

2025 Periodic Review Report

December 29, 2023 to April 29, 2025

For:

130 Midland Avenue (C360195)

130 Midland Avenue

Port Chester, New York

Prepared for:

130 Midland Ave Owner LLC

SESI Project No:

12365C

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LIST OF ACRONYMS

Acronym	Definition
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below ground surface
CCA	Chromated Copper Arsenate
COC	Contaminant of Concern
DER	Division of Environmental Remediation
DER-10	NYSDEC Technical Guidance for Site Investigation & Remediation
ECs	Engineering Controls
EE	Environmental Easement
Ics	Institutional Controls
MW	Monitoring Well
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbons
ppm	Parts per million
PRR	Periodic Review Report
RDWP	Remedial Design Work Plan
SCO	Soil Cleanup Objectives
SESI	SESI Consulting Engineers, PC
SMP	Site Management Plan
SVOCs	Semi-Volatile Organic Compounds
TOGS	Technical and Operations Guidance Series
VOCs	Volatile Organic Compounds

1.0 INTRODUCTION

1.1 SUMMARY

This is the Periodic Review Report (PRR) for the period December 29, 2023 to April 29, 2025. The PRR is required as an element of the remedial program at the 130 Midland Avenue property (hereinafter referred to as the “Site”) 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 6.195-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 (1) 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 installation, 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 in June 3, 2024 remains intact on the Site. The cover system has been and will continue to be effective in preventing public exposure to the residual contamination.

The monitoring well network for 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 June 3, 2024. Based upon groundwater sampling as presented in section 3.2, VOCs, PFOA and PFOS were detected at concentrations exceeding the AWQS.

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.

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 June 3, 2024 to verify the integrity of the ECs in accordance with the Inspection Checklist that is included in **Appendix B**.

The groundwater monitoring wells MW-2, MW-3, and MW-4 were sampled on June 3, 2024, and analyzed for VOCs and 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.
- 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). The site is an approximately 6.195-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 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 it indicates 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 cleaners 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 HydroEnvironmental 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 HES and SES RI have identified metals and polycyclic aromatic hydrocarbons on the Site at concentrations exceeding the CSCOs to 9 feet below ground surface (ft-bgs). Select volatile organic compounds (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 (USCOs), but well

below the applicable CSCOs. These exceedances are likely derived from the presence of historic fill.

Groundwater

RI sampling identified Petroleum hydrocarbon (PHC) compounds detected above the AWQS in overburden monitoring well MW-2. However, ground penetrating radar 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. Perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (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 existing 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 existing 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

During the RI, soil vapor samples indicated that PCE and TCE were detected in excess of the NYSDOH Matrices threshold values in sub-slab vapor (1,190 – 7,970 ug/m³ for PCE and 41.8 – 98.9 ug/m³ for TCE) and indoor air (295 ug/m³ for PCE and 0.995 ug/m³ 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:

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

Remedial Action:

- Excavation and offsite 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 RA 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 engineering control (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 All Material Removed from the Site

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
2/3/2023 to 10/31/2023	Utility Excavation Areas	Excavated Soil (contaminated)	Bayshore Soil Management – Keasbey, NJ	10,940.38 Tons

Date	Area	Description	Facility	Quantity
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 proposed building footprint. Eighteen (18) documentation end-point samples were collected at a minimum frequency of 1 per 5,000 ft² in each grid in accordance with Interim Remedial Measures Work Plan and analyzed for Target Compound List (TCL)/Target Analyte List(TAL)+30 and per- and polyfluoroalkyl substances (PFAS). End-point documentation samples identified CSCOs exceedances 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 ¹	ND (2.2) ¹	ND (2.8) ¹	1.6 ¹	8.0 ¹	5.7 ¹	4.7 ¹	ND (3.0) ¹	ND (2.9) ¹	2.4
Aroclor 1254	1	0.127	0.304	0.168	0.291 ⁹	0.143	0.0364 J	0.259 ⁹	0.0442	0.15	4.12 ⁹

SMP Figure 2.3 summarizes the results of all soil samples collected that exceed the Unrestricted Use SCOs 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 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 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 sub-slab depressurization system (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 onsite 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 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 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 will be implemented under the SMP. These ICs and ECs are more fully described in Section 4.

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 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 composite cover system (CCS) (described in Section 2.2.2) was inspected on June 3, 2024 and remains intact on the Site. The cover system has been and will 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 PR-MW-4) was sampled on April 3, 2024. The monitoring well locations are depicted in Figure 1.3 of the SMP, presented in **Appendix A**.

Monitoring wells MW-2, MW-3, and MW-4 were installed in May 2024. The monitoring well construction logs are provided in **Appendix C**. The monitoring well network was sampled on June 3, 2024. 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** provides the groundwater monitoring results of the April 3, 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 exceedances in the groundwater. The VOC acetone was detected in monitoring well MW-2 at a concentration of 81 ug/L exceeding the NYSDEC TOGS effluent limitation of 50 ug/L. Perfluorooctanoic Acid (PFOA) was detected in monitoring wells MW-2, MW-3, and MW-4 at concentrations of 0.0328 ug/L, 0.0233 ug/L, and 0.0199 ug/L respectively exceeding the NYSDEC TOGS guidance value of 0.0067 ug/L. In addition Perfluorooctanesulfonic Acid (PFOS) was detected in monitoring wells MW-2, MW-3, and MW-4 at concentrations of 0.00575 ug/L, 0.0147 ug/L, and 0.00764 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		6/3/2024		6/3/2024		6/3/2024	
LAB SAMPLE ID		L2430635-02		L2430635-03		L2430635-04	
SAMPLE TYPE	ug/l	WATER		WATER		WATER	
	NY-AWQS	Results	Q	Results	Q	Results	Q
Perfluorinated Alkyl Acids by EPA 1633							
Perfluorooctanoic Acid (PFOA)	0.0067	0.0328		0.0233		0.0199	
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.00575		0.0147		0.00764	
Volatile Organics by GC/MS							
Acetone	50	81		5	U	5	U

Notes:

Ug/L = Micrograms per Liter

U = Compound not detected

Highlighted = Concentration Exceeds the TOGS GA Effluent Limitations

3.3 SUB-SLAB SOIL VAPOR SAMPLING AND SVI EVALUATION

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.

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 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.

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 2nd soil vapor intrusion evaluation were presented to NYSDEC in a memo prepared by SESI to NYSDEC dated April 25, 2024 (**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 will be 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. These ICs are:

- The property may 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, 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 presents the location of the cover system and SMP Figure 3.2 details the applicable demarcation layers. The 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 ambient water quality standards, 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

Monitoring wells were installed in May 2024. Inspection of the composite cover system was conducted on June 3, 2024. Monitoring wells MW-2, MW-3, and MW-4 were sampled on June 3, 2024. In addition, a second soil vapor intrusion sampling event was conducted March 28, 2024.

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 will 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 June 3, 2024 the VOC acetone was detected in monitoring well MW-2 at a concentration of 81 ug/L exceeding the NYSDEC TOGS effluent limitation of 50 ug/L. Perfluorooctanoic Acid (PFOA) was detected in monitoring wells MW-2, MW-3, and MW-4 at concentrations of 0.0328 ug/L,

0.0233 ug/L, and 0.0199 ug/L respectively exceeding the NYSDEC TOGS guidance value of 0.0067 ug/L. In addition Perfluorooctanesulfonic Acid (PFOS) was detected in monitoring wells MW-2, MW-3, and MW-4 at concentrations of 0.00575 ug/L, 0.0147 ug/L, and 0.00764 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 will 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 is determining the effectiveness of the Site's ability to naturally degrade the 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

We do 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 2026.

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.
- Discontinue soil vapor intrusion sampling at 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).

Figure

MONITORING WELL LOCATION PLAN

Project:

Job no: 12365A
drawing no:

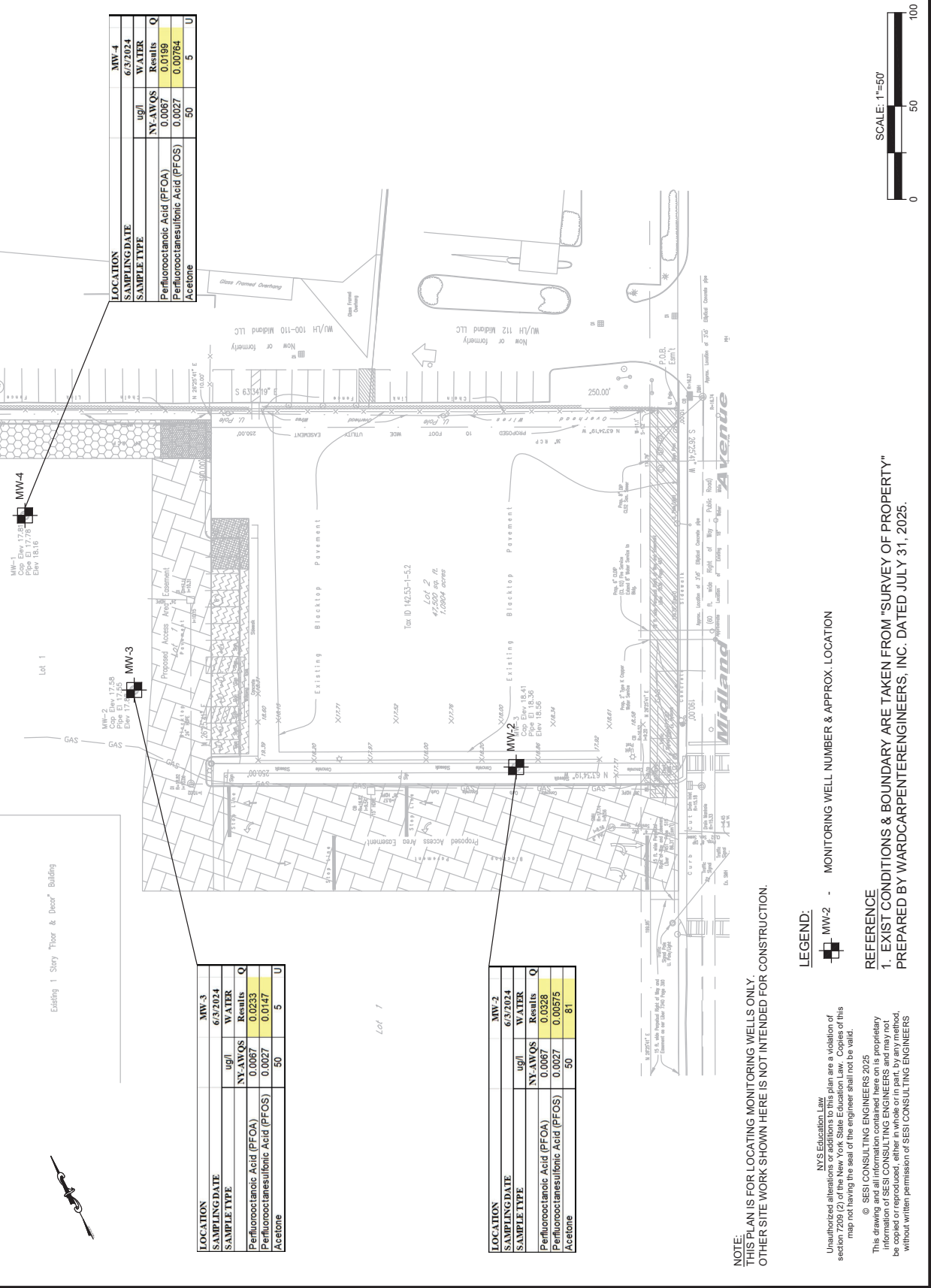
130 MIDLAND AVENUE
VILLAGE OF PORT CHESTER
WESTCHESTER COUNTY, NY

SES! CONSULTING
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSONS PARKWAY, NJ 07054 PH: 973.808.9050

dwg by: EC
chk by: SG
scale: AS NOTED
date: 11/17/25

FIG-3.1

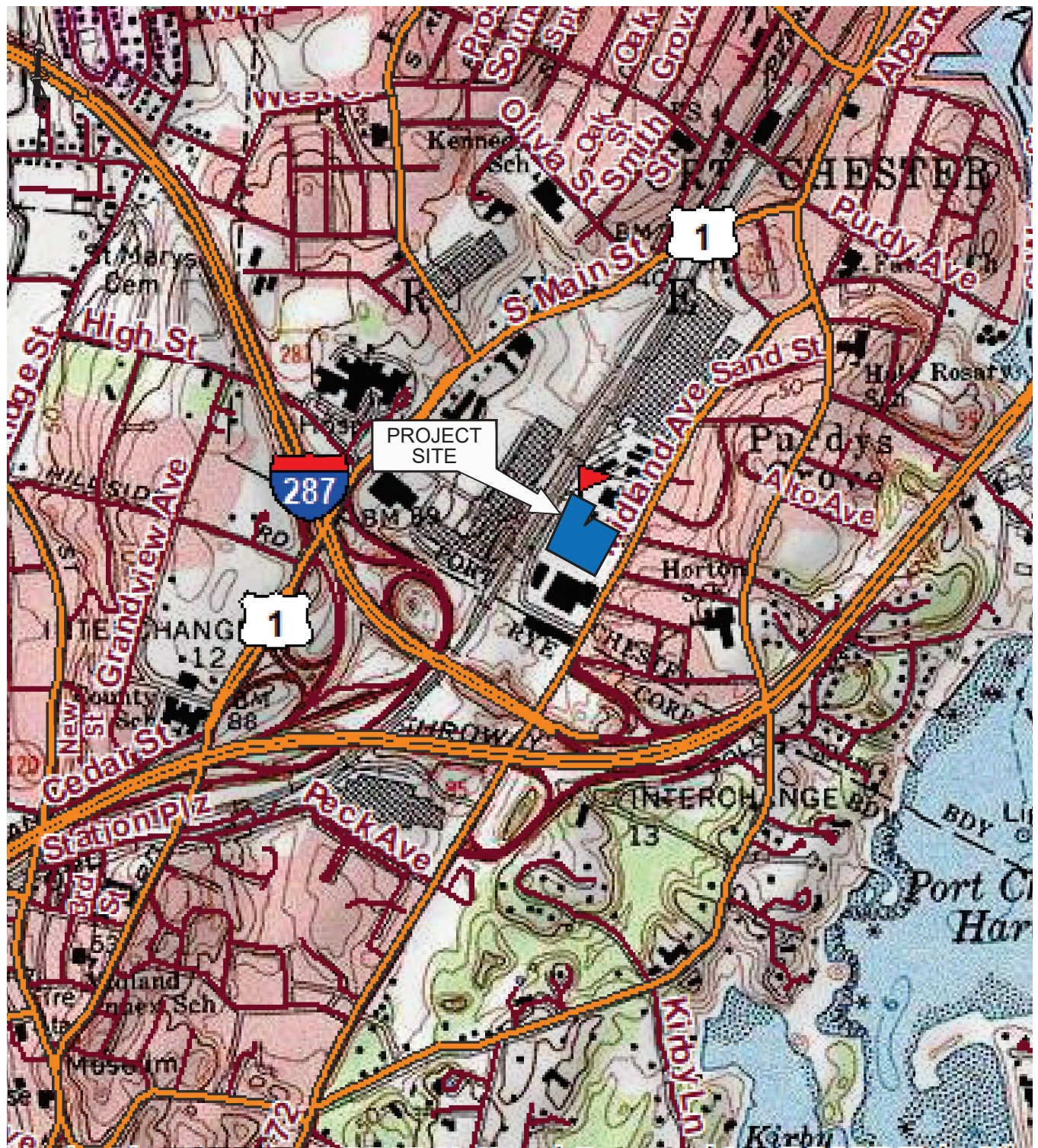
1 of 1



Appendix A:

Site Management Plan Figures

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



Scale 1"=1000'



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

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

FIG 1.1

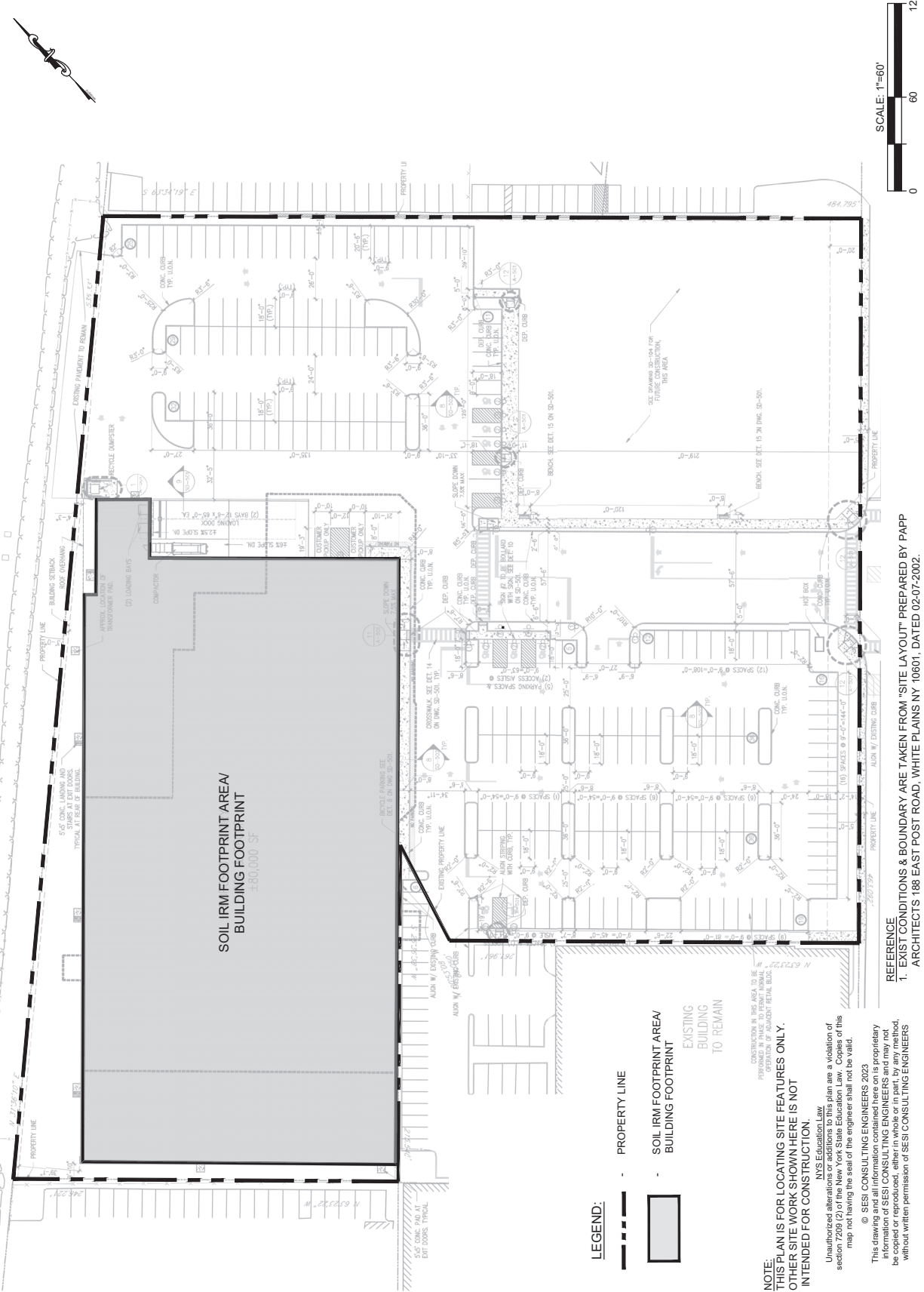
DRAWN BY: AW

CHECKED BY: --

SCALE: AS NOTED

DATE: 08/23/2022

JOB NO.: 12365



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 (3) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

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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, PARLISPPANY, 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

1 of 1

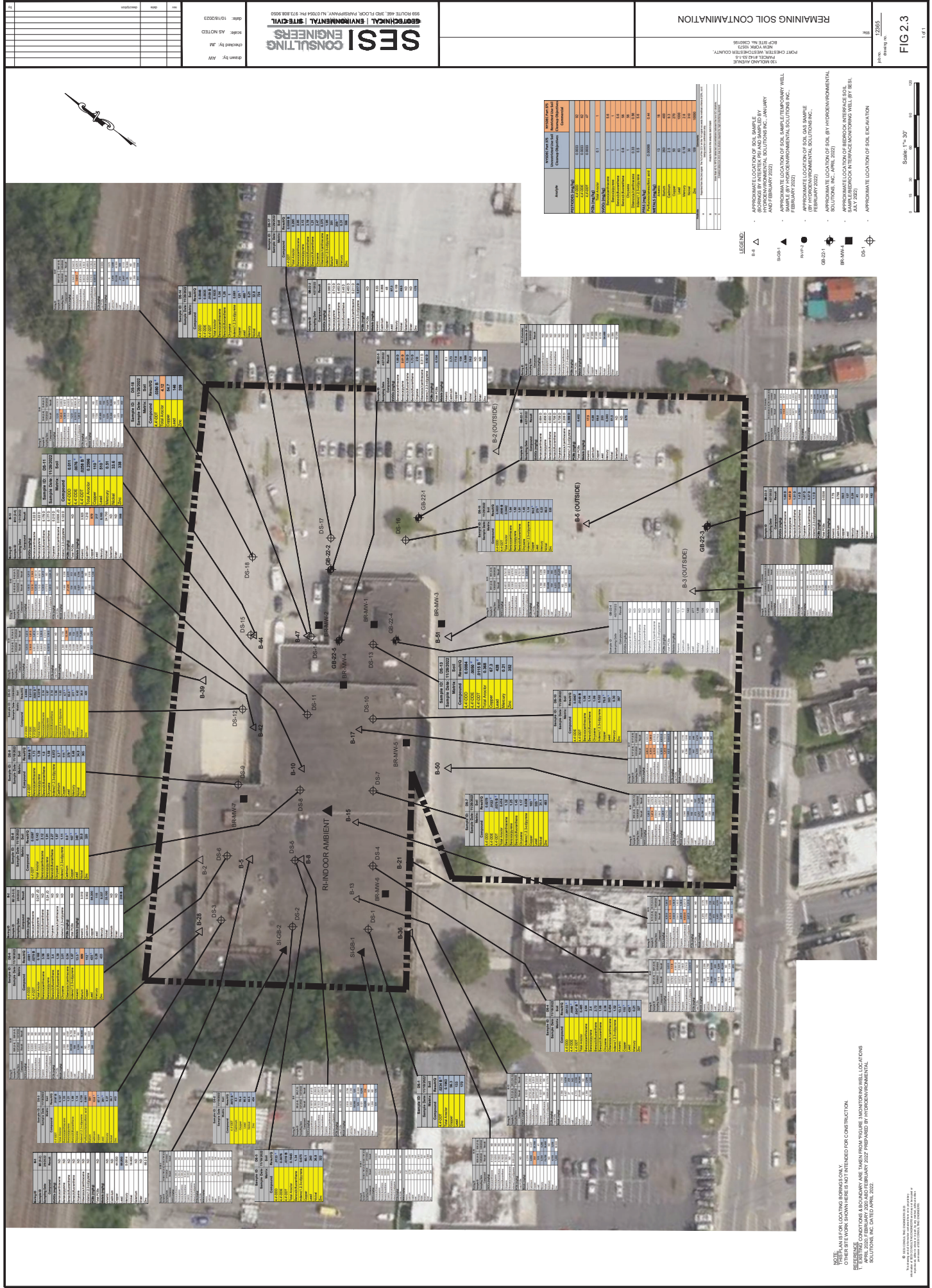


REFERENCE
1. EXISTING CONDITIONS & BOUNDARY ARE TAKEN FROM "130 MIDLAND AVE. ID: 142.53-1-5 (PORT CHESTER) TAX MAP" PREPARED BY WESTCHESTER COUNTY GIS ASSOCIATES. DATED NOVEMBER 20, 2023.

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.

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NOTE:
THIS PLAN IS FOR LOCATING BORINGS ONLY.
THE LOCATION FOR SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
EXISTING CONDITIONS & BORING ARE TAKEN FROM FIGURE 3 MONITORING WELL LOCATIONS
FOR THE PROJECT. THE LOCATION FOR SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
SOLUTIONS, INC. DATED APRIL 2022.

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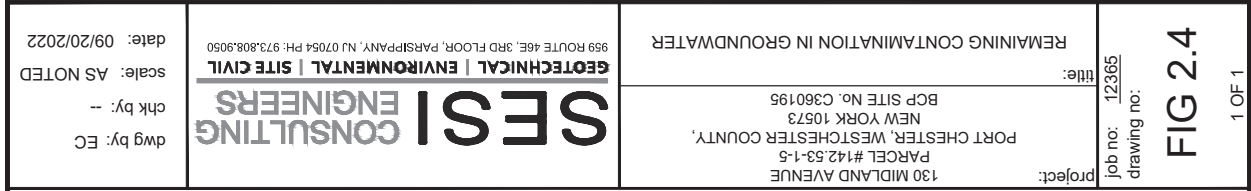
REMAINING SOIL CONTAMINATION

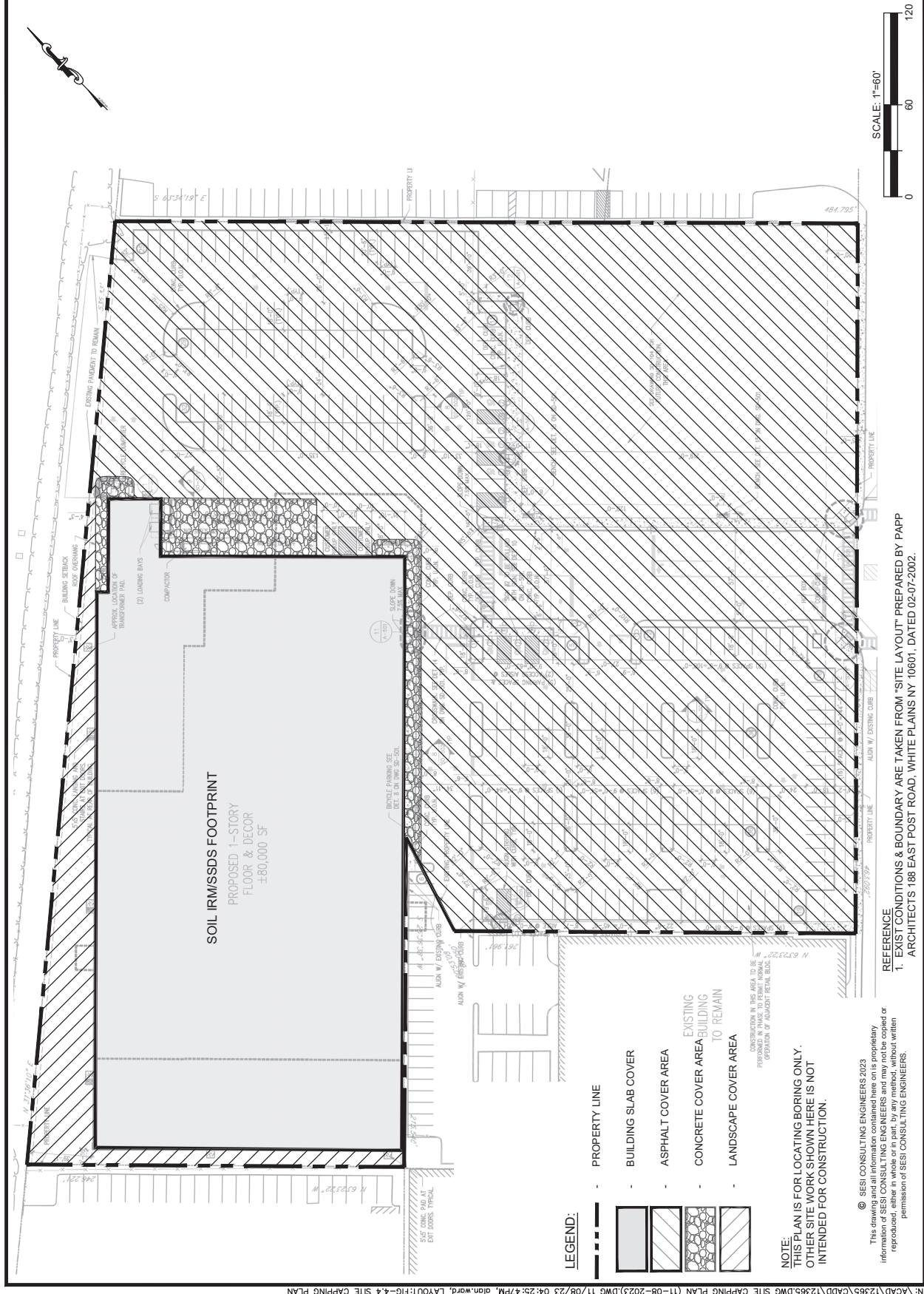
PORT DESIGNER: HYDROENVIRONMENTAL SOLUTIONS, INC.
PARCEL #142.12-1.5
NEW YORK, NEW YORK 10023
RPT #2022-01-000001

SES CONSULTING ENGINEERS

510 ROUTE 442, 2ND FLOOR, HARTFORD, CT 06105
TEL: 860.234.1234 FAX: 860.234.1235

Drawn by: AM
Scale: AS NOTED
Date: 10/19/2023





Appendix B:

Site Inspection Checklist

INSPECTION CHECKLIST

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

SESI CONSULTING ENGINEERS

Inspection Date: 6.3.2024

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 X
- If subsurface invasive work was undertaken, has the demarcation geotextile and the "clean soil cover" been restored? Yes No X
- Did a Professional Engineer or a qualified environmental professional (approved by the NYSDEC) oversee the above work? Yes X 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

PROJECT LOCATION:

130 Midland Ave., Port Chester NY

MONITORING WELL NO.

MW-2

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 (ft)	Sample	Blows on Spoon				REC	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
			0		0/6	6/12	12/18	18/24	(in)		
Depth (feet below grade)											
Top of Riser	0	Casing Type: Flush-Mount									
Ground Surface	0										
Top of Sand Pack	3	Riser Pipe: 2" PVC									
Bottom of Riser	4.3	Top of Seal: Sealed to top	5								
Top of Screen	4.3	Grout Type: Bentonite									
		Sand/Gravel									
		Pack Size: #2	10								
		Screen Size: 10 Slot									
Bottom of Screen	14.3										
Bottom of Boring	14.3		15								
			20								
			25								
			30								
			35								
			40								

* 0 is reference

Remarks

* 0 is reference

Remarks

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

The subsurface information shown herein 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.

Approximate Change in Strata: Inferred Change in Strata:

Page 1 of 1

Page 2 of 2

7.3

Remarks

Page 1 of 1

Appendix D:

Well Purging and Sampling Logs

Appendix E:

Groundwater Analytical Report



ANALYTICAL REPORT

Lab Number:	L2430635
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Jeffrey Lamborn
Phone:	(973) 808-9050
Project Name:	130 MIDLANDS AVE PORT CHESTER
Project Number:	12365B
Report Date:	06/17/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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



Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2430635-01	FIELD BLANK	WATER	130 MIDLANDS AVE PORT CHESTER NY	06/03/24 11:10	06/03/24
L2430635-02	MW-2	WATER	130 MIDLANDS AVE PORT CHESTER NY	06/03/24 11:56	06/03/24
L2430635-03	MW-3	WATER	130 MIDLANDS AVE PORT CHESTER NY	06/03/24 10:21	06/03/24
L2430635-04	MW-4	WATER	130 MIDLANDS AVE PORT CHESTER NY	06/03/24 09:01	06/03/24
L2430635-05	DUP-1	WATER	130 MIDLANDS AVE PORT CHESTER NY	06/03/24 00:00	06/03/24
L2430635-06	TRIP BLANK	WATER	130 MIDLANDS AVE PORT CHESTER NY	06/03/24 00:00	06/03/24

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Case Narrative

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

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

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

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

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

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

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Case Narrative (continued)

Report Submission

June 17, 2024: This final report includes the results of all requested analyses.

June 10, 2024: This is a preliminary report.

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

Perfluorinated Alkyl Acids by 1633

L2430635-02: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

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

Authorized Signature:

Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative

Date: 06/17/24

ORGANICS

VOLATILES

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-01
 Client ID: FIELD BLANK
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 11:10
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 06/06/24 13:47

Analyst: MAG

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

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-01
 Client ID: FIELD BLANK
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 11:10
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

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

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2430635-01
Client ID: FIELD BLANK
Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 11:10
Date Received: 06/03/24
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-02
 Client ID: MW-2
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 11:56
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/06/24 14:12
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.34	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.17	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS****Lab ID:** L2430635-02**Date Collected:** 06/03/24 11:56**Client ID:** MW-2**Date Received:** 06/03/24**Sample Location:** 130 MIDLANDS AVE PORT CHESTER NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	81		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	12		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2430635-02
Client ID: MW-2
Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 11:56
Date Received: 06/03/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	1.1	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	0.95	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	39.5	J	ug/l	1
Dimethyl sulfide	1.48	NJ	ug/l	1
Unknown Aromatic	1.59	J	ug/l	1
Unknown Aromatic	10.2	J	ug/l	1
Unknown Aromatic	7.45	J	ug/l	1
Unknown Aromatic	1.95	J	ug/l	1
Unknown Aromatic	2.11	J	ug/l	1
Unknown Aromatic	1.83	J	ug/l	1
Unknown Aromatic	5.59	J	ug/l	1
Unknown	1.89	J	ug/l	1
Unknown	5.39	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-03
 Client ID: MW-3
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 10:21
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/06/24 15:54
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.42	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS****Lab ID:** L2430635-03**Date Collected:** 06/03/24 10:21**Client ID:** MW-3**Date Received:** 06/03/24**Sample Location:** 130 MIDLANDS AVE PORT CHESTER NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.20	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2430635-03
Client ID: MW-3
Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 10:21
Date Received: 06/03/24
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-04
 Client ID: MW-4
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 09:01
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/06/24 14:38
 Analyst: MJV

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

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS****Lab ID:** L2430635-04**Date Collected:** 06/03/24 09:01**Client ID:** MW-4**Date Received:** 06/03/24**Sample Location:** 130 MIDLANDS AVE PORT CHESTER NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.20	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2430635-04
Client ID: MW-4
Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 09:01
Date Received: 06/03/24
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

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

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-05
 Client ID: DUP-1
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 00:00
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/06/24 15:04
 Analyst: MJV

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

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-05

Date Collected: 06/03/24 00:00

Client ID: DUP-1

Date Received: 06/03/24

Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.19	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2430635-05
Client ID: DUP-1
Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 00:00
Date Received: 06/03/24
Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

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

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-06
 Client ID: TRIP BLANK
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 00:00
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/06/24 15:29
 Analyst: MJV

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

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-06
 Client ID: TRIP BLANK
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 00:00
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

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

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS****Lab ID:** L2430635-06**Date Collected:** 06/03/24 00:00**Client ID:** TRIP BLANK**Date Received:** 06/03/24**Sample Location:** 130 MIDLANDS AVE PORT CHESTER NY**Field Prep:** Not Specified**Sample Depth:**

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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/06/24 08:42
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1930631-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/06/24 08:42
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1930631-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 06/06/24 08:42
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1930631-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/24 08:42
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1930631-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	Limits	RPD
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1930631-3 WG1930631-4								
Methylene chloride	92		94		70-130	2	20	20
1,1-Dichloroethane	94		96		70-130	2	20	20
Chloroform	94		97		70-130	3	20	20
Carbon tetrachloride	90		93		63-132	3	20	20
1,2-Dichloropropane	94		96		70-130	2	20	20
Dibromochloromethane	88		89		63-130	1	20	20
1,1,2-Trichloroethane	90		90		70-130	0	20	20
Tetrachloroethene	96		98		70-130	2	20	20
Chlorobenzene	97		98		75-130	1	20	20
Trichlorofluoromethane	94		94		62-150	0	20	20
1,2-Dichloroethane	91		93		70-130	2	20	20
1,1,1-Trichloroethane	94		96		67-130	2	20	20
Bromodichloromethane	90		92		67-130	2	20	20
trans-1,3-Dichloropropene	90		92		70-130	2	20	20
cis-1,3-Dichloropropene	91		93		70-130	2	20	20
1,1-Dichloropropene	92		94		70-130	2	20	20
Bromoform	80		82		54-136	2	20	20
1,1,2,2-Tetrachloroethane	83		88		67-130	6	20	20
Benzene	98		99		70-130	1	20	20
Toluene	94		96		70-130	2	20	20
Ethylbenzene	95		96		70-130	1	20	20
Chloromethane	93		94		64-130	1	20	20
Bromomethane	120		110		39-139	9	20	20



Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	RPD	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1930631-3 WG1930631-4								
Vinyl chloride	95		96		55-140		1	20
Chloroethane	110		110		55-138		0	20
1,1-Dichloroethene	99		100		61-145		1	20
trans-1,2-Dichloroethene	97		98		70-130		1	20
Trichloroethene	90		93		70-130		3	20
1,2-Dichlorobenzene	96		99		70-130		3	20
1,3-Dichlorobenzene	97		100		70-130		3	20
1,4-Dichlorobenzene	97		99		70-130		2	20
Methyl tert butyl ether	84		89		63-130		6	20
p/m-Xylene	95		95		70-130		0	20
o-Xylene	95		100		70-130		5	20
cis-1,2-Dichloroethene	97		99		70-130		2	20
Dibromomethane	90		94		70-130		4	20
1,2,3-Trichloropropane	82		86		64-130		5	20
Acrylonitrile	78		83		70-130		6	20
Styrene	95		95		70-130		0	20
Dichlorodifluoromethane	85		86		36-147		1	20
Acetone	72		79		58-148		9	20
Carbon disulfide	100		100		51-130		0	20
2-Butanone	77		78		63-138		1	20
Vinyl acetate	100		100		70-130		0	20
4-Methyl-2-pentanone	81		81		59-130		0	20
2-Hexanone	80		84		57-130		5	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	Limits	RPD
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1930631-3 WG1930631-4								
Bromochloromethane	95		97		70-130		2	20
2,2-Dichloropropane	98		98		63-133		0	20
1,2-Dibromoethane	95		96		70-130		1	20
1,3-Dichloropropane	92		94		70-130		2	20
1,1,1,2-Tetrachloroethane	94		94		64-130		0	20
Bromobenzene	95		98		70-130		3	20
n-Butylbenzene	92		95		53-136		3	20
sec-Butylbenzene	92		94		70-130		2	20
tert-Butylbenzene	94		95		70-130		1	20
o-Chlorotoluene	94		96		70-130		2	20
p-Chlorotoluene	93		96		70-130		3	20
1,2-Dibromo-3-chloropropane	78		83		41-144		6	20
Hexachlorobutadiene	89		92		63-130		3	20
Isopropylbenzene	94		95		70-130		1	20
p-Isopropyltoluene	95		97		70-130		2	20
Naphthalene	83		88		70-130		6	20
n-Propylbenzene	95		96		69-130		1	20
1,2,3-Trichlorobenzene	88		94		70-130		7	20
1,2,4-Trichlorobenzene	91		97		70-130		6	20
1,3,5-Trimethylbenzene	94		97		64-130		3	20
1,2,4-Trimethylbenzene	95		97		70-130		2	20
1,4-Dioxane	82		84		56-162		2	20
p-Diethylbenzene	94		96		70-130		2	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits		Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1930631-3 WG1930631-4								
p-Ethyltoluene	94		97		70-130		3	20
1,2,4,5-Tetramethylbenzene	88		90		70-130		2	20
Ethyl ether	91		93		59-134		2	20
trans-1,4-Dichloro-2-butene	80		82		70-130		2	20

Surrogate	LCS		LCSD		Acceptance	
	%Recovery	Qual	%Recovery	Qual	Criteria	
1,2-Dichloroethane-d4	99		99		70-130	
Toluene-d8	100		99		70-130	
4-Bromofluorobenzene	98		99		70-130	
Dibromofluoromethane	98		98		70-130	



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Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-01
 Client ID: FIELD BLANK
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 11:10
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 06/14/24 18:27
 Analyst: AC

Extraction Method: EPA 1633
 Extraction Date: 06/14/24 05:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.84	0.934	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.92	0.781	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.46	0.489	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.46	0.431	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.46	0.292	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.46	0.350	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.46	0.635	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.84	1.97	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.46	0.394	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.46	0.460	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.46	0.664	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.46	0.591	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.84	2.27	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.46	0.796	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.46	0.635	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.46	0.336	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.46	0.394	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.46	0.788	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.46	0.672	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.46	0.548	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.46	0.387	1
PFOA/PFOS, Total	ND		ng/l	1.46	0.635	1

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS****Lab ID:** L2430635-01**Date Collected:** 06/03/24 11:10**Client ID:** FIELD BLANK**Date Received:** 06/03/24**Sample Location:** 130 MIDLANDS AVE PORT CHESTER NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	65		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	69		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	68		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	62		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	64		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	62		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	61		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	70		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	57		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	65		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	57		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	65		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	59		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		20-150

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-02
 Client ID: MW-2
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 11:56
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 06/14/24 18:39
 Analyst: AC

Extraction Method: EPA 1633
 Extraction Date: 06/14/24 05:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	18.3		ng/l	8.70	1.39	1
Perfluoropentanoic Acid (PFPeA)	18.1		ng/l	4.35	1.16	1
Perfluorobutanesulfonic Acid (PFBS)	6.24		ng/l	2.18	0.729	1
Perfluorohexanoic Acid (PFHxA)	18.3		ng/l	2.18	0.642	1
Perfluoroheptanoic Acid (PFHpA)	10.6		ng/l	2.18	0.435	1
Perfluorohexanesulfonic Acid (PFHxS)	4.71		ng/l	2.18	0.522	1
Perfluorooctanoic Acid (PFOA)	32.8		ng/l	2.18	0.946	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	8.70	2.94	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.18	0.587	1
Perfluorononanoic Acid (PFNA)	0.924	J	ng/l	2.18	0.685	1
Perfluorooctanesulfonic Acid (PFOS)	5.75		ng/l	2.18	0.990	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.18	0.881	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	8.70	3.38	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.18	1.18	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.18	0.946	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.18	0.500	1
Perfluorooctanesulfonamide (PFOSA)	0.783	JF	ng/l	2.18	0.587	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.18	1.17	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.18	1.00	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.18	0.816	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	2.18	0.576	1
PFOA/PFOS, Total	38.6		ng/l	2.18	0.946	1

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2430635-02
Client ID: MW-2
Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 11:56
Date Received: 06/03/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	60		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	65		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	72		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	62		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	64		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	202	Q	20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	67		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	64		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	143		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	55		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	53		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	38		20-150

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-03
 Client ID: MW-3
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 10:21
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 06/14/24 19:26
 Analyst: AC

Extraction Method: EPA 1633
 Extraction Date: 06/14/24 05:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.53		ng/l	6.26	1.00	1
Perfluoropentanoic Acid (PFPeA)	13.2		ng/l	3.13	0.837	1
Perfluorobutanesulfonic Acid (PFBS)	3.95		ng/l	1.56	0.524	1
Perfluorohexanoic Acid (PFHxA)	11.7		ng/l	1.56	0.461	1
Perfluoroheptanoic Acid (PFHpA)	6.58		ng/l	1.56	0.313	1
Perfluorohexanesulfonic Acid (PFHxS)	6.86		ng/l	1.56	0.375	1
Perfluorooctanoic Acid (PFOA)	23.3		ng/l	1.56	0.680	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.42	J	ng/l	6.26	2.11	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.454	J	ng/l	1.56	0.422	1
Perfluorononanoic Acid (PFNA)	1.30	J	ng/l	1.56	0.493	1
Perfluorooctanesulfonic Acid (PFOS)	14.7		ng/l	1.56	0.712	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.56	0.634	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.26	2.43	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	0.852	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.680	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.360	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.422	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.845	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.720	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.587	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	0.414	1
PFOA/PFOS, Total	38.0		ng/l	1.56	0.680	1

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2430635-03
Client ID: MW-3
Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 10:21
Date Received: 06/03/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	61		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	51		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	60		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	58		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	67		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	58		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	59		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	111		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	54		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	58		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	50		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	113		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	70		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	55		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	51		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43		20-150

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2430635-04
Client ID: MW-4
Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 09:01
Date Received: 06/03/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/14/24 19:39
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/14/24 05:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.09		ng/l	6.14	0.982	1
Perfluoropentanoic Acid (PFPeA)	14.6		ng/l	3.07	0.821	1
Perfluorobutanesulfonic Acid (PFBS)	2.95		ng/l	1.53	0.514	1
Perfluorohexanoic Acid (PFHxA)	17.9		ng/l	1.53	0.452	1
Perfluoroheptanoic Acid (PFHpA)	7.49		ng/l	1.53	0.307	1
Perfluorohexanesulfonic Acid (PFHxS)	6.74		ng/l	1.53	0.368	1
Perfluorooctanoic Acid (PFOA)	19.9		ng/l	1.53	0.667	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	47.2		ng/l	6.14	2.07	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.53	0.414	1
Perfluorononanoic Acid (PFNA)	0.874	J	ng/l	1.53	0.483	1
Perfluorooctanesulfonic Acid (PFOS)	7.64		ng/l	1.53	0.698	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.53	0.621	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.14	2.38	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.53	0.836	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.53	0.667	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.53	0.353	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.53	0.414	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.53	0.828	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.53	0.706	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.53	0.575	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.53	0.406	1
PFOA/PFOS, Total	27.5		ng/l	1.53	0.667	1

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS****Lab ID:** L2430635-04**Date Collected:** 06/03/24 09:01**Client ID:** MW-4**Date Received:** 06/03/24**Sample Location:** 130 MIDLANDS AVE PORT CHESTER NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	114		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	67		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	121		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	64		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS**

Lab ID: L2430635-05
 Client ID: DUP-1
 Sample Location: 130 MIDLANDS AVE PORT CHESTER NY

Date Collected: 06/03/24 00:00
 Date Received: 06/03/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 06/14/24 19:52
 Analyst: AC

Extraction Method: EPA 1633
 Extraction Date: 06/14/24 05:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.72	J	ng/l	6.99	1.12	1
Perfluoropentanoic Acid (PFPeA)	13.4		ng/l	3.50	0.935	1
Perfluorobutanesulfonic Acid (PFBS)	2.48		ng/l	1.75	0.585	1
Perfluorohexanoic Acid (PFHxA)	13.8		ng/l	1.75	0.516	1
Perfluoroheptanoic Acid (PFHpA)	6.88		ng/l	1.75	0.350	1
Perfluorohexanesulfonic Acid (PFHxS)	6.78		ng/l	1.75	0.419	1
Perfluorooctanoic Acid (PFOA)	19.0		ng/l	1.75	0.760	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	26.9		ng/l	6.99	2.36	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.75	0.472	1
Perfluorononanoic Acid (PFNA)	0.821	J	ng/l	1.75	0.550	1
Perfluorooctanesulfonic Acid (PFOS)	7.33	F	ng/l	1.75	0.795	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.75	0.708	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.99	2.72	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.75	0.952	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.75	0.760	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.75	0.402	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.75	0.472	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.75	0.944	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.75	0.804	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.75	0.655	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.75	0.463	1
PFOA/PFOS, Total	26.3		ng/l	1.75	0.760	1

Project Name: 130 MIDLANDS AVE PORT CHESTER**Lab Number:** L2430635**Project Number:** 12365B**Report Date:** 06/17/24**SAMPLE RESULTS****Lab ID:** L2430635-05**Date Collected:** 06/03/24 00:00**Client ID:** DUP-1**Date Received:** 06/03/24**Sample Location:** 130 MIDLANDS AVE PORT CHESTER NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	69		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	73		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	69		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	61		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	69		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	58		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	101		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	65		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	58		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	56		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55		20-150

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/14/24 15:41
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/14/24 05:52

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1934249-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
PFOA/PFOS, Total	ND		ng/l	1.60	0.696

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/14/24 15:41
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/14/24 05:52

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1934249-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	73		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	71		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	63		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	73		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLANDS AVE PORT CHESTER

Lab Number: L2430635

Project Number: 12365B

Report Date: 06/17/24

Parameter	Low Level/ LCS		Low Level/ LCS		%Recovery		%Recovery		RPD		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	Limits	Qual	RPD	Qual	RPD	Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1934249-2 LOW LEVEL												
Perfluorobutanoic Acid (PFBA)	111		-		40-150	-	40-150	-	-		-	30
Perfluoropentanoic Acid (PFPeA)	114		-		40-150	-	40-150	-	-		-	30
Perfluorobutanesulfonic Acid (PFBS)	109		-		40-150	-	40-150	-	-		-	30
Perfluorohexanoic Acid (PFHxA)	120		-		40-150	-	40-150	-	-		-	30
Perfluorooheptanoic Acid (PFHpA)	112		-		40-150	-	40-150	-	-		-	30
Perfluorohexanesulfonic Acid (PFHxS)	115		-		40-150	-	40-150	-	-		-	30
Perfluorooctanoic Acid (PFOA)	114		-		40-150	-	40-150	-	-		-	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	125		-		40-150	-	40-150	-	-		-	30
Perfluorooheptanesulfonic Acid (PFHpS)	112		-		40-150	-	40-150	-	-		-	30
Perfluorononanoic Acid (PFNA)	110		-		40-150	-	40-150	-	-		-	30
Perfluorooctanesulfonic Acid (PFOS)	119		-		40-150	-	40-150	-	-		-	30
Perfluorodecanoic Acid (PFDA)	124		-		40-150	-	40-150	-	-		-	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	124		-		40-150	-	40-150	-	-		-	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	107		-		40-150	-	40-150	-	-		-	30
Perfluoroundecanoic Acid (PFUnA)	100		-		40-150	-	40-150	-	-		-	30
Perfluorodecanesulfonic Acid (PFDS)	104		-		40-150	-	40-150	-	-		-	30
Perfluorooctanesulfonamide (PFOSA)	114		-		40-150	-	40-150	-	-		-	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		40-150	-	40-150	-	-		-	30
Perfluorododecanoic Acid (PFDoA)	112		-		40-150	-	40-150	-	-		-	30
Perfluorotridecanoic Acid (PFTTrDA)	105		-		40-150	-	40-150	-	-		-	30
Perfluorotetradecanoic Acid (PFTeDA)	106		-		40-150	-	40-150	-	-		-	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLANDS AVE PORT CHESTER

Lab Number: L2430635

Project Number: 12365B

Report Date: 06/17/24

Parameter	Low Level/LCSD		Low Level/LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	RPD	Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1934249-2 LOW LEVEL

Surrogate	LCS		LCSD		Acceptance	
	%Recovery	Qual	%Recovery	Qual	Criteria	
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84				20-150	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85				20-150	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83				20-150	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	77				20-150	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				20-150	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77				20-150	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				20-150	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81				20-150	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79				20-150	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				20-150	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70				20-150	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83				20-150	
N-Methyl-d8-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	76				20-150	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75				20-150	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66				20-150	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEIFOSAA)	76				20-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				20-150	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58				20-150	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual	Limits	RPD
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1934249-3								
Perfluorobutanoic Acid (PFBA)	94		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	95		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	92		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	97		-		40-150	-		30
Perfluorooheptanoic Acid (PFHpA)	95		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	94		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	89		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	101		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	95		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	93		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	89		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	97		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	97		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	87		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	90		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	98		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	89		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	92		-		40-150	-		30
Perfluorotridecanoic Acid (PFTTrDA)	91		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	90		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Lab Number: L2430635
Report Date: 06/17/24

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

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1934249-3

Surrogate	LCS		LCSD		Acceptance	
	%Recovery	Qual	%Recovery	Qual	Criteria	
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85				20-150	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				20-150	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84				20-150	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79				20-150	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82				20-150	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77				20-150	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79				20-150	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85				20-150	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75				20-150	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75				20-150	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	66				20-150	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85				20-150	
N-Methyl-d8-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75				20-150	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72				20-150	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66				20-150	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEIFOSAA)	76				20-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65				20-150	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	52				20-150	

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information	
Cooler	Custody Seal
A	Absent
B	Absent

Container Information		Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
Container ID	Container Type								
L2430635-01A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-01B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-01C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-01D	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2430635-01E	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2430635-02A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-02B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-02C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-02D	Plastic 500ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2430635-02E	Plastic 500ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2430635-02F	Plastic 500ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2430635-03A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-03B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-03C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-03D	Plastic 500ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2430635-03E	Plastic 500ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2430635-03F	Plastic 500ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2430635-04A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-04B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-04C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260(14)
L2430635-04D	Plastic 500ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2430635-04E	Plastic 500ml unpreserved	B	NA		3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)



Container Information				Initial			Final			Frozen		
Container ID	Container Type	Cooler	pH	pH	deg C	Pres	Seal	Date/Time	Analysis(*)			
L2430635-04F	Plastic 500ml unpreserved	B	NA	NA	3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)			
L2430635-05A	Vial HCl preserved	A	NA	NA	4.1	Y	Absent		NYTCL-8260(14)			
L2430635-05B	Vial HCl preserved	A	NA	NA	4.1	Y	Absent		NYTCL-8260(14)			
L2430635-05C	Vial HCl preserved	A	NA	NA	4.1	Y	Absent		NYTCL-8260(14)			
L2430635-05D	Plastic 500ml unpreserved	B	NA	NA	3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)			
L2430635-05E	Plastic 500ml unpreserved	B	NA	NA	3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)			
L2430635-05F	Plastic 500ml unpreserved	B	NA	NA	3.4	Y	Absent		A2-NY-1633-DRAFT-21(28)			
L2430635-06A	Vial HCl preserved	A	NA	NA	4.1	Y	Absent		NYTCL-8260(14)			
L2430635-06B	Vial HCl preserved	A	NA	NA	4.1	Y	Absent		NYTCL-8260(14)			

Project Name: 130 MIDLANDS AVE PORT CHESTER
Project Number: 12365B

Serial_No:06172414:41
Lab Number: L2430635
Report Date: 06/17/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEEA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 130 MIDLANDS AVE PORT CHESTER
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Serial_No:06172414:41
Lab Number: L2430635
Report Date: 06/17/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: 130 MIDLANDS AVE PORT CHESTER
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Lab Number: L2430635
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GLOSSARY

Acronyms

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

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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Lab Number: L2430635
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases**

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

Appendix F:

Second Soil Vapor Intrusion Memo (April 2024)

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).

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

Client Sample ID:		NYSDOH Indoor Air Lower Threshold Criteria	NYSDOH Sub- slab Lower Threshold Criteria	IA-1 JD85406-1 3/28/2024 Indoor Air Comp.	IA-2 JD85406-2 3/28/2024 Indoor Air Comp.	IA-3 JD85406-3 3/28/2024 Indoor Air Comp.	AA-1 JD85406-4 3/28/2024 Ambient Air Comp.	SV-1 JD85406-5 3/28/2024 Soil Vapor Comp.	SV-2 JD85406-6 3/28/2024 Soil Vapor Comp.	SV-3 JD85406-7 3/28/2024 Soil Vapor Comp.
Lab Sample ID:										
Date Sampled:										
Matrix:										
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

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Test results relate only to samples analyzed.

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

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

CASE NARRATIVE / CONFORMANCE SUMMARY

2

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.

Monday, April 8, 2024

Page 1 of 2

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	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	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	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

Page 4 of 6

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



Lab Sample ID	Client Sample ID	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

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



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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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
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Summary of Hits

Page 6 of 6

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



Lab Sample ID	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



Dayton, NJ

Section 4

4

Sample Results

Report of Analysis

Report of Analysis

Page 1 of 3

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

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

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

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VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
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(a) This compound in blank spike is outside in house QC limits bias high.

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

Report of Analysis

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

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

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VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
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(a) This compound in blank spike is outside in house QC limits bias high.

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

Report of Analysis

Page 1 of 3

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

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

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VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
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(a) This compound in blank spike is outside in house QC limits bias high.

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

Report of Analysis

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

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

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

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VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
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(a) This compound in blank spike is outside in house QC limits bias high.

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

Report of Analysis

Page 1 of 3

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

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

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

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VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
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(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	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

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

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

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

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VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
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(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	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

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

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

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

4.7
4

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	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log



AIR CHAIN OF CUSTODY

SUMMA

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

JD85406 PAGE 1 OF 1

FED-EX Tracking #
SGS Quote #
SGS Job #Biller Order Control #
768-031724-97

Client / Reporting Information				Project Information				Weather Parameters				Requested Analysis																			
Company Name SESI				Project Name 136 MIDLAND				Temperature (Fahrenheit)																							
Address 95 RT 46 F13,300				Street 136 MIDLAND				Start: 800 Maximum: 50																							
City Port Jervis, NY				City Port Jervis, NY				Stop: 300 Minimum: 43																							
State NY				State NY				Atmospheric Pressure (inches of Hg)																							
Zip 13304				Project # P365 B				Start: 800 Maximum:																							
Project Contact Jesse Mausner				Client Purchase Order #				Stop: 1300 Minimum: 29.95																							
E-mail JAM@SESI.org																															
Phone # 973 809 2079																															
Fax #																															
Sampler(s) Name(s)								Other weather comment Rainy																							
Lab Sample #		Field ID / Point of Collection		Air Type		Sampling Equipment Info		Start Sampling Information				Stop Sampling Information																			
				Indoor (I) Soil Vap (SV) Ambient (A)		Canister Serial #		Canister Size 6L or 1L		Flow Controller Serial #		Date		Time (24hr clock)		Canister Pressure ("Hg)		Interior Temp (F)		Sampler Init.		Date		Time (24hr clock)		Canister Pressure ("Hg)		Interior Temp (F)		Sampler Init.	
1	IA-1	I	A171	6L	FC673	312824	955	-30		RP	312824	1027	-1.0		RP	X															
2	IA-2	I	A631	6L	FC651		945	-31				1019	-5.0																		
3	IA-3	I	A177	6L	FC993		935	-26				1008	-2.0																		
4	AA-1	A	M121		FC763		1635	-30				1104	-4.0																		
5	SV-1	SV	A1960		FC909		1115	-28				1151	-5.1																		
6	SV-2	I	A2009		FC672		1646	-29				1128	-4																		
7	SV-3	I	A1206		FC641		1136	-29				1202	-5																		
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks																							
☒ Standard - 15 Days 10 Day 5 Day 3 Day 2 Day 1 Day Other				All NJDEP TO-15 is Mandatory Full T1 Comm A Comm B Reduced T2 Full T1 Other: DKQP reporting				Initial Assessment Label Verification																							
Approved By: _____ Date: _____				Sample inventory is verified upon receipt in the Laboratory																											
Relinquished by Laboratory:				Date/Time:				Received By:				Date/Time:																			
1				3/27/17 7:10				1				3/27/17 7:10																			
Relinquished by:				Date/Time:				Relinquished by:				Date/Time:																			
3				3/28/17 1:58				3				3/28/17 1:58																			
Relinquished by:				Date/Time:				Relinquished by:				Date/Time:																			
5								5																							
Relinquished by:				Date/Time:				Relinquished by:				Date/Time:																			
Custody Seal #																															

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

<http://www.sgs.com/en/terms-and-conditions>JD85406: Chain of Custody
Page 1 of 2

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JD85406

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

JD85406: Chain of Custody

Page 2 of 2

Summa Canister and Flow Controller Log

Page 1 of 1

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	CP127143W85888.D	JD85406-1	03/29/24	JT		0			1
A631	6	29	03/26/24	BK	CP127143W85888.D	JD85406-2	03/29/24	JT		3			1
A1177	6	29.5	03/26/24	BK	CP127143W85888.D	JD85406-3	03/29/24	JT		3			1
M121	6	29.5	03/26/24	BK	CP127128W05344.D	JD85406-4	03/29/24	JT			0		1
A1860	6	29.5	03/26/24	BK	CP127143W85888.D	JD85406-5	03/29/24	JT		4.5			1
A2009	6	29.5	03/26/24	BK	CP127143W85888.D	JD85406-6	03/29/24	JT		2			1
A1206	6	29.5	03/26/24	BK	CP127143W85888.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 03/26/24 **Room Temp(F)** 70 **Bar Pres "Hg** 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 Reynosa Date/Time Prepared 3/28/24 ~830-900 am
Preparer's Affiliation SESI Phone No. 973518 8775
Purpose of Investigation Sub-slab & Ambient / Indoor Air Sample Collection

1. OCCUPANT:**Interviewed: Y / N**

Last Name: floor and decor First Name: MICAH Salvosky & Jena (floor + decor manager)

Address: 130 midland portchester, NY

County: Westchester county

Home Phone: — Office Phone: MICAH (845) 300 6832

Number of Occupants/persons at this location 40+ staff Age of Occupants 18+

~15+ customers/shoppers

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

Interviewed: Y / N

Last Name: Leahy First Name: Kevin

Address: 168B Irving Ave, Port Chester

County: Westchester county

Home Phone: N/A Office Phone: 646 877 5660

3. BUILDING CHARACTERISTICS**Type of Building:** (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
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: <u>N/A</u>

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 N 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 building.

Infiltration into air ducts

Ar des 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)

- | | | |
|----------------------------|------------------|---------------------|
| <u>Hot air circulation</u> | Heat pump | Hot water baseboard |
| Space Heaters | Stream radiation | Radiant floor |
| Electric baseboard | Wood stove | Outdoor wood boiler |
| | | Other <u>—</u> |

The primary type of fuel used is:

- | | | |
|--------------------|----------|----------|
| <u>Natural Gas</u> | Fuel Oil | Kerosene |
| <u>Electric</u> | Propane | Solar |
| Wood | Coal | |

Domestic hot water tank fueled by: electricityBoiler/furnace located in: Basement Outdoors Main Floor Other ← RoofAir 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 ~~Smooth~~ 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	<u>N/A</u>
1 st Floor	<u>Flooring Rental / Commercial use</u>
2 nd Floor	<u>—</u>
3 rd Floor	<u>—</u>
4 th Floor	<u>—</u>

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 Pencil lift & 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 Michèle
- 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 Michèle/Jane

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: summer 2003 (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

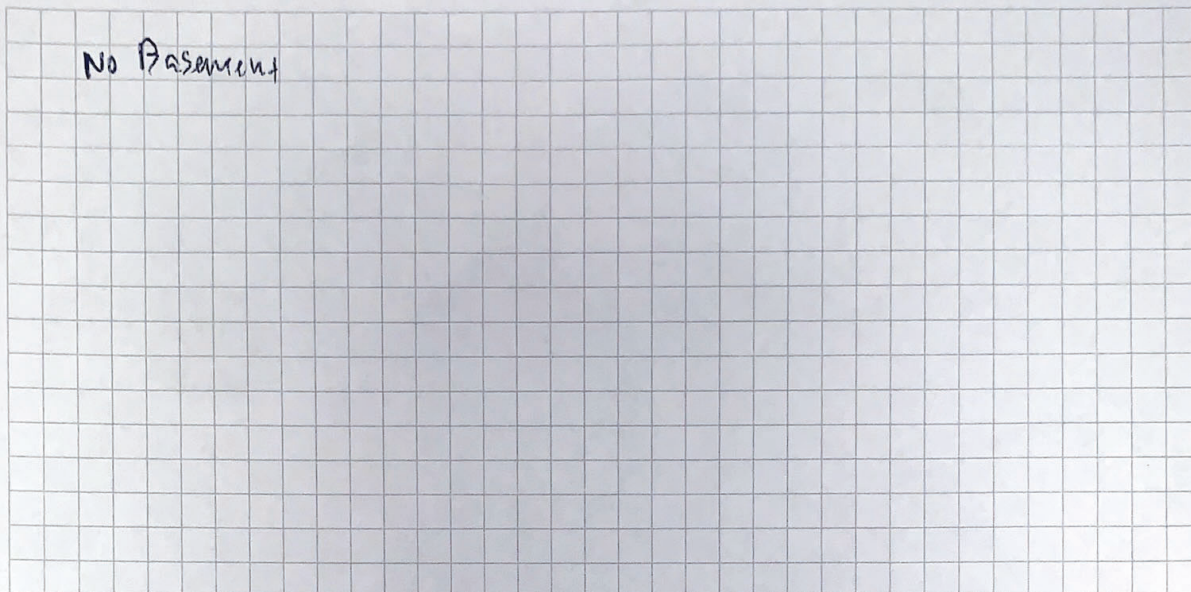
c. Responsibility for costs associated with reimbursement explained? Y / N _____

d. Relocation package provided and explained to residents? Y / N _____

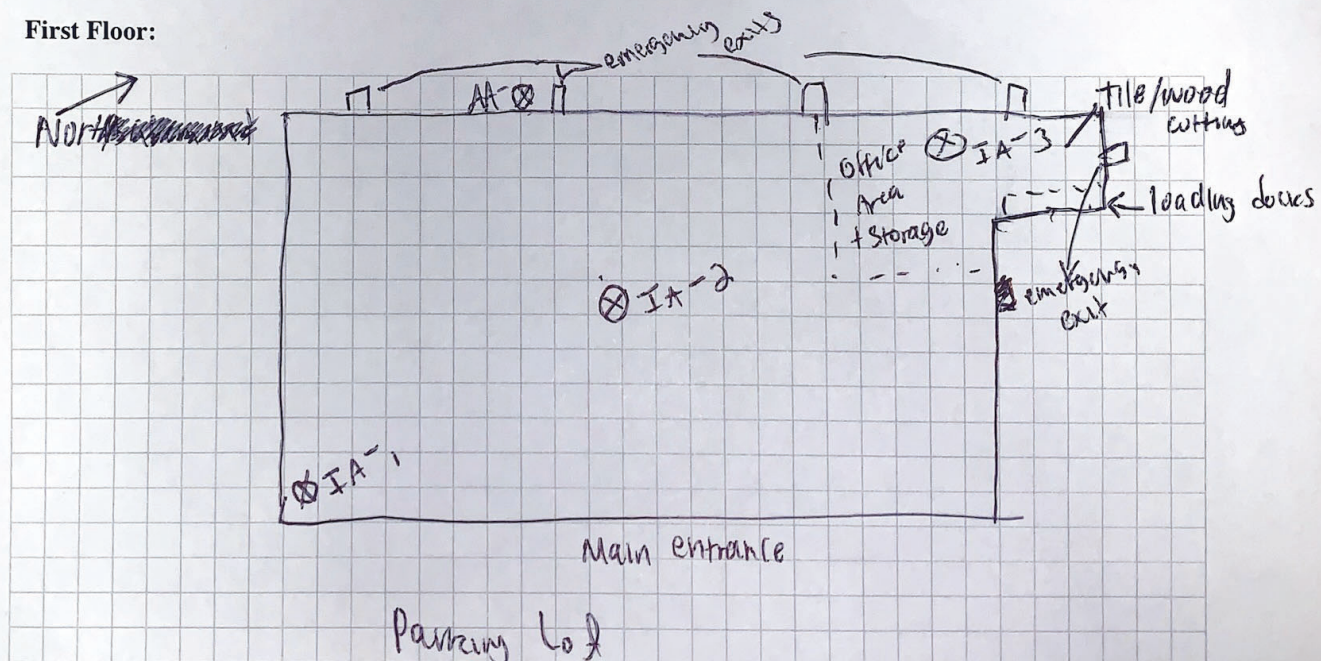
11. FLOOR PLANS

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:



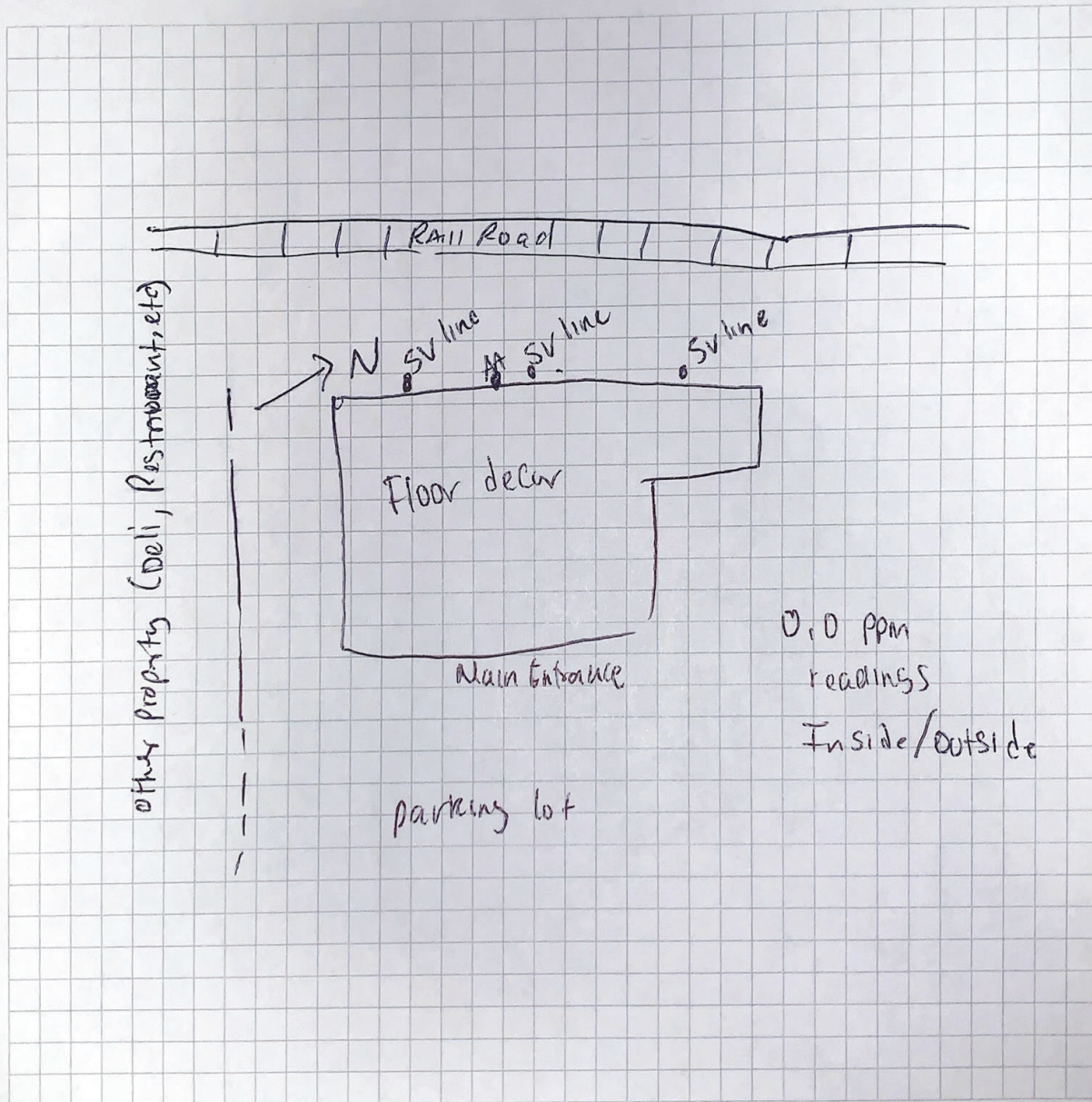
First Floor:



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.



List specific products found in the residence that have the potential to affect indoor air quality.

* 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 No.	C360195	Site Details	Box 1
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: December 29, 2023 to April 29, 2025			
			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))?			☐ ☐
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	

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
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 complete.

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 8751 18th Ave Brooklyn NY 11214.
print name print business address

am certifying as Owner (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

11/4/25
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 Steven Gustems at 959 Route 46, Parsippany, NJ,
print name print business address

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



Signature of Qualified Environmental Professional, for
the Owner or Remedial Party, Rendering Certification

Stamp
(Required for PE)

11/14/2025

Date