	T2Q469
JE23556-1	2Q39179.D	1	11/22/25	AM	11/21/25	OP69226	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A, JE23732-5A

CAS No.	Compound	JE23556-1 ug/l	Q	DUP ug/l	Q	RPD	Limits
375-22-4	Perfluorobutanoic acid	ND		ND		nc	30
2706-90-3	Perfluoropentanoic acid	ND		ND		nc	30
307-24-4	Perfluorohexanoic acid	0.0012		0.00090	J	29	30
375-85-9	Perfluoroheptanoic acid	0.0013		0.0012	J	8	30
335-67-1	Perfluorooctanoic acid	0.0014		0.0015	J	7	30
375-95-1	Perfluorononanoic acid	ND		ND		nc	30
335-76-2	Perfluorodecanoic acid	ND		ND		nc	30
2058-94-8	Perfluoroundecanoic acid	ND		ND		nc	30
307-55-1	Perfluorododecanoic acid	ND		ND		nc	30
72629-94-8	Perfluorotridecanoic acid	ND		ND		nc	30
376-06-7	Perfluorotetradecanoic acid	ND		ND		nc	30
375-73-5	Perfluorobutanesulfonic acid	ND		ND		nc	30
355-46-4	Perfluorohexanesulfonic acid	ND		ND		nc	30
375-92-8	Perfluoroheptanesulfonic acid	ND		ND		nc	30
1763-23-1	Perfluorooctanesulfonic acid	ND		ND		nc	30
335-77-3	Perfluorodecanesulfonic acid	ND		ND		nc	30
27619-97-2	6:2 Fluorotelomer sulfonate	ND		ND		nc	30
39108-34-4	8:2 Fluorotelomer sulfonate	ND		ND		nc	30
754-91-6	PFOSA	ND		ND		nc	30
2355-31-9	MeFOSAA	ND		ND		nc	30
2991-50-6	EtFOSAA	ND		ND		nc	30

CAS No.	ID Standard Recoveries	DUP	JE23556-1	Limits
	13C4-PFBA	80%	67%	5-130%
	13C5-PFPeA	97%	99%	40-130%
	13C5-PFHxA	92%	99%	40-130%
	13C4-PFHpA	91%	98%	40-130%
	13C8-PFOA	95%	103%	40-130%
	13C9-PFNA	99%	102%	40-130%
	13C6-PFDA	103%	104%	40-130%
	13C7-PFUnDA	99%	102%	30-130%
	13C2-PFDoDA	75%	78%	10-130%
	13C2-PFTeDA	59%	59%	10-130%
	13C3-PFBS	98%	108%	40-135%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69226-DUP	2Q39174.D	1	11/22/25	AM	11/21/25	OP69226	T2Q469
JE23556-1	2Q39179.D	1	11/22/25	AM	11/21/25	OP69226	T2Q469

The QC reported here applies to the following samples: **Method:** EPA 1633

JE23732-1A, JE23732-2A, JE23732-3A, JE23732-4A, JE23732-5A

CAS No.	ID Standard Recoveries	DUP	JE23556-1	Limits
	13C3-PFHxS	99%	101%	40-130%
	13C8-PFOS	89%	97%	40-130%
	13C8-FOSA	87%	91%	40-130%
	d3-MeFOSA	73%	81%	10-130%
	d5-EtFOSA	72%	79%	10-130%
	d3-MeFOSAA	82%	91%	40-170%
	d5-EtFOSAA	81%	92%	25-135%
	d7-MeFOSE	72%	79%	10-130%
	d9-EtFOSE	75%	81%	10-130%
	13C2-4:2FTS	144%	147%	40-200%
	13C2-6:2FTS	185%	180%	40-200%
	13C2-8:2FTS	117%	123%	40-300%
	13C3-HFPO-DA	87%	90%	40-130%

* = Outside of Control Limits.

Isotope Dilution Standard Recovery Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Method: EPA 1633 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6	S7	S8
JE23732-1A	2Q39188.D	37	91	95	103	94	93	102	100
JE23732-2A	2Q39189.D	66	105	93	105	91	91	97	91
JE23732-3A	2Q39190.D	91	97	94	99	94	95	89	89
JE23732-4A	2Q39191.D	71	98	85	95	91	89	96	91
JE23732-5A	2Q39171.D	90	92	93	91	89	91	94	94
OP69226-BS	2Q39173.D	85	84	81	85	89	86	92	82
OP69226-DUP	2Q39174.D	80	97	92	91	95	99	103	99
OP69226-LLBS	2Q39172.D	86	90	86	92	87	86	93	91
OP69226-MB	2Q39167.D	76	76	73	76	75	71	77	76
T2Q469-IBLK	2Q39132.D	100	97	96	98	104	94	98	96
T2Q469-ICCB	2Q39182.D	99	97	97	94	101	105	103	110
T2Q469-ICCB	2Q39166.D	100	101	102	102	104	99	99	106

Isotope Dilution Standards	Recovery Limits
S1 = 13C4-PFBA	5-130%
S2 = 13C5-PFPeA	40-130%
S3 = 13C5-PFHxA	40-130%
S4 = 13C4-PFHpA	40-130%
S5 = 13C8-PFOA	40-130%
S6 = 13C9-PFNA	40-130%
S7 = 13C6-PFDA	40-130%
S8 = 13C7-PFUnDA	30-130%

Isotope Dilution Standard Recovery Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Method: EPA 1633 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S9	S10	S11	S12	S13	S14	S15	S16
JE23732-1A	2Q39188.D	96	96	105	95	93	100	105	98
JE23732-2A	2Q39189.D	87	81	83	77	94	101	106	100
JE23732-3A	2Q39190.D	84	91	94	87	89	85	93	88
JE23732-4A	2Q39191.D	82	90	90	87	95	93	98	94
JE23732-5A	2Q39171.D	84	86	96	82	87	80	103	86
OP69226-BS	2Q39173.D	76	79	87	80	90	77	97	84
OP69226-DUP	2Q39174.D	75	59	98	99	89	87	82	81
OP69226-LLBS	2Q39172.D	80	90	79	79	81	77	96	90
OP69226-MB	2Q39167.D	70	75	70	71	77	66	85	75
T2Q469-IBLK	2Q39132.D	93	97	98	94	107	99	104	105
T2Q469-ICCB	2Q39182.D	104	97	102	105	103	95	104	106
T2Q469-ICCB	2Q39166.D	102	100	96	98	97	93	106	105

Isotope Dilution Standards	Recovery Limits
S9 = 13C2-PFDoDA	10-130%
S10 = 13C2-PFTeDA	10-130%
S11 = 13C3-PFBS	40-135%
S12 = 13C3-PFHxS	40-130%
S13 = 13C8-PFOS	40-130%
S14 = 13C8-FOSA	40-130%
S15 = d3-MeFOSAA	40-170%
S16 = d5-EtFOSAA	25-135%

Isotope Dilution Standard Recovery Summary

Job Number: JE23732
Account: SESINJPB SESI Consulting Engineers
Project: 12365C, 130 Midland Ave, Port Chester, NY

Method: EPA 1633 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S17	S18
JE23732-1A	2Q39188.D	173	174
JE23732-2A	2Q39189.D	160	157
JE23732-3A	2Q39190.D	103	110
JE23732-4A	2Q39191.D	141	142
JE23732-5A	2Q39171.D	113	108
OP69226-BS	2Q39173.D	94	94
OP69226-DUP	2Q39174.D	185	117
OP69226-LLBS	2Q39172.D	91	83
OP69226-MB	2Q39167.D	85	79
T2Q469-IBLK	2Q39132.D	120	110
T2Q469-ICCB	2Q39182.D	117	112
T2Q469-ICCB	2Q39166.D	114	110

Isotope Dilution Standards	Recovery Limits
S17 = 13C2-6:2FTS	40-200%
S18 = 13C2-8:2FTS	40-300%

Appendix F:

Second Soil Vapor Intrusion Memo (April 2024)

SESI CONSULTING ENGINEERS

GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

MEMORANDUM

TO: Melissa Doroski, NYSDOH
Gregory Rys, NYSDOH
Mark Domaracki, NYSDEC

BCP Site No.: C360195
SESI Project No.: 12365B

FROM: Jesse Mausner, SESI

DATE: April 25, 2024

SUBJECT: 130 Midland Avenue – 2nd Soil Vapor Intrusion Evaluation Results

SESI Consulting Engineers (SESI) completed a second Soil Vapor Evaluation at the 130 Midland Avenue BCP Site (BCP Site No. C360195) in accordance with the approved Soil Vapor Intrusion Evaluation Workplan (September 2023) and Site Management Plan (December 2023). The purpose of the evaluation was to make a final determination if an active sub-slab depressurization system (SSDS) will be required with a blower, or if the system continues to function adequately as a passive system. The previous evaluation conducted in October 2023 indicated no exceedances of the NYSDOH "Soil Vapor/Indoor Air Decision Matrices", dated May 2017, and no requirement for an active SSDS for the on-Site building. The NYSDEC requested that the evaluation be repeated when the building's HVAC system was operational during the heating season.

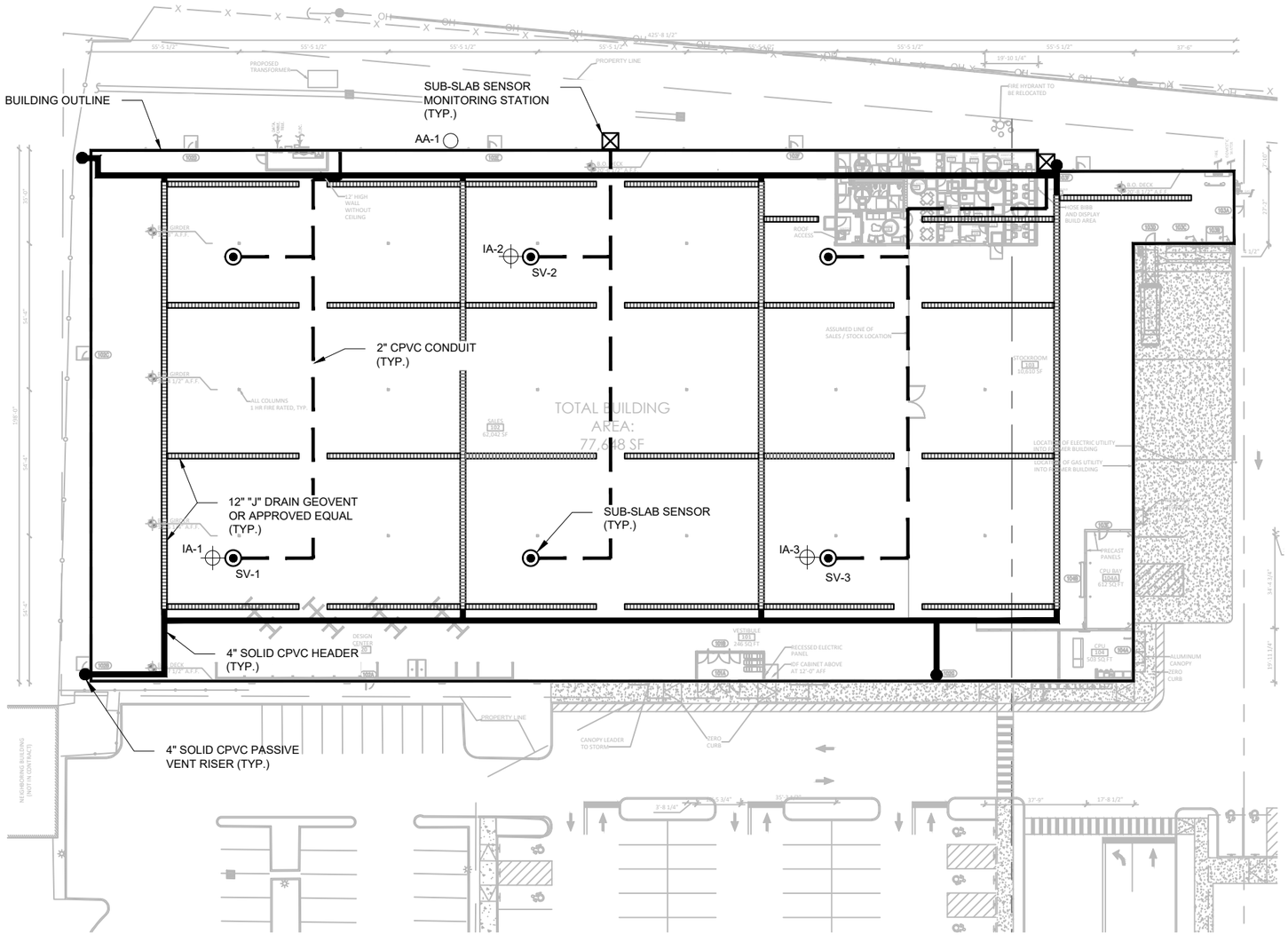
Sub-slab vapor samples with co-located indoor air samples were collected on March 28, 2023, as well as one ambient/outdoor air sample. The soil vapor evaluation sample location plan is illustrated on the attached figure (SV-1). Sub-slab vapor samples were collected from pre-installed sub-slab vapor probes from polyethylene tubing leading from the probes to sub-slab sensor monitoring stations located in the rear of the building, as shown on the attached figure **SV-1**. No field adjustments of sample locations were required.

The results were compared to the NYSDOH "Soil Vapor/Indoor Air Decision Matrices", dated February 2024. Based on the evaluation of all regulated compounds to the Decision Matrices, no further action is required with respect to soil vapor intrusion at the Site. Therefore, an active SSDS is not required for the on-Site building. The vapor sample results summary table is included as **Table 1** (attached). The analytical laboratory report is included as **Attachment 1**.

Prior to sample collection, a pre-sampling building inspection and product inventory was completed in accordance with the *NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in New York State (2006) with updates* in order to identify and minimize conditions that may interfere with the testing. The building inventory form is included as **Attachment 2**.

These evaluation results will also be included in the Periodic Review Report (PRR).

12A Maple Avenue
Pine Brook, NJ 07058
info@sesi.org
www.sesi.org
phone 973.808.9050
fax 973.808.9099



BUILDING PLAN
77,648 SF

NOTES:
1. 3 OF 6 SUB-SLAB SENSORS WILL BE SAMPLED AS PART OF THE SOIL VAPOR EVALUATION.

REFERENCE:
BUILDING INFORMATION TAKEN FROM "FLOOR PLAN" PREPARED BY SBLM ARCHITECTS, DATED AUGUST 17, 2022.

LEGEND:

- SV-3 - SUB-SLAB SENSOR LOCATIONS (6)
- SUB-SLAB SENSOR MONITORING STATION (3)
- 2" CPVC CONDUIT
- 4" PERFORATED PVC PIPE
- 6" SOLID CPVC HEADER
- 6" SOLID CPVC PASSIVE VENT RISER (4)
- IA-3 - INDOOR AIR SAMPLE LOCATION
- AA-1 - OUTDOOR AIR SAMPLE LOCATION

SCALE: 1"=50'
0 50 100

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS 2023
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS

proprietary
be copied or
ut written

N:\ACAD\12365\REPORTS\RAWP\12365.DWG.VAPOR_EVAL_SAMP_SV-1.DWG 09/08/23 04:00:56PM, alan.ward, LAYOUT:FIG SV-1 (11X17)

dwg by: AW
chk by: JM
scale: AS NOTED
date: 09/08/2023

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parsippany, nj 07054 ph: 973.808.9050

project:
FLOOR & DECOR
130 MIDLAND AVENUE
PORT CHESTER, NY

title:
SOIL VAPOR EVALUATION
SAMPLING PLAN

job no: 12365
drawing no:

SV-1

Table 1
Soil Vapor Evaluation Sample Results
130 Midland Avenue, Port Chester, NY

Client Sample ID:		NYSDOH Indoor Air Lower Threshhold Criteria	NYSDOH Sub-slab Lower Threshhold Criteria	IA-1	IA-2	IA-3	AA-1	SV-1	SV-2	SV-3
Lab Sample ID:				JD85406-1	JD85406-2	JD85406-3	JD85406-4	JD85406-5	JD85406-6	JD85406-7
Date Sampled:				3/28/2024	3/28/2024	3/28/2024	3/28/2024	3/28/2024	3/28/2024	3/28/2024
Matrix:				Indoor Air Comp.	Indoor Air Comp.	Indoor Air Comp.	Ambient Air Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.
MS Volatiles (TO-15) - ug/m3										
Acetone (2-Propanone)	ug/m3			48	46.3	22	5.2	6.7	ND (1.4)	20
1,3-Butadiene	ug/m3			ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.75)	ND (0.75)	ND (0.75)
Benzene	ug/m3	2	60	1	0.99	ND (0.077)	0.93	ND (0.31)	ND (0.31)	ND (0.31)
Bromodichloromethane	ug/m3			ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.80)	ND (0.80)	ND (0.80)
Bromoform	ug/m3			ND (0.73) [a]	ND (0.73) [a]	ND (0.73) [a]	ND (0.73) [a]	ND (2.9) [b]	ND (2.9) [b]	ND (2.9) [b]
Bromomethane	ug/m3			ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (1.1)	ND (1.1)	ND (1.1)
Bromoethene	ug/m3			ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (1.0)	ND (1.0)	ND (1.0)
Benzyl Chloride	ug/m3			ND (0.67)	ND (0.67)	ND (0.67)	ND (0.67)	ND (2.6)	ND (2.6)	ND (2.6)
Carbon disulfide	ug/m3			ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.56)	2.5	ND (0.56)
Chlorobenzene	ug/m3			ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (1.4)	ND (1.4)	ND (1.4)
Chloroethane	ug/m3			ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.71)	ND (0.71)	ND (0.71)
Chloroform	ug/m3			ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.73)	2.3 J	ND (0.73)
Chloromethane	ug/m3			0.97	0.99	0.99	0.83	1.1 J	ND (0.74)	1.2 J
3-Chloropropene	ug/m3			ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (1.0)	ND (1.0)	ND (1.0)
2-Chlorotoluene	ug/m3			ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (1.5)	ND (1.5)	ND (1.5)
Carbon tetrachloride	ug/m3	0.2	6	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (1.0)	ND (1.0)	ND (1.0)
Cyclohexane	ug/m3	2	60	1.2	1.2	ND (0.15)	ND (0.15)	ND (0.62)	ND (0.62)	ND (0.62)
1,1-Dichloroethane	ug/m3			ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.93)	ND (0.93)	ND (0.93)
1,1-Dichloroethylene	ug/m3	0.2	6	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.95)	ND (0.95)	ND (0.95)
1,2-Dibromoethane (EDB)	ug/m3			ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.92)	ND (0.92)	ND (0.92)
1,2-Dichloroethane	ug/m3			ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (1.1)	ND (1.1)	ND (1.1)
1,2-Dichloropropane	ug/m3			ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dioxane	ug/m3			0.83	0.79	ND (0.43)	ND (0.43)	ND (1.7)	ND (1.7)	ND (1.7)
Dichlorodifluoromethane	ug/m3			1.5	1.5	1.5	1.6	ND (2.1)	23	ND (2.1)
Dibromochloromethane	ug/m3			ND (0.44)	ND (0.44)	ND (0.44)	ND (0.44)	ND (1.8) [b]	ND (1.8) [b]	ND (1.8) [b]
trans-1,2-Dichloroethylene	ug/m3			ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.44)	ND (0.44)	ND (0.44)
cis-1,2-Dichloroethylene	ug/m3	0.2	6	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.48)	ND (0.48)	ND (0.48)
cis-1,3-Dichloropropene	ug/m3			ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (1.1)	ND (1.1)	ND (1.1)
m-Dichlorobenzene	ug/m3			ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.96)	ND (0.96)	ND (0.96)
o-Dichlorobenzene	ug/m3			ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (1.7)	ND (1.7)	ND (1.7)
p-Dichlorobenzene	ug/m3			ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (1.9)	ND (1.9)	ND (1.9)
trans-1,3-Dichloropropene	ug/m3			ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (1.8)	ND (1.8)	ND (1.8)
Ethanol	ug/m3			64.1	59	44.7	6	6.8	8.1	4.5
Ethylbenzene	ug/m3	2	60	2.6	2.6	ND (0.26)	0.48 J	ND (1.0)	3.1 J	ND (1.0)
Ethyl Acetate	ug/m3			16	18	ND (0.36)	15	22	6.5	6.1
4-Ethyltoluene	ug/m3			ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (1.9)	ND (1.9)	ND (1.9)
Freon 113	ug/m3			ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.92)	ND (0.92)	ND (0.92)
Freon 114	ug/m3			ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (1.4)	ND (1.4)	ND (1.4)
Heptane	ug/m3	6	200	1.4	1.4	ND (0.18)	0.66 J	ND (0.74)	ND (0.74)	ND (0.74)
Hexachlorobutadiene	ug/m3			ND (0.66)	ND (0.66)	ND (0.66)	ND (0.66)	ND (2.7)	ND (2.7)	ND (2.7)
Hexane	ug/m3	6	200	0.78	1.9	0.49 J	1.1	ND (0.74)	0.85 J	ND (0.74)
2-Hexanone	ug/m3			ND (0.61)	ND (0.61)	ND (0.61)	ND (0.61)	ND (2.4)	5.3	ND (2.4)
Isopropyl Alcohol	ug/m3			7.9	7.4	0.91	1.4	ND (1.4)	ND (1.4)	ND (1.4)
Methylene chloride	ug/m3	3	100	2.3	3.8	3.5	1.2	ND (0.76)	ND (0.76)	ND (0.76)
Methyl ethyl ketone	ug/m3			4.4	4.1	ND (0.32)	0.41 J	ND (1.3)	10	8
Methyl Isobutyl Ketone	ug/m3			0.49 J	0.45 J	ND (0.30)	ND (0.30)	ND (1.2)	ND (1.2)	ND (1.2)
Methyl Tert Butyl Ether	ug/m3			ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (1.2)	ND (1.2)	ND (1.2)
Methylmethacrylate	ug/m3			2.8	2.9	ND (0.29)	ND (0.29)	ND (1.1)	ND (1.1)	ND (1.1)
Propylene	ug/m3			ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.98)	86.1	ND (0.98)
Styrene	ug/m3			4.7	4.7	ND (0.23)	ND (0.23)	ND (0.89)	29	ND (0.89)
1,1,1-Trichloroethane	ug/m3	3	100	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.82)	ND (0.82)	ND (0.82)
1,1,2,2-Tetrachloroethane	ug/m3			ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (1.3)	ND (1.3)	ND (1.3)
1,1,2-Trichloroethane	ug/m3			ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.82)	ND (0.82)	ND (0.82)
1,2,4-Trichlorobenzene	ug/m3			ND (0.89)	ND (0.89)	ND (0.89)	ND (0.89)	ND (3.6)	ND (3.6)	ND (3.6)
1,2,4-Trimethylbenzene	ug/m3	2	60	0.79 J	0.84 J	ND (0.43)	ND (0.43)	ND (1.7)	ND (1.7)	ND (1.7)
1,3,5-Trimethylbenzene	ug/m3	2	60	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (1.6)	ND (1.6)	ND (1.6)
2,2,4-Trimethylpentane	ug/m3	2	60	0.65 J	0.61 J	ND (0.19)	0.65 J	ND (0.75)	ND (0.75)	ND (0.75)
Tertiary Butyl Alcohol	ug/m3			1.8	1.6	ND (0.28)	ND (0.28)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrachloroethylene	ug/m3	3	100	0.35	0.35	ND (0.095)	0.28	ND (0.38)	18	ND (0.38)
Tetrahydrofuran	ug/m3			0.56 J	0.53 J	ND (0.27)	ND (0.27)	ND (1.1)	12	336
Toluene	ug/m3	10	300	5.7	5.3	ND (0.21)	2.2	ND (0.87)	ND (0.87)	ND (0.87)
Trichloroethylene	ug/m3	0.2	6	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.41)	1.7	ND (0.41)
Trichlorofluoromethane	ug/m3			1.1	1.1	ND (0.84)	1.1	ND (3.5)	184	ND (3.5)
Vinyl chloride	ug/m3	0.2	6	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.72)	ND (0.72)	ND (0.72)
Vinyl Acetate	ug/m3			ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (1.6)	ND (1.6)	ND (1.6)
m,p-Xylene	ug/m3	6	200	6.5	6.5	ND (0.61)	1.4	ND (2.4)	3.5	ND (2.4)
o-Xylene	ug/m3	2	60	2.7	2.7	ND (0.33)	0.61 J	ND (1.3)	3.1 J	ND (1.3)
Xylenes (total)	ug/m3			9.2	9.2	ND (0.33)	2	ND (1.3)	6.6	ND (1.3)

Attachment 1
Lab Report

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SESI Consulting Engineers

130 Midland Avenue, Port Chester, NY

12365B

SGS Job Number: JD85406

Sampling Date: 03/28/24

Report to:

SESI Consulting Engineers

jam@sesi.org

ATTN: Jesse Mausner

Total number of pages in report: 37

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Kelly Ramos 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

SGS is the sole authority for authorizing edits or modifications to this document.
Unauthorized modification of this report is strictly prohibited.
Review standard terms at: http://www.sgs.com/en/terms-and-conditions

Please share your ideas about how we can serve you better at:
EHS.US.CustomerCare@sgs.com

Table of Contents

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Summary of Hits **6**
Section 4: Sample Results **12**
4.1: JD85406-1: IA-1 13
4.2: JD85406-2: IA-2 16
4.3: JD85406-3: IA-3 19
4.4: JD85406-4: AA-1 22
4.5: JD85406-5: SV-1 25
4.6: JD85406-6: SV-2 28
4.7: JD85406-7: SV-3 31
Section 5: Misc. Forms **34**
5.1: Chain of Custody 35
5.2: Summa Canister and Flow Controller Log 37

Sample Summary

SESI Consulting Engineers

Job No: JD85406

130 Midland Avenue, Port Chester, NY
Project No: 12365B

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD85406-1	03/28/24	10:27	RR	03/28/24	AIR	Indoor Air Comp.	IA-1
JD85406-2	03/28/24	10:19	RR	03/28/24	AIR	Indoor Air Comp.	IA-2
JD85406-3	03/28/24	10:08	RR	03/28/24	AIR	Indoor Air Comp.	IA-3
JD85406-4	03/28/24	11:04	RR	03/28/24	AIR	Ambient Air Comp.	AA-1
JD85406-5	03/28/24	11:51	RR	03/28/24	AIR	Soil Vapor Comp.	SV-1
JD85406-6	03/28/24	11:28	RR	03/28/24	AIR	Soil Vapor Comp.	SV-2
JD85406-7	03/28/24	12:02	RR	03/28/24	AIR	Soil Vapor Comp.	SV-3

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	SESI Consulting Engineers	**Job No:**	JD85406
Site:	130 Midland Avenue, Port Chester, NY	**Report Date**	4/8/2024 5:51:47 AM

On 03/28/2024, 7 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of XXXXNO TEMPERATURE FOUNDXXXX °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD85406 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method TO-15

Matrix: AIR **Batch ID:** V7W225

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD85272-1DUP were used as the QC samples indicated.
- The blank spike (BS) recovery(s) of Bromoform are outside control limits.
- JD85406-1 for Bromoform: This compound in blank spike is outside in house QC limits bias high.
- JD85406-2 for Bromoform: This compound in blank spike is outside in house QC limits bias high.
- JD85406-3 for Bromoform: This compound in blank spike is outside in house QC limits bias high.
- JD85406-4 for Bromoform: This compound in blank spike is outside in house QC limits bias high.
- V7W225-BS for Bromoform: High percent recovery and no associated positive reported in the QC batch.

Matrix: AIR **Batch ID:** V7W226

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD85430-1DUP were used as the QC samples indicated.
- The blank spike (BS) recovery(s) of Bromoform, Dibromochloromethane are outside control limits.
- The duplicate RPD(s) for 2,2,4-Trimethylpentane, Ethylbenzene, Tetrahydrofuran are outside control limits for sample JD85430-1DUP. RPD acceptable due to low DUP and sample concentrations.
- V7W226-BS for Bromoform: High percent recovery and no associated positive reported in the QC batch.
- V7W226-BS for Dibromochloromethane: High percent recovery and no associated positive reported in the QC batch.
- JD85406-7 for Dibromochloromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD85406-5 for Bromoform: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD85406-5 for Dibromochloromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD85406-6 for Bromoform: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD85406-6 for Dibromochloromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD85406-7 for Bromoform: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD85406-1	**IA-1**					
Acetone (2-Propanone)		20.2	0.20	0.15	ppbv	TO-15
Benzene		0.32	0.20	0.024	ppbv	TO-15
Chloromethane		0.47	0.20	0.090	ppbv	TO-15
Cyclohexane		0.35	0.20	0.045	ppbv	TO-15
1,4-Dioxane		0.23	0.20	0.12	ppbv	TO-15
Dichlorodifluoromethane		0.31	0.20	0.10	ppbv	TO-15
Ethanol		34.0	0.50	0.39	ppbv	TO-15
Ethylbenzene		0.59	0.20	0.061	ppbv	TO-15
Ethyl Acetate		4.4	0.20	0.10	ppbv	TO-15
Heptane		0.34	0.20	0.045	ppbv	TO-15
Hexane		0.22	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol		3.2	0.20	0.14	ppbv	TO-15
Methylene chloride		0.65	0.20	0.056	ppbv	TO-15
Methyl ethyl ketone		1.5	0.20	0.11	ppbv	TO-15
Methyl Isobutyl Ketone		0.12 J	0.20	0.073	ppbv	TO-15
Methylmethacrylate		0.68	0.20	0.070	ppbv	TO-15
Styrene		1.1	0.20	0.053	ppbv	TO-15
1,2,4-Trimethylbenzene		0.16 J	0.20	0.087	ppbv	TO-15
2,2,4-Trimethylpentane		0.14 J	0.20	0.040	ppbv	TO-15
Tertiary Butyl Alcohol		0.58	0.20	0.093	ppbv	TO-15
Tetrachloroethylene		0.051	0.040	0.014	ppbv	TO-15
Tetrahydrofuran		0.19 J	0.20	0.090	ppbv	TO-15
Toluene		1.5	0.20	0.057	ppbv	TO-15
Trichlorofluoromethane		0.19	0.10	0.15	ppbv	TO-15
m,p-Xylene		1.5	0.20	0.14	ppbv	TO-15
o-Xylene		0.63	0.20	0.077	ppbv	TO-15
Xylenes (total)		2.1	0.20	0.077	ppbv	TO-15
Acetone (2-Propanone)		48.0	0.48	0.36	ug/m3	TO-15
Benzene		1.0	0.64	0.077	ug/m3	TO-15
Chloromethane		0.97	0.41	0.19	ug/m3	TO-15
Cyclohexane		1.2	0.69	0.15	ug/m3	TO-15
1,4-Dioxane		0.83	0.72	0.43	ug/m3	TO-15
Dichlorodifluoromethane		1.5	0.99	0.49	ug/m3	TO-15
Ethanol		64.1	0.94	0.73	ug/m3	TO-15
Ethylbenzene		2.6	0.87	0.26	ug/m3	TO-15
Ethyl Acetate		16	0.72	0.36	ug/m3	TO-15
Heptane		1.4	0.82	0.18	ug/m3	TO-15
Hexane		0.78	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol		7.9	0.49	0.34	ug/m3	TO-15
Methylene chloride		2.3	0.69	0.19	ug/m3	TO-15
Methyl ethyl ketone		4.4	0.59	0.32	ug/m3	TO-15
Methyl Isobutyl Ketone		0.49 J	0.82	0.30	ug/m3	TO-15
Methylmethacrylate		2.8	0.82	0.29	ug/m3	TO-15

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Styrene		4.7	0.85	0.23	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.79 J	0.98	0.43	ug/m3	TO-15
2,2,4-Trimethylpentane		0.65 J	0.93	0.19	ug/m3	TO-15
Tertiary Butyl Alcohol		1.8	0.61	0.28	ug/m3	TO-15
Tetrachloroethylene		0.35	0.27	0.095	ug/m3	TO-15
Tetrahydrofuran		0.56 J	0.59	0.27	ug/m3	TO-15
Toluene		5.7	0.75	0.21	ug/m3	TO-15
Trichlorofluoromethane		1.1	0.56	0.84	ug/m3	TO-15
m,p-Xylene		6.5	0.87	0.61	ug/m3	TO-15
o-Xylene		2.7	0.87	0.33	ug/m3	TO-15
Xylenes (total)		9.2	0.87	0.33	ug/m3	TO-15
JD85406-2	**IA-2**					
Acetone (2-Propanone)		19.5	0.20	0.15	ppbv	TO-15
Benzene		0.31	0.20	0.024	ppbv	TO-15
Chloromethane		0.48	0.20	0.090	ppbv	TO-15
Cyclohexane		0.34	0.20	0.045	ppbv	TO-15
1,4-Dioxane		0.22	0.20	0.12	ppbv	TO-15
Dichlorodifluoromethane		0.31	0.20	0.10	ppbv	TO-15
Ethanol		31.3	0.50	0.39	ppbv	TO-15
Ethylbenzene		0.59	0.20	0.061	ppbv	TO-15
Ethyl Acetate		5.1	0.20	0.10	ppbv	TO-15
Heptane		0.33	0.20	0.045	ppbv	TO-15
Hexane		0.54	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol		3.0	0.20	0.14	ppbv	TO-15
Methylene chloride		1.1	0.20	0.056	ppbv	TO-15
Methyl ethyl ketone		1.4	0.20	0.11	ppbv	TO-15
Methyl Isobutyl Ketone		0.11 J	0.20	0.073	ppbv	TO-15
Methylmethacrylate		0.70	0.20	0.070	ppbv	TO-15
Styrene		1.1	0.20	0.053	ppbv	TO-15
1,2,4-Trimethylbenzene		0.17 J	0.20	0.087	ppbv	TO-15
2,2,4-Trimethylpentane		0.13 J	0.20	0.040	ppbv	TO-15
Tertiary Butyl Alcohol		0.53	0.20	0.093	ppbv	TO-15
Tetrachloroethylene		0.051	0.040	0.014	ppbv	TO-15
Tetrahydrofuran		0.18 J	0.20	0.090	ppbv	TO-15
Toluene		1.4	0.20	0.057	ppbv	TO-15
Trichlorofluoromethane		0.19	0.10	0.15	ppbv	TO-15
m,p-Xylene		1.5	0.20	0.14	ppbv	TO-15
o-Xylene		0.62	0.20	0.077	ppbv	TO-15
Xylenes (total)		2.1	0.20	0.077	ppbv	TO-15
Acetone (2-Propanone)		46.3	0.48	0.36	ug/m3	TO-15
Benzene		0.99	0.64	0.077	ug/m3	TO-15
Chloromethane		0.99	0.41	0.19	ug/m3	TO-15
Cyclohexane		1.2	0.69	0.15	ug/m3	TO-15

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
1,4-Dioxane	0.79	0.72	0.43	ug/m3	TO-15
Dichlorodifluoromethane	1.5	0.99	0.49	ug/m3	TO-15
Ethanol	59.0	0.94	0.73	ug/m3	TO-15
Ethylbenzene	2.6	0.87	0.26	ug/m3	TO-15
Ethyl Acetate	18	0.72	0.36	ug/m3	TO-15
Heptane	1.4	0.82	0.18	ug/m3	TO-15
Hexane	1.9	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol	7.4	0.49	0.34	ug/m3	TO-15
Methylene chloride	3.8	0.69	0.19	ug/m3	TO-15
Methyl ethyl ketone	4.1	0.59	0.32	ug/m3	TO-15
Methyl Isobutyl Ketone	0.45 J	0.82	0.30	ug/m3	TO-15
Methylmethacrylate	2.9	0.82	0.29	ug/m3	TO-15
Styrene	4.7	0.85	0.23	ug/m3	TO-15
1,2,4-Trimethylbenzene	0.84 J	0.98	0.43	ug/m3	TO-15
2,2,4-Trimethylpentane	0.61 J	0.93	0.19	ug/m3	TO-15
Tertiary Butyl Alcohol	1.6	0.61	0.28	ug/m3	TO-15
Tetrachloroethylene	0.35	0.27	0.095	ug/m3	TO-15
Tetrahydrofuran	0.53 J	0.59	0.27	ug/m3	TO-15
Toluene	5.3	0.75	0.21	ug/m3	TO-15
Trichlorofluoromethane	1.1	0.56	0.84	ug/m3	TO-15
m,p-Xylene	6.5	0.87	0.61	ug/m3	TO-15
o-Xylene	2.7	0.87	0.33	ug/m3	TO-15
Xylenes (total)	9.2	0.87	0.33	ug/m3	TO-15
JD85406-3 IA-3					
Acetone (2-Propanone)	9.2	0.20	0.15	ppbv	TO-15
Chloromethane	0.48	0.20	0.090	ppbv	TO-15
Dichlorodifluoromethane	0.31	0.20	0.10	ppbv	TO-15
Ethanol	23.7	0.50	0.39	ppbv	TO-15
Hexane	0.14 J	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol	0.37	0.20	0.14	ppbv	TO-15
Methylene chloride	1.0	0.20	0.056	ppbv	TO-15
Acetone (2-Propanone)	22	0.48	0.36	ug/m3	TO-15
Chloromethane	0.99	0.41	0.19	ug/m3	TO-15
Dichlorodifluoromethane	1.5	0.99	0.49	ug/m3	TO-15
Ethanol	44.7	0.94	0.73	ug/m3	TO-15
Hexane	0.49 J	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol	0.91	0.49	0.34	ug/m3	TO-15
Methylene chloride	3.5	0.69	0.19	ug/m3	TO-15
JD85406-4 AA-1					
Acetone (2-Propanone)	2.2	0.20	0.15	ppbv	TO-15
Benzene	0.29	0.20	0.024	ppbv	TO-15

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Chloromethane	0.40	0.20	0.090	ppbv	TO-15
Dichlorodifluoromethane	0.32	0.20	0.10	ppbv	TO-15
Ethanol	3.2	0.50	0.39	ppbv	TO-15
Ethylbenzene	0.11 J	0.20	0.061	ppbv	TO-15
Ethyl Acetate	4.1	0.20	0.10	ppbv	TO-15
Heptane	0.16 J	0.20	0.045	ppbv	TO-15
Hexane	0.30	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol	0.56	0.20	0.14	ppbv	TO-15
Methylene chloride	0.34	0.20	0.056	ppbv	TO-15
Methyl ethyl ketone	0.14 J	0.20	0.11	ppbv	TO-15
2,2,4-Trimethylpentane	0.14 J	0.20	0.040	ppbv	TO-15
Tetrachloroethylene	0.041	0.040	0.014	ppbv	TO-15
Toluene	0.58	0.20	0.057	ppbv	TO-15
Trichlorofluoromethane	0.19	0.10	0.15	ppbv	TO-15
m,p-Xylene	0.32	0.20	0.14	ppbv	TO-15
o-Xylene	0.14 J	0.20	0.077	ppbv	TO-15
Xylenes (total)	0.46	0.20	0.077	ppbv	TO-15
Acetone (2-Propanone)	5.2	0.48	0.36	ug/m3	TO-15
Benzene	0.93	0.64	0.077	ug/m3	TO-15
Chloromethane	0.83	0.41	0.19	ug/m3	TO-15
Dichlorodifluoromethane	1.6	0.99	0.49	ug/m3	TO-15
Ethanol	6.0	0.94	0.73	ug/m3	TO-15
Ethylbenzene	0.48 J	0.87	0.26	ug/m3	TO-15
Ethyl Acetate	15	0.72	0.36	ug/m3	TO-15
Heptane	0.66 J	0.82	0.18	ug/m3	TO-15
Hexane	1.1	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol	1.4	0.49	0.34	ug/m3	TO-15
Methylene chloride	1.2	0.69	0.19	ug/m3	TO-15
Methyl ethyl ketone	0.41 J	0.59	0.32	ug/m3	TO-15
2,2,4-Trimethylpentane	0.65 J	0.93	0.19	ug/m3	TO-15
Tetrachloroethylene	0.28	0.27	0.095	ug/m3	TO-15
Toluene	2.2	0.75	0.21	ug/m3	TO-15
Trichlorofluoromethane	1.1	0.56	0.84	ug/m3	TO-15
m,p-Xylene	1.4	0.87	0.61	ug/m3	TO-15
o-Xylene	0.61 J	0.87	0.33	ug/m3	TO-15
Xylenes (total)	2.0	0.87	0.33	ug/m3	TO-15
JD85406-5 SV-1					
Acetone (2-Propanone)	2.8	0.80	0.58	ppbv	TO-15
Chloromethane	0.52 J	0.80	0.36	ppbv	TO-15
Ethanol	3.6	2.0	1.6	ppbv	TO-15
Ethyl Acetate	6.2	0.80	0.42	ppbv	TO-15
Acetone (2-Propanone)	6.7	1.9	1.4	ug/m3	TO-15
Chloromethane	1.1 J	1.7	0.74	ug/m3	TO-15

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethanol		6.8	3.8	3.0	ug/m3	TO-15
Ethyl Acetate		22	2.9	1.5	ug/m3	TO-15
JD85406-6	**SV-2**					
Carbon disulfide		0.81	0.80	0.18	ppbv	TO-15
Chloroform		0.48 J	0.80	0.15	ppbv	TO-15
Dichlorodifluoromethane		4.6	0.80	0.42	ppbv	TO-15
Ethanol		4.3	2.0	1.6	ppbv	TO-15
Ethylbenzene		0.71 J	0.80	0.24	ppbv	TO-15
Ethyl Acetate		1.8	0.80	0.42	ppbv	TO-15
Hexane		0.24 J	0.80	0.21	ppbv	TO-15
2-Hexanone		1.3	0.80	0.58	ppbv	TO-15
Methyl ethyl ketone		3.4	0.80	0.44	ppbv	TO-15
Propylene		50.1	2.0	0.57	ppbv	TO-15
Styrene		6.7	0.80	0.21	ppbv	TO-15
Tetrachloroethylene		2.7	0.16	0.056	ppbv	TO-15
Tetrahydrofuran		3.9	0.80	0.36	ppbv	TO-15
Trichloroethylene		0.31	0.16	0.076	ppbv	TO-15
Trichlorofluoromethane		32.7	0.40	0.62	ppbv	TO-15
m,p-Xylene		0.80	0.80	0.56	ppbv	TO-15
o-Xylene		0.71 J	0.80	0.31	ppbv	TO-15
Xylenes (total)		1.5	0.80	0.31	ppbv	TO-15
Carbon disulfide		2.5	2.5	0.56	ug/m3	TO-15
Chloroform		2.3 J	3.9	0.73	ug/m3	TO-15
Dichlorodifluoromethane		23	4.0	2.1	ug/m3	TO-15
Ethanol		8.1	3.8	3.0	ug/m3	TO-15
Ethylbenzene		3.1 J	3.5	1.0	ug/m3	TO-15
Ethyl Acetate		6.5	2.9	1.5	ug/m3	TO-15
Hexane		0.85 J	2.8	0.74	ug/m3	TO-15
2-Hexanone		5.3	3.3	2.4	ug/m3	TO-15
Methyl ethyl ketone		10	2.4	1.3	ug/m3	TO-15
Propylene		86.1	3.4	0.98	ug/m3	TO-15
Styrene		29	3.4	0.89	ug/m3	TO-15
Tetrachloroethylene		18	1.1	0.38	ug/m3	TO-15
Tetrahydrofuran		12	2.4	1.1	ug/m3	TO-15
Trichloroethylene		1.7	0.86	0.41	ug/m3	TO-15
Trichlorofluoromethane		184	2.2	3.5	ug/m3	TO-15
m,p-Xylene		3.5	3.5	2.4	ug/m3	TO-15
o-Xylene		3.1 J	3.5	1.3	ug/m3	TO-15
Xylenes (total)		6.6	3.5	1.3	ug/m3	TO-15
JD85406-7	**SV-3**					
Acetone (2-Propanone)		8.5	0.80	0.58	ppbv	TO-15

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Chloromethane		0.59 J	0.80	0.36	ppbv	TO-15
Ethanol		2.4	2.0	1.6	ppbv	TO-15
Ethyl Acetate		1.7	0.80	0.42	ppbv	TO-15
Methyl ethyl ketone		2.7	0.80	0.44	ppbv	TO-15
Tetrahydrofuran		114	0.80	0.36	ppbv	TO-15
Acetone (2-Propanone)		20	1.9	1.4	ug/m3	TO-15
Chloromethane		1.2 J	1.7	0.74	ug/m3	TO-15
Ethanol		4.5	3.8	3.0	ug/m3	TO-15
Ethyl Acetate		6.1	2.9	1.5	ug/m3	TO-15
Methyl ethyl ketone		8.0	2.4	1.3	ug/m3	TO-15
Tetrahydrofuran		336	2.4	1.1	ug/m3	TO-15

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: IA-1
Lab Sample ID: JD85406-1
Matrix: AIR - Indoor Air Comp. Summa ID: M171
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05940.D	1	04/04/24 01:19	TS	n/a	n/a	V7W225
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	20.2	0.20	0.15	ppbv		48.0	0.48	0.36	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	0.19	ug/m3
71-43-2	78.11	Benzene	0.32	0.20	0.024	ppbv		1.0	0.64	0.077	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.030	ppbv		ND	0.67	0.20	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.040	0.071	ppbv		ND	0.41	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.47	0.20	0.090	ppbv		0.97	0.41	0.19	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	0.26	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	0.37	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.040	ppbv		ND	0.25	0.25	ug/m3
110-82-7	84.16	Cyclohexane	0.35	0.20	0.045	ppbv		1.2	0.69	0.15	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	0.23	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.040	0.059	ppbv		ND	0.16	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.10	0.030	ppbv		ND	0.77	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	0.23	0.20	0.12	ppbv		0.83	0.72	0.43	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.31	0.20	0.10	ppbv		1.5	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.052	ppbv		ND	0.85	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.040	0.030	ppbv		ND	0.16	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.040	ppbv		ND	0.60	0.24	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.069	ppbv		ND	0.24	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.079	ppbv		ND	0.60	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-1
Lab Sample ID: JD85406-1
Matrix: AIR - Indoor Air Comp. Summa ID: M171
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	34.0	0.50	0.39	ppbv		64.1	0.94	0.73	ug/m3
100-41-4	106.2	Ethylbenzene	0.59	0.20	0.061	ppbv		2.6	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	4.4	0.20	0.10	ppbv		16	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.031	ppbv		ND	0.77	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.050	ppbv		ND	0.70	0.35	ug/m3
142-82-5	100.2	Heptane	0.34	0.20	0.045	ppbv		1.4	0.82	0.18	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.062	ppbv		ND	0.96	0.66	ug/m3
110-54-3	86.18	Hexane	0.22	0.20	0.052	ppbv		0.78	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	3.2	0.20	0.14	ppbv		7.9	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	0.65	0.20	0.056	ppbv		2.3	0.69	0.19	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.5	0.20	0.11	ppbv		4.4	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.12	0.20	0.073	ppbv	J	0.49	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
80-62-6	100.12	Methylmethacrylate	0.68	0.20	0.070	ppbv		2.8	0.82	0.29	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	1.1	0.20	0.053	ppbv		4.7	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.037	ppbv		ND	0.55	0.20	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.10	0.048	ppbv		ND	0.69	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.038	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.12	ppbv		ND	0.74	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	0.16	0.20	0.087	ppbv	J	0.79	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.14	0.20	0.040	ppbv	J	0.65	0.93	0.19	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.58	0.20	0.093	ppbv		1.8	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.051	0.040	0.014	ppbv		0.35	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.19	0.20	0.090	ppbv	J	0.56	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	1.5	0.20	0.057	ppbv		5.7	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.19	0.10	0.15	ppbv		1.1	0.56	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.069	ppbv		ND	0.10	0.18	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	0.39	ug/m3
	106.2	m,p-Xylene	1.5	0.20	0.14	ppbv		6.5	0.87	0.61	ug/m3
95-47-6	106.2	o-Xylene	0.63	0.20	0.077	ppbv		2.7	0.87	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	2.1	0.20	0.077	ppbv		9.2	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA-1		
Lab Sample ID:	JD85406-1	**Date Sampled:**	03/28/24
Matrix:	AIR - Indoor Air Comp. Summa ID: M171	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-2
Lab Sample ID: JD85406-2
Matrix: AIR - Indoor Air Comp. Summa ID: A631
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05939.D	1	04/04/24 00:38	TS	n/a	n/a	V7W225
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	19.5	0.20	0.15	ppbv		46.3	0.48	0.36	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	0.19	ug/m3
71-43-2	78.11	Benzene	0.31	0.20	0.024	ppbv		0.99	0.64	0.077	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.030	ppbv		ND	0.67	0.20	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.040	0.071	ppbv		ND	0.41	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.48	0.20	0.090	ppbv		0.99	0.41	0.19	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	0.26	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	0.37	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.040	ppbv		ND	0.25	0.25	ug/m3
110-82-7	84.16	Cyclohexane	0.34	0.20	0.045	ppbv		1.2	0.69	0.15	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	0.23	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.040	0.059	ppbv		ND	0.16	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.10	0.030	ppbv		ND	0.77	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	0.22	0.20	0.12	ppbv		0.79	0.72	0.43	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.31	0.20	0.10	ppbv		1.5	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.052	ppbv		ND	0.85	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.040	0.030	ppbv		ND	0.16	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.040	ppbv		ND	0.60	0.24	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.069	ppbv		ND	0.24	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.079	ppbv		ND	0.60	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-2
Lab Sample ID: JD85406-2
Matrix: AIR - Indoor Air Comp. Summa ID: A631
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	31.3	0.50	0.39	ppbv		59.0	0.94	0.73	ug/m3
100-41-4	106.2	Ethylbenzene	0.59	0.20	0.061	ppbv		2.6	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	5.1	0.20	0.10	ppbv		18	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.031	ppbv		ND	0.77	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.050	ppbv		ND	0.70	0.35	ug/m3
142-82-5	100.2	Heptane	0.33	0.20	0.045	ppbv		1.4	0.82	0.18	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.062	ppbv		ND	0.96	0.66	ug/m3
110-54-3	86.18	Hexane	0.54	0.20	0.052	ppbv		1.9	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	3.0	0.20	0.14	ppbv		7.4	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	1.1	0.20	0.056	ppbv		3.8	0.69	0.19	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.4	0.20	0.11	ppbv		4.1	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.11	0.20	0.073	ppbv	J	0.45	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
80-62-6	100.12	Methylmethacrylate	0.70	0.20	0.070	ppbv		2.9	0.82	0.29	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	1.1	0.20	0.053	ppbv		4.7	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.037	ppbv		ND	0.55	0.20	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.10	0.048	ppbv		ND	0.69	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.038	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.12	ppbv		ND	0.74	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	0.17	0.20	0.087	ppbv	J	0.84	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.13	0.20	0.040	ppbv	J	0.61	0.93	0.19	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.53	0.20	0.093	ppbv		1.6	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.051	0.040	0.014	ppbv		0.35	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.18	0.20	0.090	ppbv	J	0.53	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	1.4	0.20	0.057	ppbv		5.3	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.19	0.10	0.15	ppbv		1.1	0.56	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.069	ppbv		ND	0.10	0.18	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	0.39	ug/m3
	106.2	m,p-Xylene	1.5	0.20	0.14	ppbv		6.5	0.87	0.61	ug/m3
95-47-6	106.2	o-Xylene	0.62	0.20	0.077	ppbv		2.7	0.87	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	2.1	0.20	0.077	ppbv		9.2	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA-2		
Lab Sample ID:	JD85406-2	**Date Sampled:**	03/28/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A631	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-3
Lab Sample ID: JD85406-3
Matrix: AIR - Indoor Air Comp. Summa ID: A1177
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05941.D	1	04/04/24 01:59	TS	n/a	n/a	V7W225
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	9.2	0.20	0.15	ppbv		22	0.48	0.36	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	0.19	ug/m3
71-43-2	78.11	Benzene	ND	0.20	0.024	ppbv		ND	0.64	0.077	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.030	ppbv		ND	0.67	0.20	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.040	0.071	ppbv		ND	0.41	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.48	0.20	0.090	ppbv		0.99	0.41	0.19	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	0.26	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	0.37	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.040	ppbv		ND	0.25	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	0.15	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	0.23	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.040	0.059	ppbv		ND	0.16	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.10	0.030	ppbv		ND	0.77	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	0.43	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.31	0.20	0.10	ppbv		1.5	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.052	ppbv		ND	0.85	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.040	0.030	ppbv		ND	0.16	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.040	ppbv		ND	0.60	0.24	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.069	ppbv		ND	0.24	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.079	ppbv		ND	0.60	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-3
Lab Sample ID: JD85406-3
Matrix: AIR - Indoor Air Comp. Summa ID: A1177
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	23.7	0.50	0.39	ppbv		44.7	0.94	0.73	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.031	ppbv		ND	0.77	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.050	ppbv		ND	0.70	0.35	ug/m3
142-82-5	100.2	Heptane	ND	0.20	0.045	ppbv		ND	0.82	0.18	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.062	ppbv		ND	0.96	0.66	ug/m3
110-54-3	86.18	Hexane	0.14	0.20	0.052	ppbv	J	0.49	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.37	0.20	0.14	ppbv		0.91	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	1.0	0.20	0.056	ppbv		3.5	0.69	0.19	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	0.29	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.053	ppbv		ND	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.037	ppbv		ND	0.55	0.20	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.10	0.048	ppbv		ND	0.69	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.038	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.12	ppbv		ND	0.74	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	0.19	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	ND	0.20	0.057	ppbv		ND	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.10	0.15	ppbv		ND	0.56	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.069	ppbv		ND	0.10	0.18	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	0.39	ug/m3
	106.2	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	0.61	ug/m3
95-47-6	106.2	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA-3		
Lab Sample ID:	JD85406-3	**Date Sampled:**	03/28/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A1177	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AA-1
Lab Sample ID: JD85406-4
Matrix: AIR - Ambient Air Comp. Summa ID: M121
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05942.D	1	04/04/24 02:40	TS	n/a	n/a	V7W225
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	2.2	0.20	0.15	ppbv		5.2	0.48	0.36	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	0.19	ug/m3
71-43-2	78.11	Benzene	0.29	0.20	0.024	ppbv		0.93	0.64	0.077	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.030	ppbv		ND	0.67	0.20	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.040	0.071	ppbv		ND	0.41	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.40	0.20	0.090	ppbv		0.83	0.41	0.19	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	0.26	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	0.37	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.040	ppbv		ND	0.25	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	0.15	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	0.23	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.040	0.059	ppbv		ND	0.16	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.10	0.030	ppbv		ND	0.77	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	0.43	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.32	0.20	0.10	ppbv		1.6	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.052	ppbv		ND	0.85	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.040	0.030	ppbv		ND	0.16	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.040	ppbv		ND	0.60	0.24	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.069	ppbv		ND	0.24	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.079	ppbv		ND	0.60	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AA-1
Lab Sample ID: JD85406-4
Matrix: AIR - Ambient Air Comp. Summa ID: M121
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	3.2	0.50	0.39	ppbv		6.0	0.94	0.73	ug/m3
100-41-4	106.2	Ethylbenzene	0.11	0.20	0.061	ppbv	J	0.48	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	4.1	0.20	0.10	ppbv		15	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.031	ppbv		ND	0.77	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.050	ppbv		ND	0.70	0.35	ug/m3
142-82-5	100.2	Heptane	0.16	0.20	0.045	ppbv	J	0.66	0.82	0.18	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.062	ppbv		ND	0.96	0.66	ug/m3
110-54-3	86.18	Hexane	0.30	0.20	0.052	ppbv		1.1	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.56	0.20	0.14	ppbv		1.4	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	0.34	0.20	0.056	ppbv		1.2	0.69	0.19	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.14	0.20	0.11	ppbv	J	0.41	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	0.29	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.053	ppbv		ND	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.037	ppbv		ND	0.55	0.20	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.10	0.048	ppbv		ND	0.69	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.038	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.12	ppbv		ND	0.74	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.14	0.20	0.040	ppbv	J	0.65	0.93	0.19	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.041	0.040	0.014	ppbv		0.28	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	0.58	0.20	0.057	ppbv		2.2	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.19	0.10	0.15	ppbv		1.1	0.56	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.069	ppbv		ND	0.10	0.18	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	0.39	ug/m3
	106.2	m,p-Xylene	0.32	0.20	0.14	ppbv		1.4	0.87	0.61	ug/m3
95-47-6	106.2	o-Xylene	0.14	0.20	0.077	ppbv	J	0.61	0.87	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	0.46	0.20	0.077	ppbv		2.0	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AA-1		
Lab Sample ID:	JD85406-4	**Date Sampled:**	03/28/24
Matrix:	AIR - Ambient Air Comp. Summa ID: M121	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-1
Lab Sample ID: JD85406-5
Matrix: AIR - Soil Vapor Comp. Summa ID: A1860
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05955.D	1	04/04/24 13:06	TS	n/a	n/a	V7W226
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	2.8	0.80	0.58	ppbv		6.7	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.096	ppbv		ND	2.6	0.31	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.18	ppbv		ND	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	0.52	0.80	0.36	ppbv	J	1.1	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.47	ppbv		ND	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane [a]	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-1
Lab Sample ID: JD85406-5
Matrix: AIR - Soil Vapor Comp. Summa ID: A1860
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	3.6	2.0	1.6	ppbv		6.8	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	6.2	0.80	0.42	ppbv		22	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.18	ppbv		ND	3.3	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	ND	0.80	0.21	ppbv		ND	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.22	ppbv		ND	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.44	ppbv		ND	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.62	ppbv		ND	2.2	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.56	ppbv		ND	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-1		
Lab Sample ID:	JD85406-5	**Date Sampled:**	03/28/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1860	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-2
Lab Sample ID: JD85406-6
Matrix: AIR - Soil Vapor Comp. Summa ID: A2009
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05956.D	1	04/04/24 13:42	TS	n/a	n/a	V7W226
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	ND	0.80	0.58	ppbv		ND	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.096	ppbv		ND	2.6	0.31	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	0.81	0.80	0.18	ppbv		2.5	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	0.48	0.80	0.15	ppbv	J	2.3	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.47	ppbv		ND	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	4.6	0.80	0.42	ppbv		23	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane [a]	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-2
Lab Sample ID: JD85406-6
Matrix: AIR - Soil Vapor Comp. Summa ID: A2009
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	4.3	2.0	1.6	ppbv		8.1	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	0.71	0.80	0.24	ppbv	J	3.1	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	1.8	0.80	0.42	ppbv		6.5	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.18	ppbv		ND	3.3	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	0.24	0.80	0.21	ppbv	J	0.85	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	1.3	0.80	0.58	ppbv		5.3	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.22	ppbv		ND	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.4	0.80	0.44	ppbv		10	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	50.1	2.0	0.57	ppbv		86.1	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	6.7	0.80	0.21	ppbv		29	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	2.7	0.16	0.056	ppbv		18	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	3.9	0.80	0.36	ppbv		12	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	0.31	0.16	0.076	ppbv		1.7	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	32.7	0.40	0.62	ppbv		184	2.2	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	0.80	0.80	0.56	ppbv		3.5	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	0.71	0.80	0.31	ppbv	J	3.1	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	1.5	0.80	0.31	ppbv		6.6	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-2		
Lab Sample ID:	JD85406-6	**Date Sampled:**	03/28/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2009	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-3
Lab Sample ID: JD85406-7
Matrix: AIR - Soil Vapor Comp. Summa ID: A1206
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05957.D	1	04/04/24 14:17	TS	n/a	n/a	V7W226
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	8.5	0.80	0.58	ppbv		20	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.096	ppbv		ND	2.6	0.31	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.18	ppbv		ND	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	0.59	0.80	0.36	ppbv	J	1.2	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.47	ppbv		ND	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane [a]	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-3
Lab Sample ID: JD85406-7
Matrix: AIR - Soil Vapor Comp. Summa ID: A1206
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	2.4	2.0	1.6	ppbv		4.5	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	1.7	0.80	0.42	ppbv		6.1	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.18	ppbv		ND	3.3	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	ND	0.80	0.21	ppbv		ND	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.22	ppbv		ND	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.7	0.80	0.44	ppbv		8.0	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	114	0.80	0.36	ppbv		336	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.62	ppbv		ND	2.2	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.56	ppbv		ND	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-3		
Lab Sample ID:	JD85406-7	**Date Sampled:**	03/28/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1206	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

SGS

SUMMA

AIR CHAIN OF CUSTODY

JD85406 PAGE 1 OF 1

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

FED-EX Tracking #

Bottle Order Control #: 85724.97

SGS Quote #

SGS Job #

Client / Reporting Information

Company Name: SESI
Address: 95 RT 46 f13,300
City: Parsippany State: NJ Zip: 07054
Project Contact: JESSE MAUSNER E-mail: JAM@SESI.org
Phone #: 973 809 2079 Fax #:
Sampler(s) Name(s):

Project Information

Project Name: 130 MIDLAND
Street: 130 MIDLAND
City: Portchester State: NY
Project #: 12365 B
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit)
Start: 800 Maximum: 50
Stop: 1300 Minimum: 43
Atmoshpheric Pressure (inches of Hg)
Start: 800 Maximum:
Stop: 1300 Minimum: 29.95
Other weather comment: Rainy

Requested Analysis

TO-15

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient (A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	TO-15
1	IA-1	I	M171	6L	fc673	3/28/24	955	-30		RP	3/28/24	1027	-1.0		RP	X
2	IA-2	↓	A631	6L	fc651		945	-31				1019	-5.0			
3	IA-3		A1177	6L	fc993		935	-26				1008	-2.0			
4	AA-1	A	M121		fc763		1635	-30				1104	-4.0			
5	SV-1	SV	A1860		fc909		1115	-28				1151	-8.1			
6	SV-2	↓	A2009		fc002		1046	-29				1128	-4		↓	
7	SV-3	↓	A1206	↓	fc841	↓	1136	-29		↓	↓	1202	-5			↓

Turnaround Time (Business days)

- [X] Standard - 15 Days (SESI Standard (4 TAT))
- [ ] 10 Day
- [ ] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [ ] 1 Day
- [ ] Other

Approved By:
Date:

Data Deliverable Information

All NJDEP TO-15 is Mandatory Full T1
Comm A
Comm B
Reduced T2
Full T1 [X]
Other:
DKQP reporting

Comments / Remarks

Initial Assessment AA
Label Verification
Sample inventory is verified upon receipt in the Laboratory

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Laboratory: 1	Date Time: 3/27/24 7:10	Received By: 1	
Relinquished by: 3	Date Time: 3/28/24 1:55	Received By: 3 Diane Hinz - Impulse 100	
Relinquished by: 5	Date Time:	Received By: 5	

Relinquished By: 2	Date Time:	Received By: 2
Relinquished By: 4	Date Time:	Received By: 4
Custody Seal #		

Form:SM088-03D (revised 2-12-18)

http://www.sgs.com/en/terms-and-conditions

5.1 5

JD85406: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD85406 **Client:** SESI CONSULTING ENGINEERS **Project:** 130 MIDLAND AVENUE, PORT CHESTER,

Date / Time Received: 3/28/2024 7:16:00 PM **Delivery Method:** SGS **Airbill #'s:**

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☐		☐
2. Cooler temp verification:	N/A		
3. Cooler media:	N/A		
4. No. Coolers:	N/A		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Summa Canister and Flow Controller Log

Job Number: JD85406
Account: SESINJPB SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Received: 03/28/24

SUMMA CANISTERS

Shipping							Receiving					
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
M171	6	29.5	03/26/24	BK	CP12714	3W85888.D	JD85406-1	03/29/24	JT		0		1
A631	6	29	03/26/24	BK	CP12714	3W85888.D	JD85406-2	03/29/24	JT	3			1
A1177	6	29.5	03/26/24	BK	CP12714	3W85888.D	JD85406-3	03/29/24	JT	3			1
M121	6	29.5	03/26/24	BK	CP12712	8W05344.D	JD85406-4	03/29/24	JT		0		1
A1860	6	29.5	03/26/24	BK	CP12714	3W85888.D	JD85406-5	03/29/24	JT	4.5			1
A2009	6	29.5	03/26/24	BK	CP12714	3W85888.D	JD85406-6	03/29/24	JT	2			1
A1206	6	29.5	03/26/24	BK	CP12714	3W85888.D	JD85406-7	03/29/24	JT		0		1

FLOW CONTROLLERS / OTHER

Shipping					Receiving				
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	Flow RPD	Equipment Type
FC651	03/26/24	ML	167	.5	03/31/24	ML	168	0.6	Flow Controller
FC673	03/26/24	ML	165	.5	03/31/24	ML	167	1.2	Flow Controller
FC763	03/26/24	ML	166	.5	03/31/24	ML	167	0.6	Flow Controller
FC909	03/26/24	ML	168	.5	03/31/24	ML	167	0.6	Flow Controller
FC993	03/26/24	ML	166	.5	03/31/24	ML	167	0.6	Flow Controller
FC1022	03/26/24	ML	165	.5	03/31/24	ML	167	1.2	Flow Controller
FC1241	03/26/24	ML	165	.5	03/31/24	ML	167	1.2	Flow Controller

SGS Bottle Order(s):
BW-031924-97

Prep Date	Room Temp(F)	Bar Pres "Hg
03/26/24	70	29.92

Attachment 2
Questionnaire

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Ronnie Reynoso Date/Time Prepared 3/28/24 ~830-900Am

Preparer's Affiliation SESI Phone No. 9735188775

Purpose of Investigation Sub-Slab & Ambient / Indoor Air Sample Collection

1. OCCUPANT:

Interviewed: Y / N

Last Name: floor and decor First Name: MICAH Salvestein & JENA (Floor + decor manager

Address: 130 midLAND portchester, NY

County: Westchester county

Home Phone: — Office Phone: MICAH (845) 300 6837

Number of Occupants/persons at this location ~10+ staff ~15+ customers/shoppers Age of Occupants 18+

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: Leahey First Name: Kevin

Address: 168B Irving Ave, Port Chester

County: Westchester County

Home Phone: N/A Office Phone: 646 872 5660

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: N/A

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) Floor & Decor (Flooring Store)

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? N/A

Other characteristics:

Number of floors 1 Building age New (few months, New Construction)

Is the building insulated? (Y) / N How air tight? [Tight] / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

N/A

Airflow near source

Upward flow of air; flow toward entrances / exits

Outdoor air infiltration

Air leaves / flows through entrances / EXITS, Emergency doors & Loading docks on the Northern portion of buiding.

Infiltration into air ducts

~~Air ducts~~ Air ducts present on ceiling

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other No Basement
c. Basement floor:	concrete	dirt	stone	other None
d. Basement floor:	uncovered	covered	covered with None	
e. Concrete floor:	unsealed	sealed	sealed with ? Unknown to staff	
f. Foundation walls:	poured	block	stone	other None
g. Foundation walls:	unsealed	sealed	sealed with None	
h. The basement is:	wet	damp	dry	moldy no Basement
i. The basement is:	finished	unfinished	partially finished	No Basement
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			No Sump Present

Basement/Lowest level depth below grade: — (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Utility lines?, Sewer/Drains. No cracks on cap.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: electricity

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other _____	← Roof
Air conditioning:	Central Air	Window units	Open Windows	None	← Roof

Are there air distribution ducts present? (Y) / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Visible on ceilings, Appear New ~~Since which~~ Corroborated by fact that Building Is new construction.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never No Basement (N/A)

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	N/A
1st Floor	Flooring Retail / commercial use
2nd Floor	—
3rd Floor	—
4th Floor	—

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify Forklift & loading bay

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?_____

f. Is there a workshop or hobby/craft area? (Y) / N Where & Type? N/E by Management office (Wood cutting?)

g. Is there smoking in the building? Y / (N) How frequently?_____

h. Have cleaning products been used recently? Y / (N) When & Type? Prior Afternoon, cleaning supplies

i. Have cosmetic products been used recently? Y / (N) When & Type?_____

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? No paint according to Micah Lewis

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented? _____

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? out of facility / Building

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type? _____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
(Unknown) ← likely NO, but all staff were not asked just Micah / Jenna

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: Summer 2003 (per SSDS)
Is the system active or passive? Active/~~Passive~~

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N —

d. Relocation package provided and explained to residents? Y / N —

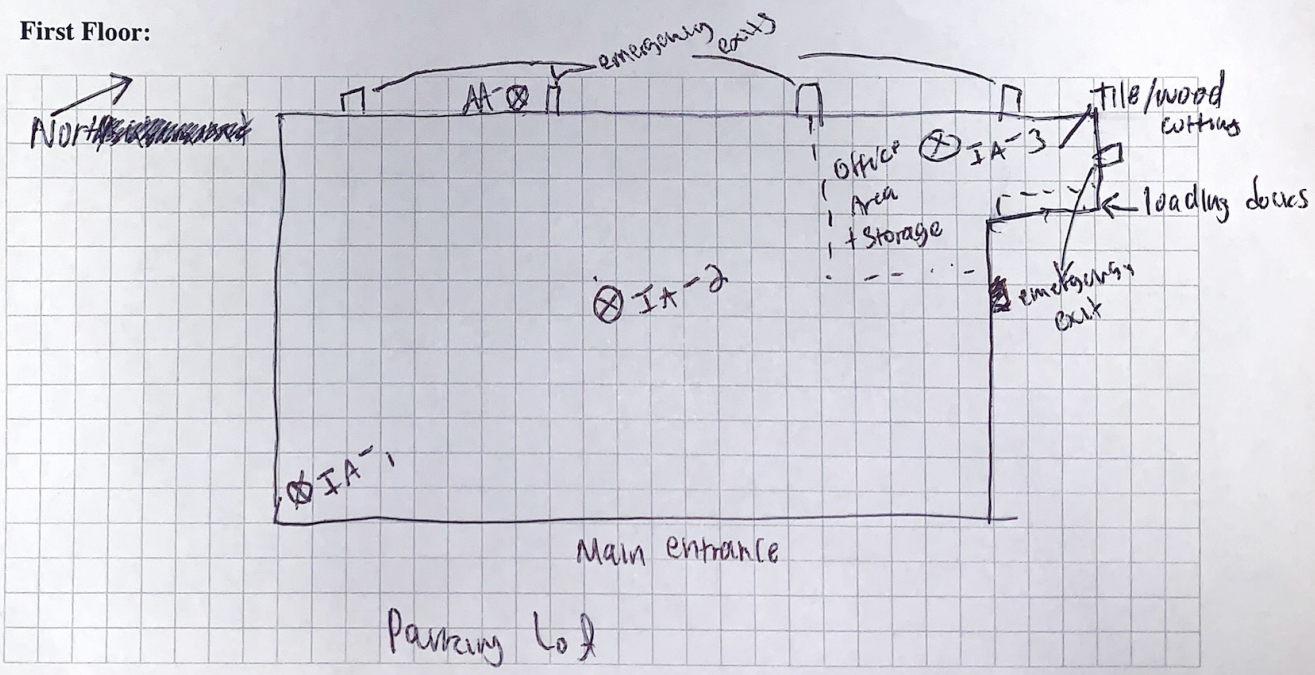
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

No Basement

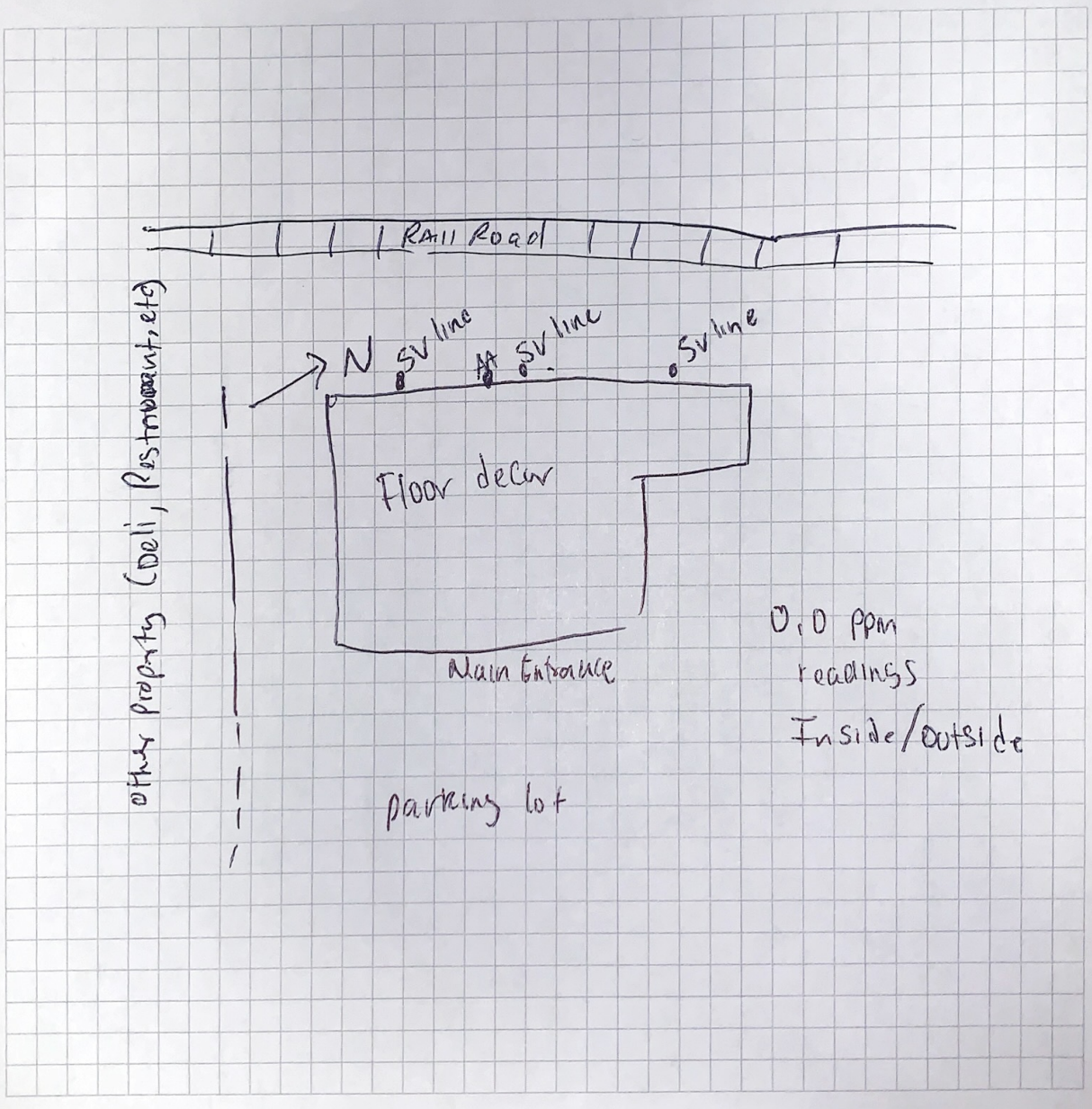
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MiniRAE 3000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Janitors Closet	Glass Cleaning supply	1x 1lb	U	N/A	0ppm unopened	N
↓	Floor Cleaner (Tabulosa)	1x 1lb	U	Sodium Dodecyl Benzene Sulfonate	0 PPP unopened	↓
Bathroom	Bathroom Scented Soap	1x 0.5lb	U	N/A	0ppm unopened	↓

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Appendix G:

NYSDEC – IC & EC Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C360195

Site Name 130 Midland Avenue

Site Address: 130 Midland Avenue Zip Code: 10573
City/Town: Port Chester
County: Westchester
Site Acreage: 6.192

Reporting Period: April 29, 2025 to April 29, 2026

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

	Box 2A	
	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

SITE NO. C360195 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
142.53-1-5.1	130 Midland Ave Owner LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

The institutional controls present at the Controlled Property (130 Midland Avenue BCP C360195 Site) are as follows:

1. Track 4 Commercial, and Industrial Uses are allowed. The Controlled property may not be used for a higher use, such as unrestricted or restricted residential use, and the engineering controls may not be extinguished without NYSDEC approval and amending or discontinuing the approved 2023 Site Management Plan (SMP) and the executed 2023 environmental easement.

2. All future soil disturbance activities below the 1-foot cover, including building renovation/expansion, subgrade utility line repair/relocation, and new construction are conducted in accordance with the approved SMP, and the Excavation Work Plan (EWP). In areas where utilities will be installed for redevelopment, one foot of clean soil will be placed above utility excavations with a demarcation layer placed over top, before a hardscape site cover (asphalt) is installed.

3. The use of the groundwater underlying the Site is prohibited without treatment rendering it safe for potable or process use, without necessary water quality treatment as determined by the NYSDOH or Westchester County DOH.

4. An evaluation of the potential for soil vapor intrusion for any buildings developed or reoccupied on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion.

5. A certification, every year, must be made to the NYSDEC indicating that the requirements of the SMP have been met and denote areas where deficiencies have occurred, if any. A Site Management Report, including any required inspection or sampling documentation and certifications, shall be submitted by the Owner to NYSDEC by May 29th following the calendar reporting years, along with the Certification, signed and certified by the Owner, and certifying that the engineering controls (e.g., active SSDS, site cover) are in place and functioning correctly, or noting any deficiencies and including a corrective action plan for these deficiencies to be corrected. The Owner will also certify that NYSDEC is allowed access to the Site to inspect the engineering controls.

142.53-1-5.2	120 Midland Owner LLC	Ground Water Use Restriction Soil Management Plan Monitoring Plan Site Management Plan IC/EC Plan Landuse Restriction

The institutional controls present at the Controlled Property (130 Midland Avenue BCP C360195 Site) are as follows:

1. Track 4 Commercial, and Industrial Uses are allowed. The Controlled property may not be used for a higher use, such as unrestricted or restricted residential use, and the engineering controls may not be extinguished without NYSDEC approval and amending or discontinuing the approved 2023 Site Management Plan (SMP) and the executed 2023 environmental easement.

2. All future soil disturbance activities below the 1-foot cover, including building renovation/expansion, subgrade utility line repair/relocation, and new construction are conducted in accordance with the approved SMP, and the Excavation Work Plan (EWP). In areas where utilities will be installed for redevelopment, one foot of clean soil will be placed above utility excavations with a demarcation layer placed over top, before a

hardscape site cover (asphalt) is installed.

3. The use of the groundwater underlying the Site is prohibited without treatment rendering it safe for potable or process use, without necessary water quality treatment as determined by the NYSDOH or Westchester County DOH.

4. An evaluation of the potential for soil vapor intrusion for any buildings developed or reoccupied on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion.

5. A certification, every year, must be made to the NYSDEC indicating that the requirements of the SMP have been met and denote areas where deficiencies have occurred, if any. A Site Management Report, including any required inspection or sampling documentation and certifications, shall be submitted by the Owner to NYSDEC by May 29th following the calendar reporting years, along with the Certification, signed and certified by the Owner, and certifying that the engineering controls (e.g., active SSDS, site cover) are in place and functioning correctly, or noting any deficiencies and including a corrective action plan for these deficiencies to be corrected. The Owner will also certify that NYSDEC is allowed access to the Site to inspect the engineering controls.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
142.53-1-5.1	
	Cover System
	Vapor Mitigation
	Monitoring Wells

The engineering controls installed at the Controlled Property (130 Midland Avenue BCP C360195 Site) are as follows:

1. A passive vapor mitigation system will be operated, maintained, monitored as required by the approved SMP, where subgrade parking is not present. Inspections and reporting will be performed in a manner specified in the approved SMP. An evaluation for soil vapor will be conducted on areas designated in the SMP.

2. A site cover system, of at least 1-foot, or NYSDEC-approved barrier layer consisting of concrete slabs under building structures, concrete or asphalt pavement in walkways and driving surfaces and clean soil cover in vegetated areas will be maintained as required by the approved SMP. Inspections and reporting will be performed in a manner specified in the approved SMP.

3. Any soil underlying within the Controlled Property, must remain covered with a NYSDEC-approved barrier layer consisting of concrete slabs under building structures, concrete or asphalt pavement in walkways and driving surfaces and clean soil cover in vegetated areas on the Controlled Property, which must be inspected, certified and maintained as required in the NYSDEC-approved SMP, and handled as described in the EWP.

4. Periodic monitoring of groundwater from monitoring wells specified in the SMP.

142.53-1-5.2	
	Monitoring Wells
	Cover System
	Vapor Mitigation

The engineering controls installed at the Controlled Property (130 Midland Avenue BCP C360195 Site) are as follows:

1. A passive vapor mitigation system will be operated, maintained, monitored as required by the approved SMP, where subgrade parking is not present. Inspections and reporting will be performed in a manner specified in the approved SMP. An evaluation for soil vapor will be conducted on areas designated in the SMP.

2. A site cover system, of at least 1-foot, or NYSDEC-approved barrier layer consisting of concrete slabs under building structures, concrete or asphalt pavement in walkways and driving surfaces and clean soil cover in vegetated areas will be maintained as required by the approved SMP. Inspections and reporting will be performed in a manner specified in the approved SMP.

Parcel	Engineering Control

3. Any soil underlying within the Controlled Property, must remain covered with a NYSDEC-approved barrier layer consisting of concrete slabs under building structures, concrete or asphalt pavement in walkways and driving surfaces and clean soil cover in vegetated areas on the Controlled Property, which must be inspected, certified and maintained as required in the NYSDEC-approved SMP, and handled as described in the EWP.

4. Periodic monitoring of groundwater from monitoring wells specified in the SMP.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
X	☐

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

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

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

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

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

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

YES	NO
X	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C360195

Box 6

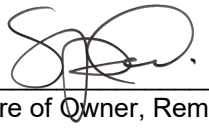
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Stephen Palmese at 130 Midland Ave Owner LLC,
print name print business address

am certifying as OWners (Owner or Remedial Party)

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



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

06/19/2026
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

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

I _____Christopher Zwingle_____at ___959 Route 46E, Parsippany, NJ_____,
print name print business address

am certifying as a Qualified Environmental Professional for the _____Owner_____
(Owner or Remedial Party)

_____ ____6/22/2026____

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

Date