BAE SYSTEMS – BUILDING 2
5 CUBA HILL ROAD, GREENLAWN, NEW YORK 11740
SCTM ID: 0400-106.00-02.00-010.000
NYSDEC SITE: 1-52-005

SUB-SLAB SOIL MITIGATION SYSTEM CLOSURE SUMMARY REPORT

SUBMITTED TO:

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7016

PREPARED FOR:

BAE Systems
Greenlawn, New York 11740

PREPARED BY:

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PWGC Project Number: BAE2202

APRIL 2024

ENVIRONMENTAL SUMMARY REPORT
BAE SYSTEMS, GREENLAWN, NEW YORK 11740

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ACRONYMS

ACRONYM	DEFINITION
ASP	Analytical Services Protocol
cis-1,2-DCE	cis-1,2-dichloroethylene
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Approval Program
LDC	Laboratory Data Consultants, Inc.
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCE	Tetrachloroethylene
PID	Photo-ionization Detector
PWGC	P.W. Grosser Consulting, Inc.
QA/QC	Quality Assurance / Quality Control
RCRA	Resource Conservation Recovery Act
ROI	Radius of Influence
SCO	Soil Cleanup Objective
SSVM	Sub-slab Vapor Mitigation
SVOC	Semi-volatile Organic Compound
TCE	Trichloroethylene
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
UU	Unrestricted Use
VFD	Variable Frequency Drive
VOC	Volatile Organic Compound

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1.0 INTRODUCTION

1.1. Purpose

P.W. Grosser Consulting (PWGC) has prepared the following Sub-Slab Vapor Mitigation (SSVM) System Closure Summary Report on behalf of BAE Systems (Client) to summarize the environmental investigative and remedial activities performed to date at BAE Systems – Building 2 (hereinafter referred to as the "Site") located at 5 Cuba Hill Road in Greenlawn, New York.

1.2. Site Description

BAE Building 2 is one of five main buildings located at a facility which covers approximately 23 acres in Greenlawn, New York. A Site Plan is included as **Figure 1**. The Site is located southeast of the intersection of Cuba Hill Road and the Port Jefferson Branch of the Long Island Railroad.

The site was owned by Republic Aviation in the 1940s which manufactured aircraft equipment. Hazeltine Corporation obtained the property in 1957 and manufactured sheet metal, machine parts, and electronic systems. A metal degreasing tank containing tetrachloroethene (PCE) was formerly used in the "Alodine Room" of Building 2 as part of these historical operations. The site is currently occupied by BAE which utilizes Building 2 for metal machining, finishing, painting, and de-burring. The "Alodine Room" is indicated on **Figure 2**.

The BAE site was classified as a Class 2 Inactive Hazardous Waste Disposal site in March 1994 as a result of the detection of VOCs, specifically PCE, in shallow soils beneath the former Alodine Room. The site was reclassified as a Class 4 site in May 1995 and delisted in September 1997. The presence of the PCE was documented in the early 1990s during a Resource Conservation Recovery Act (RCRA) Closure of the Alodine Room by BAE's predecessor, Hazeltine Corp. While the conditions at the site were known to the NYSDEC at that time, the conditions were not actionable by the Department and no action beyond an application of an epoxy floor coating for the Alodine Room was required. In 2006, guidance policy changes in the New York State Department of Health (NYSDOH) regarding the potential for soil vapor intrusion required the NYSDEC to review their closed case files to identify known sites where previously documented conditions have the potential to create

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a vapor intrusion problem. Multiple sites, including the BAE site, were listed as Legacy Sites as a result of the vapor intrusion policy changes.

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2.0 SITE BACKGROUND

2.1. Historical Environmental Investigations

2.1.1. AECOM Soil Vapor Evaluation, 2010

In March and April of 2010, the NYSDEC, through its subcontractor AECOM Technical Services Northeast, Inc. of Bloomfield, NJ (AECOM), performed an investigation in and around Building 2 to evaluate current subsurface conditions. The investigation primarily focused on the soil quality and soil vapor conditions beneath, and in the vicinity of, the former Alodine Room. While the investigation revealed the presence of PCE in soil samples, the detected concentrations were not actionable as they were below NYSDEC's Industrial Soil Cleanup Objectives (SCOs). The investigation did confirm the presence of soil vapor conditions beneath portions of the Building-2 floor slab that, when compared to NYSDOH soil vapor criteria, would require mitigation measures to prevent the potential for migration of the soil vapors into the occupied building space. The results of the AECOM investigation are contained in their draft report entitled Draft Soil Vapor Evaluation, Hazeltine Corporation, Site No. 1-52-005, June 2010.

BAE met with the NYSDEC in September 2010 to discuss the project and gain their concurrence for the path forward. In response to the findings of AECOM's investigation, BAE voluntarily performed an extensive investigation in order to define the extent of the soil vapor condition at Building 2 and design a mitigation measure.

2.1.2. PWGC Subsurface Investigation Report and SSVM Design, 2012

PWGC performed a subsurface investigation at the Site which included the collection of 12 soil boring samples, 2 storm drain samples, 4 leaching pool samples, 11 sub-slab soil vapor samples with corresponding indoor air samples, 6 soil vapor samples, and 2 outdoor air samples.

VOCs were not detected in the soil boring samples with the exception of low concentrations of PCE in GP-12 (6.4 µg/kg), located east of Building 2, and SD-1 (23 µg/kg). These concentrations were within the Unrestricted Use SCOs (UUSCOs) for PCE.

For the leaching pool and storm drain samples, PCE, TCE, and cis-1,2-DCE were detected in the soil sample collected from leaching pool LP-1, with TCE exceeding UUSCOs at 680 µg/kg (UUSCO at 470 µg/kg). These compounds were not detected in leaching pools LP-2, LP-3, and LP-4. Vinyl chloride was not detected in the leaching pool samples.

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Sub-slab soil vapor and indoor air data was compared to Soil Vapor / Indoor Air Matrices provided in the New York State Department of Health (NYSDOH) *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006. Based on the concentrations of PCE detected in the sub-slab vapor samples, mitigation was the action recommended by the NYSDOH matrix for nine of the eleven sampling locations.

Elevated concentrations of PCE, TCE, and cis-1,2-DCE were detected in the soil vapor samples, consistent with the sub-slab vapor concentrations detected under the Building 2 floor. Vinyl chloride was not detected in the soil vapor samples. The highest concentrations were detected in SV-2 (52,600 µg/m^3 of PCE), which were comparable to the highest concentrations detected in the sub-slab vapor samples.

Based on the findings of the subsurface investigation, PWGC recommended the installation of an active Sub-Slab Vapor Mitigation (SSVM) system to prevent the potential intrusion of chlorinated VOC vapors into the indoor air of BAE Building 2.

2.2. Remediation Efforts

2.2.1. PWGC SSVM Installation Report, 2013

PWGC prepared an SSVM System Installation Report in July 2013, on behalf of BAE Systems in order to document the installation and start-up activities performed at BAE Building 2 in Greenlawn, New York to mitigate the potential for sub-slab VOC vapors to intrude into the subject building.

2.2.1.1. SSVM System Installation

The SSVM system consists of four separate, independent SSVM systems as shown in **Figure 3**. The design of the system was based upon findings of a December 2011 pilot test to evaluate the feasibility of operating a full-scale SSVM system in Building 2. Each system creates an ROI that covers a portion of the building's sub-slab and is comprised of an SSVM pit with indoor and outdoor piping running to a dedicated roof-mounted blower unit. The four primary system components included the following:

- SSVM Pit
- Riser pipe
- Regenerative Blower Assembly
- Variable Frequency Drive (VFD)

- Instrumentation and Controls

SSVM details are included in **Figure 4.**

At each pit location, a 4'x4' square was saw cut out of the concrete floor slab. The underlying material was excavated to a depth of approximately 19 inches with the material properly disposed of off-site. A 3" thick non-reinforced concrete support slab was installed at the bottom of the excavation. A 3'x3'x1' prefabricated metal box, consisting of a 2"x 2"x1/4" metal frame with 304 stainless steel expanded metal welded to the frame on all six sides, was placed upon the concrete support slab. A 4" diameter galvanized steel pipe penetrated the expanded metal on one side, extending approximately 10" into the center of the prefabricated box. On the exterior of the box, the steel pipe angled up at 90 degrees to run parallel to the wall where it was supported by pipe supports every 4'. The excavation was backfilled around the box and riser pipe with crushed aggregate meeting specifications as defined in ASTMC-33-90. A 10-mil vapor barrier was installed above the metal box and surrounding aggregate backfill. The vapor barrier was installed and terminated per the manufacturer's instructions. A 4" thick, reinforced concrete slab, was poured flush with the existing slab. The riser pipe penetration through the new slab was sealed with non-VOC emitting elastomeric joint sealant. The riser pipe penetrated the roof where it ran horizontally to the blower assembly and ultimately the final exhaust stack location. This is a common design for dry soils. Four (4) 2-HP vacuum blower systems were located on the roof near the location of each riser pipe roof penetration. The riser ran horizontally from the point of penetration along the roof to the location of the blower assembly. The blower assembly was fabricated off-site by Gasho. The blower assembly was housed in a custom steel weatherproof blower enclosure located on the roof.

2.2.1.2. SSVM Startup

During the start-up phase, the entire system was put into operation. The strategy for the start-up was to conduct these activities sequentially, comparing observations and test data against design and performance criteria. This allowed the system to be brought online in a systematic and safe manner. The sequence terminates when the design and equipment performance are documented to be in compliance with specifications, and the system is ready for transition into the operations and maintenance phase.

During startup, leaks from the suction pits were sealed with vapor sealing tape. Communication testing was performed utilizing 10 permanent sub-slab monitoring points and 11 temporary sub-slab monitoring points. Communication testing was performed utilizing a digital manometer.

The SSVM system ran continuously from the summer of 2013 with few maintenance issues. In May 2022, the system shut down briefly due to water accumulation in the moisture separator collection drums reaching capacity. Following the emptying of water from the drums, the SSVM system returned to full functionality.

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3.0 SSVM CLOSURE

3.1. PWGC SSVM System Closure Work Plan, 2022

PWGC prepared an SSVM System Closure Work Plan in July of 2022 to evaluate the soil vapor intrusion potential at the site to assist in determining if the operating SSVM system can be permanently shut down and decommissioned. The scope detailed is based upon a May 31, 2022 meeting with NYSDEC, New York State Department of Health (NYSDOH), BAE Systems Management and PWGC and in accordance with the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). The work plan was submitted to NYSDEC and was approved on October 5, 2022.

Specifically, the testing protocol to facilitate system shutdown and closure of the SSVM looked to confirm that the system operated as intended and reduced sub-slab VOC concentrations to low enough concentrations that warranted that the SSVM system was no longer needed to address current or potential exposures related to soil vapor intrusion. The sampling was intended to prove that residual contamination, if any, in subsurface vapors would not affect indoor air quality significantly based upon soil vapor and/or sub-slab vapor sampling results; and residual contamination, if any, in subsurface vapors would not affect indoor air quality when active mitigation systems are turned off based upon indoor air, outdoor air and sub-slab vapor sampling results.

3.2. SSVM Closure Sampling Activities

3.2.1. Soil Vapor Monitoring Point Installation

To facilitate a representative sampling event and evaluate soil vapor quality beneath the Alodine room, an additional monitoring point (MP-11) was installed in the Alodine room. On October 19, 2022, PWGC and Lakewood Environmental Services of Smithtown, New York (Lakewood) mobilized to the Site to install the monitoring point. The monitoring point was installed using a stainless-steel tubing embedded in the sub-slab material. The tubing extended approximately 2 inches into the sub-slab material. About 1 inch of porous, inert backfill material was added to the cover of the probe tip. The monitoring point was then sealed to the surface with cement. The sampling tube was connected to a barb adapter with a valve to install the sampling equipment, then secured using a flush-mounted cover with sealed edges.

3.2.2. SSVM Sampling Events

3.2.2.1. Sampling Protocol

Following the installation of the additional monitoring point in the Alodine room, PWGC proceeded to conduct a series of sampling events. Sampling events occurred on December 9, 2022, March 31, 2023, and November 10, 2023. Sub-slab soil vapor sampling was performed in accordance with the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in New York State," (NYSDOH Guidance) October 2006 and subsequent addenda.

3.2.2.2. Sub-Slab Soil Vapor Sampling

PWGC utilized the new monitoring point and the ten existing permanent monitoring points to collect eleven sub-slab vapor samples. The SSVM systems were shut off for a minimum of four weeks prior to each sampling event. A vacuum reading was taken at each of the monitoring points pre- and post-sampling to confirm the SSVM system was properly shut off during sampling. A summa canister was connected to the sampling barb of each monitoring point with polyethylene tubing in order to collect the sample.

3.2.2.3. Tracer Gas Testing

Prior to sampling, the integrity of sub-slab soil vapor sampling point seals was tested using tracer gas analysis. The environment surrounding the seal was enriched with the tracer gas (helium) as readings were collected through the sampling probe with a portable helium detector. Seals were adjusted as needed until acceptable tracer gas readings were collected from each soil vapor probe indicating the seals were intact and the sampling probes were acceptable for sample collection.

3.2.2.4. Ambient Indoor and Outdoor Sampling

In addition to the sub-slab vapor samples, four indoor air samples were collected concurrently in the breathing zone (approximately 3 to 5 feet above the floor). One outdoor air sample (ambient air sample) was collected upwind of Building 2.

3.2.2.5. Soil Vapor and Air Sample Collection Protocol

The samples were collected in summa canisters fitted with 8-hour regulators. The samples were delivered under proper chain of custody procedures to York Analytical Laboratories of Stratford, Connecticut (York), a NYSDOH environmental laboratory accredited program (ELAP) certified laboratory for analysis of VOCs by USEPA method TO-15. Analytical data are summarized in **Table 1**; laboratory reports are included as **Appendix A**. An inspection was performed to identify and minimize conditions that may interfere with the proposed

testing. The inspection evaluated the type of structure, floor layout, air flows and physical conditions of the building being studied. This information, along with information on sources of potential indoor air contamination, is included on a building inventory form (**Appendix B)**. The sampling locations are included as **Figure 6.**

3.2.2.6. Quality Assurance / Quality Control Procedures

QA/QC procedures were used to provide performance information with regard to the accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analysis for this investigation. Field QA/QC procedures were used to document that samples are representative of actual conditions at the Site and to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix or by laboratory techniques that may have introduced systematic or random errors to the analytical process. Duplicate indoor air samples were collected in the Reprographics room for QA/QC and analyzed at York. Third-party data validation was performed by Laboratory Data Consultants, Inc. (LDC) of Carlsbad, California. Full data validation was performed on 10% of the data. A copy of the Data Usability Summary Report is included as **Appendix C**.

3.2.3. Sampling Results

Sub-slab soil vapor samples and their corresponding indoor air samples were compared against the NYSDOH Matrix Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion (May 2017). Matrices for each monitoring point for each sampling event are included as **Appendix D**. Total concentrations for VOCs used in matrices collected in the sub-slab soil vapor and ambient air samples between the first, second, and third sampling events are summarized in the table below.

Sample Date	12/9/2022 TVOCs	3/31/2023 TVOCs	11/10/2023 TVOCs	Final Decision Matrix Recommendation
Days of System Shutdown Prior to Sampling	31	32	34*	
Monitoring Point	µg/m³	µg/m³	µg/m³	
MP-1	898.46	580.95	3.35	No Further Action
MP-2	324.79	206.32	3.35	No Further Action
MP-3	101.07	89.11	6.78	No Further Action
MP-4	795.10	581.49	271.48	No Further Action
MP-5	138.02	149.96	28.41	No Further Action
MP-6	1,571.90	2,022.87	32.66	No Further Action
MP-7	184.50	275.44	116.5	No Further Action
MP-8	82.56	94.97	115.48	No Further Action
MP-9	797.10	970.30	376.14	Mitigate
MP-10	166.57	106.53	77.93	No Further Action
MP-11	905.66	4,698.24	1,436.53	Mitigate
IA-1	1.171	4.251	1.777	N/A
IA-2	0.323	3.142	1.048	N/A
IA-3	1.889	1.891	2.366	N/A
IA-4	1.564	2.165	2.195	N/A
OA-1	1.059	1.428	1.180	N/A

*The Blower for SSVM Pit 3 was shut down for 34 days prior to sample. Blowers for SSVM Pits 1, 2, and 4 were shut down on June 13, 2023 (150 days).

3.2.3.1. Discussion

The highest overall concentrations of VOCs in the sub-slab soil vapor during the first two rounds of vapor sampling were observed in MP-11, located in the Alodine Room where the former PCE tank was located, MP-9, located inside the PIF Lab immediately south of the Alodine Room, and MP-6, located in the Materials Lab adjacent to the east of MP-9. The nearest SSVM Pit to each of these monitoring points is location #3 inside the Tool Crib, approximately 70 feet to the east of MP-9 and MP-11 and approximately 30 feet north of MP-6.

On May 24, 2023, PWGC proposed the temporary closure of SSVM Pits 1, 2, and 4 during a meeting with NYSDEC, based on the majority of monitoring points exhibiting soil vapor/indoor air matrices of "no further action." SSVM Pit 3 will remain running to extract soil vapor from MP-6, MP-9, and MP-11. NYSDEC agreed and SSVM Pits 1, 2, and 4 were

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closed on June 13, 2023. Email correspondence with NYSDEC related to SSVM Closure activities is included in **Appendix E**.

The third sampling event was conducted on November 10, 2023, after nearly seven months with only SSVM Pit 3 operating. The matrices for each target compound for the third round of sampling yielded a guidance recommendation of "no further action" for each of the soil vapor/indoor air sample pairs with the exception of MP-9 for TCE and MP-11 for TCE and PCE. However, total VOC concentrations for MP-9 and MP-11 dropped by 61.2% and 69.4%, respectively, compared to the second round of sampling. Notably, total VOCs in MP-6 dropped to 32.66 µg/m^3, a decrease of approximately 98.4% from the previous sampling event.

3.3. Green Remediation Evaluation

Remediation of a site benefits the surrounding environment by making the site protective of public health and by reducing or eliminating localized contamination. However, there is an environmental footprint inherent in remediating sites. For example, a remedy may require significant energy and material use, and contribute emissions of carbon dioxide (CO_2) and other greenhouse gases (GHGs) to the atmosphere. This footprint can extend beyond the site property lines and even beyond adjacent properties to the larger environment, which may include the atmosphere at a significant distance from the site due to the emissions from power generation, which provides electricity to operate remedial equipment. Decisions made during the course of planning and implementing the investigation and remediation impact the footprint of the cleanup.

Continued operation and potential shut down of the SSVM System was evaluated in accordance with the NYSDEC Program Policy DER-31/Green Remediation policy. Specifically, in evaluating a potential shutdown of the SSVM system, *all environmental effects of remedy implementation and incorporation options to minimize the environmental footprint of cleanup actions*, should be considered.

The green remediation evaluations considered during remediation were to increase the sustainability of the project by minimizing energy consumption. This section provides a summary of the reduction in energy consumption.

Reduced Energy Consumption and Promotion of Greater Energy Efficiency. Minimizing total energy consumption results in reduced CO_2/GHG emissions to the atmosphere, improved local air quality, reduced in-city power generation requirements, and can lower traffic congestion and provide substantial cost savings.

The shutdown of three out of the four SSVM Pits on June 13, 2023, eliminated the energy consumption required to operate the motors for the fans running continuously at each system. BAE Systems indicated that with these fans no longer running, the yearly electricity savings is estimated to be approximately 42,011 kilowatt-hours (kWh).

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4.0 CONCLUSIONS & RECOMMENDATIONS

4.1.1. Conclusions

Sub-slab soil vapor and ambient air samples were collected over three rounds occurring on November 9, 2022, March 31, 2023, and November 10, 2023, to determine if the operating SSVM system can be permanently shut down and decommissioned. An additional monitoring point, MP-11, was installed on October 19, 2022, in the Alodine Room, where the former PCE tank was used for degreasing. Following the second sampling event, the blowers for SSVM pits 1, 2, and 4 were shut off, as the soil vapor/ambient air matrices for monitoring points influenced by these pits yielded decisions of "no further action." Analytical results following the third sampling event yielded a guidance recommendation of "no further action" for each of the soil vapor/indoor air sample pairs with the exception of MP-9 for TCE and MP-11 for TCE and PCE.

4.1.2. Recommendations

At this time, PWGC recommends the following:

- The SSVM pits 1,2 and 4 are to be permanently shut down and the blower systems connected to the pits should be decommissioned since no rebound in the TCE and PCE concentration was observed in the November 2023 sampling event. The Existing monitoring points will remain until such time as the rest of the system is decommissioned, to allow for potential changes in future sampling locations.
- The future sampling should be limited to soil vapor/ambient air sampling for MP-6, MP-9, and MP-11.
- The frequency of the sampling should be once a year with a sampling event to be held in November each year until matrices indicate "no further action" for each of the sampled monitoring points.
- If future sampling results fall within the NYSDOH matrices indicating "no further action" for each of the sampled monitoring points, the results will be discussed with NYSDEC/NYSDOH and SSVM pit 3 can be permanently shut down and the blower systems connected to the pits will be decommissioned after approval is received from NYSDEC/NYSDOH.

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FIGURES

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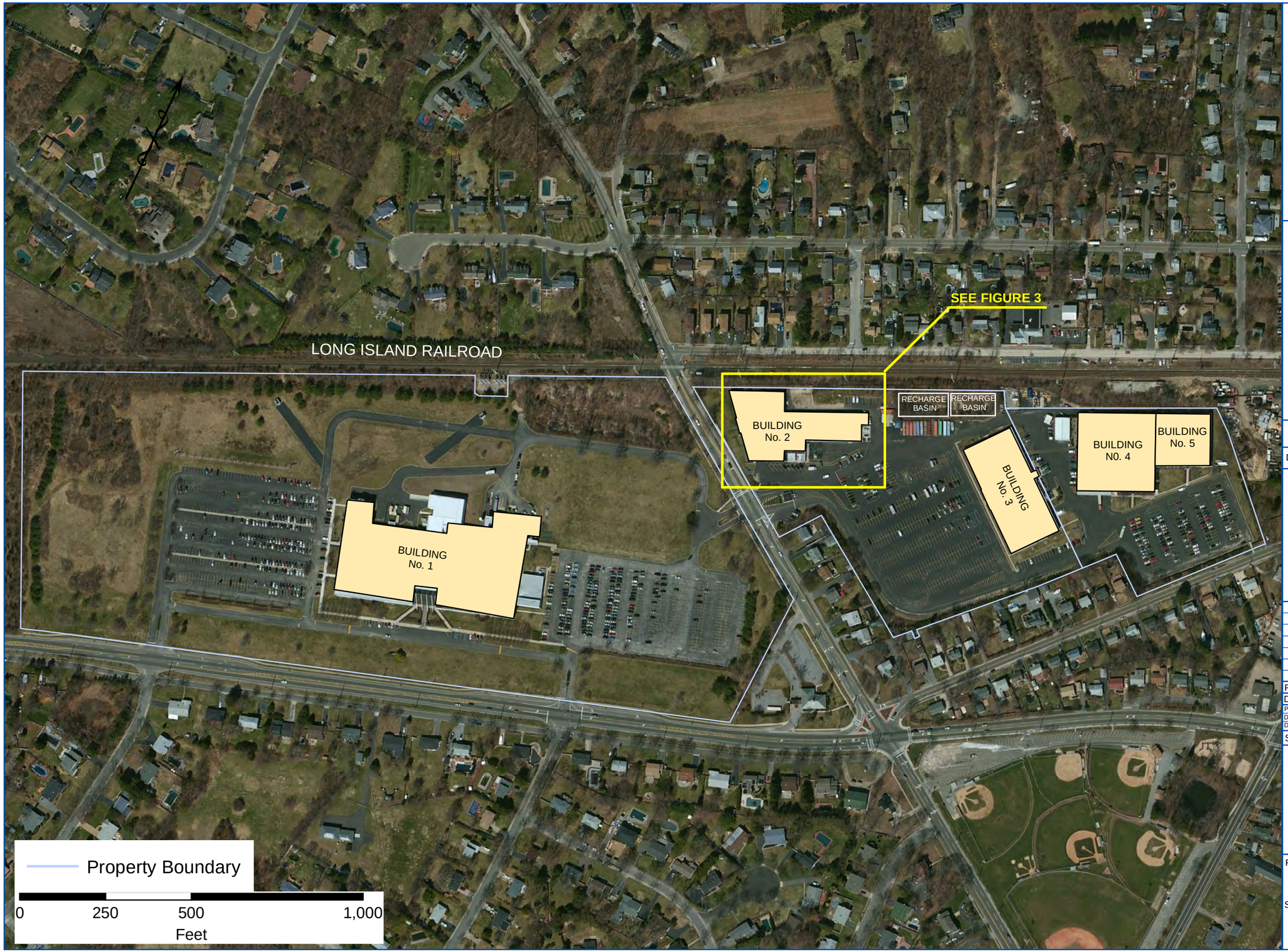

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DATA SOURCE:
ESRI: 2010 BING MAPS

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DRAWINGS PREPARED FOR:

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

PROJECT:	BAE1102	APPROVED BY:	
DESIGNED BY:	IB	DATE:	1/18/2012
DRAWN BY:	IB	SCALE:	AS SHOWN

SHEET TITLE:

BAE SYSTEMS
BUILDING 2 SITE PLAN

5 CUBA HILL ROAD
GREENLAWN, NY 11740

FIGURE NO:
1

SHEET:

FLOOR PLAN
GROUND FLOOR

SCALE: 1" = 30'

0 30 60

SCALE: 1" = 30'

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DRAWINGS PREPARED FOR

BAE SYSTEMS
BUILDING 2
5 CUBA HILL ROAD
GREENLAWN, NY 11740

REVISION	DATE	INITIAL	COMMENTS
1	6/23/22	PH	ADDED PROPOSED MP LOCATION

DRAWING INFORMATION

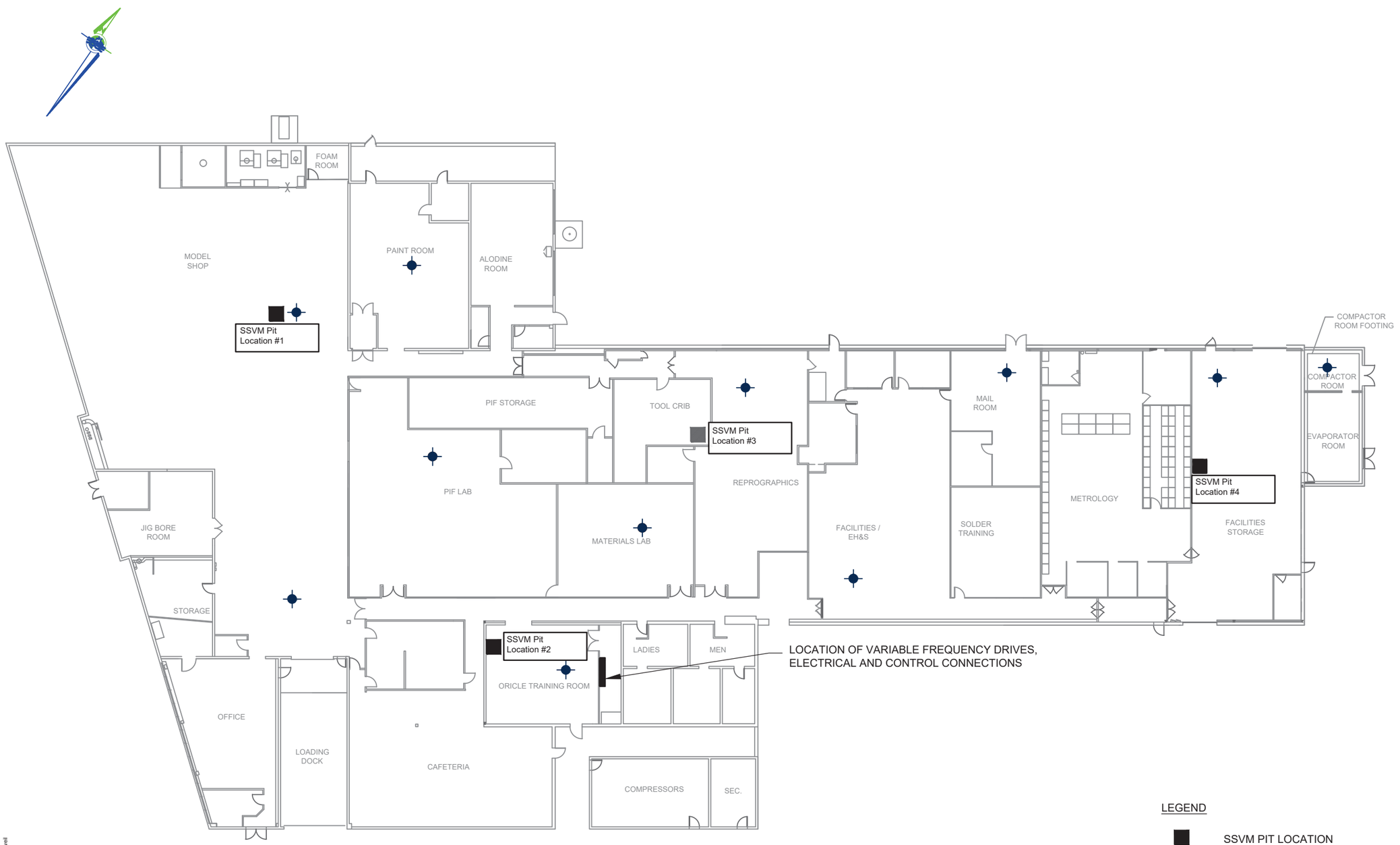
PROJECT:	BAE1102	APPROVED BY:	KA
DESIGNED BY:	DH	DATE:	10-4-13
DRAWN BY:	AES	SCALE:	AS SHOWN

SHEET TITLE

BUILDING 2 FLOOR PLAN

FIGURE NO
2

SHEET OF



FLOOR PLAN
GROUND FLOOR

SCALE: 1" = 30'

LEGEND

- SSVM PIT LOCATION
- EXISTING SUB-SLAB VAPOR PORT LOCATIONS

0 30 60

SCALE: 1" = 30'

J:\Projects\Site Plan.dwg (11x17H) Mar 17,2011-10:20am By: kurzweil

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DRAWINGS PREPARED FOR

BAE SYSTEMS
BUILDING 2
5 CUBA HILL ROAD
GREENLAWN, NY 11740

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION

PROJECT:	BAE1102	APPROVED BY:	DH
DESIGNED BY:	DH	DATE:	6-11-2012
DRAWN BY:	FM	SCALE:	AS SHOWN

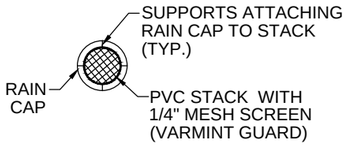
SHEET TITLE

SUB SLAB VAPOR MITIGATION

FLOOR PLAN
PIT LOCATIONS

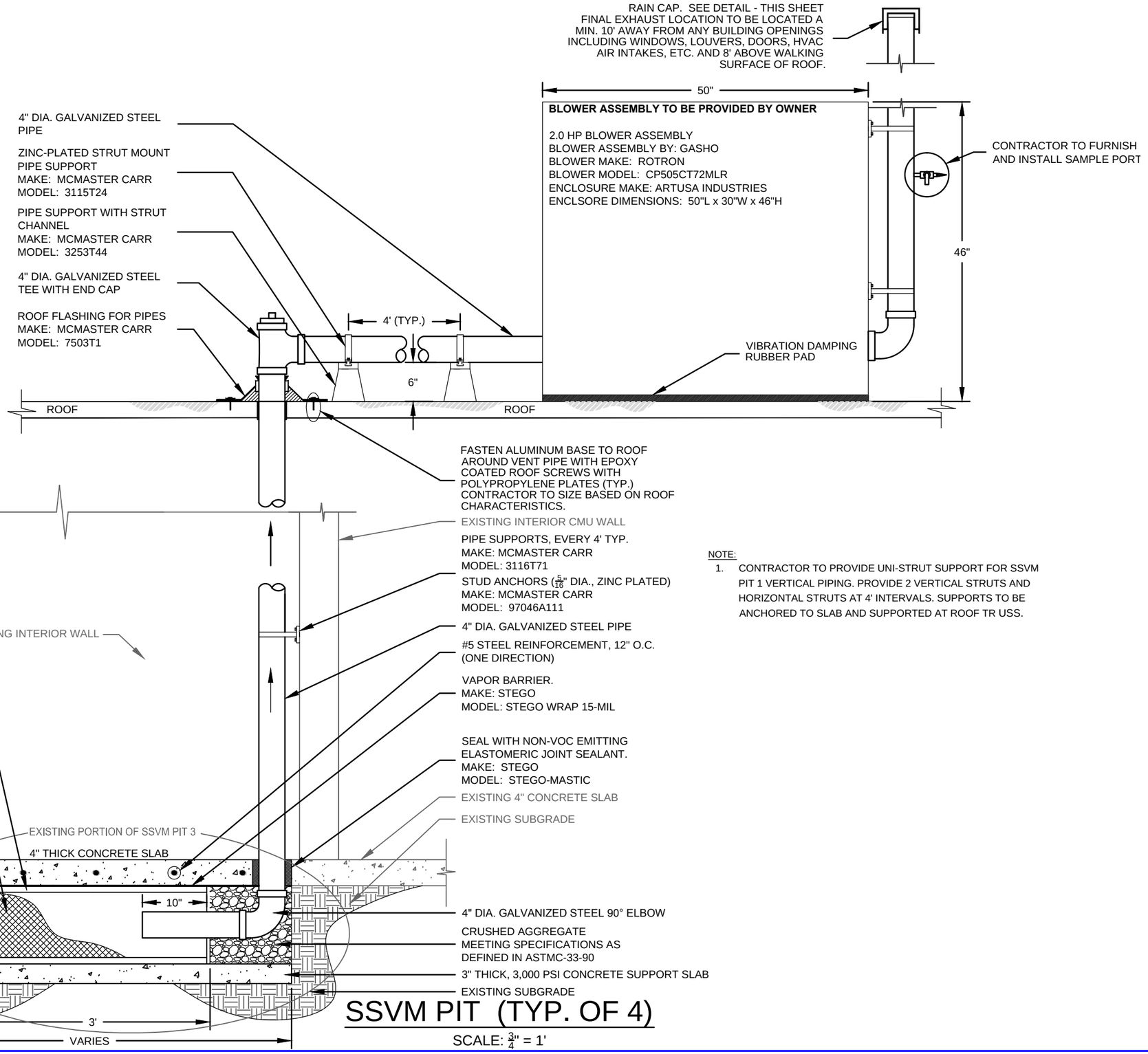
FIGURE NO
3

SHEET



RAIN CAP

SCALE: NOT TO SCALE



SSVM PIT (TYP. OF 4)

SCALE: 3/4" = 1'

NOTE:

1. CONTRACTOR TO PROVIDE UNI-STRUT SUPPORT FOR SSVM PIT 1 VERTICAL PIPING. PROVIDE 2 VERTICAL STRUTS AND HORIZONTAL STRUTS AT 4' INTERVALS. SUPPORTS TO BE ANCHORED TO SLAB AND SUPPORTED AT ROOF TR USS.

PWGC
Strategic Environmental and Engineering Solutions
P.W. GROSSER CONSULTING ENGINEER AND HYDROGEOLOGIST, P.C.
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DRAWN BY:	FM	SCALE:	AS SHOWN

SHEET TITLE

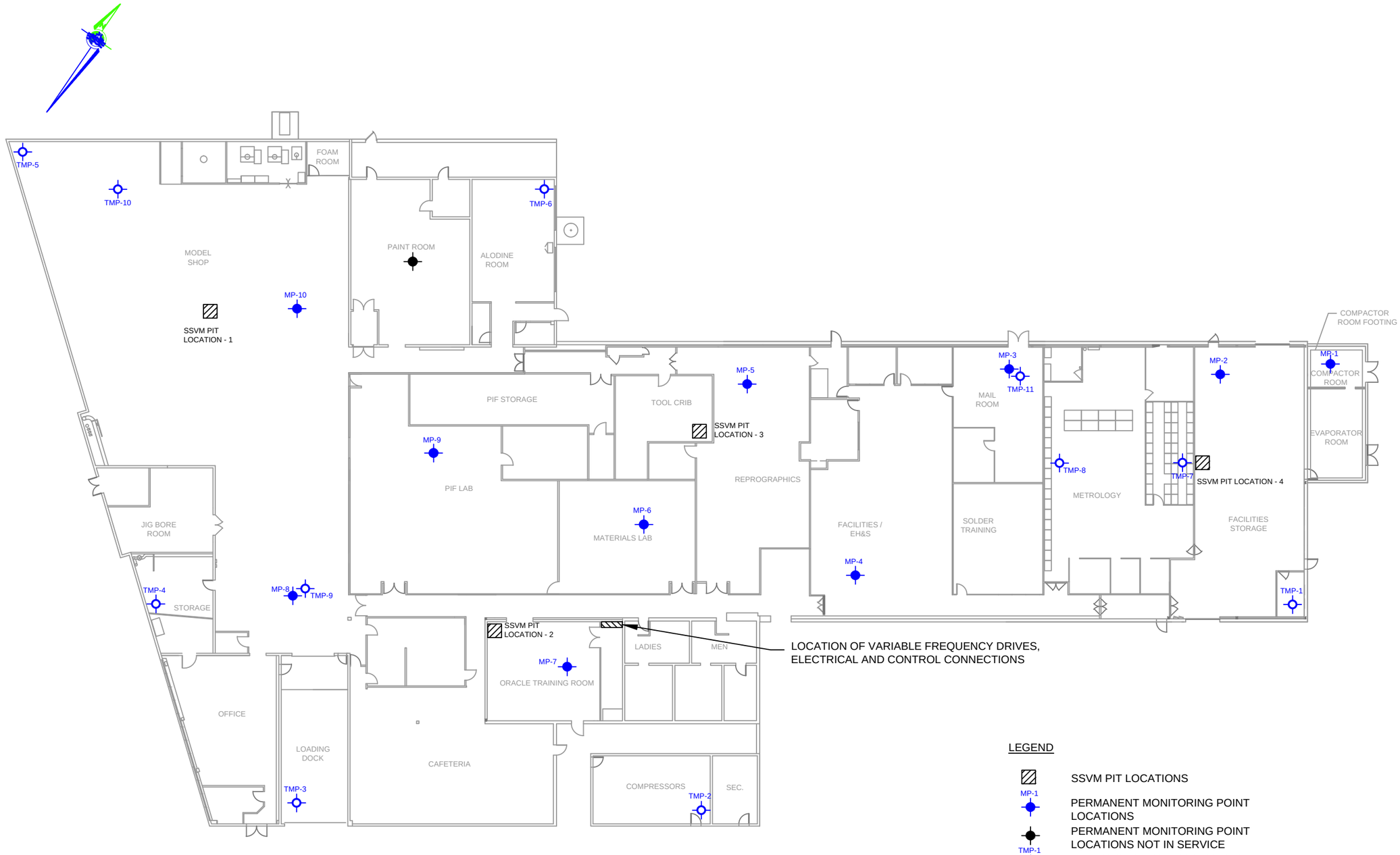
SUB SLAB VAPOR MITIGATION

SSVM PIT DETAILS

FIGURE NO 4

SHEET

J:\Projects A-D\BAE - BAE Systems\BAE 1102 - Bldg 2 Subsurface Investigation\SSDS\CAD\Construction Drawings\FIGURE 2-3-B.dwg (FIGURE 3) Jul 24,2012-8:45am By: mccabe



LEGEND

- SSVM PIT LOCATIONS
- MP-1 — PERMANENT MONITORING POINT LOCATIONS
- PERMANENT MONITORING POINT LOCATIONS NOT IN SERVICE
- TMP-1 — TEMPORARY MONITORING POINT LOCATIONS FOR START-UP

FLOOR PLAN
GROUND FLOOR

SCALE: 1" = 30'

0 30 60

SCALE: 1" = 30'

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DRAWINGS PREPARED FOR

BAE SYSTEMS
BUILDING 2
5 CUBA HILL ROAD
GREENLAWN, NY 11740

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION

PROJECT:	BAE1102	APPROVED BY:	DH
DESIGNED BY:	DH	DATE:	9-12-13
DRAWN BY:	AES	SCALE:	AS SHOWN

SHEET TITLE

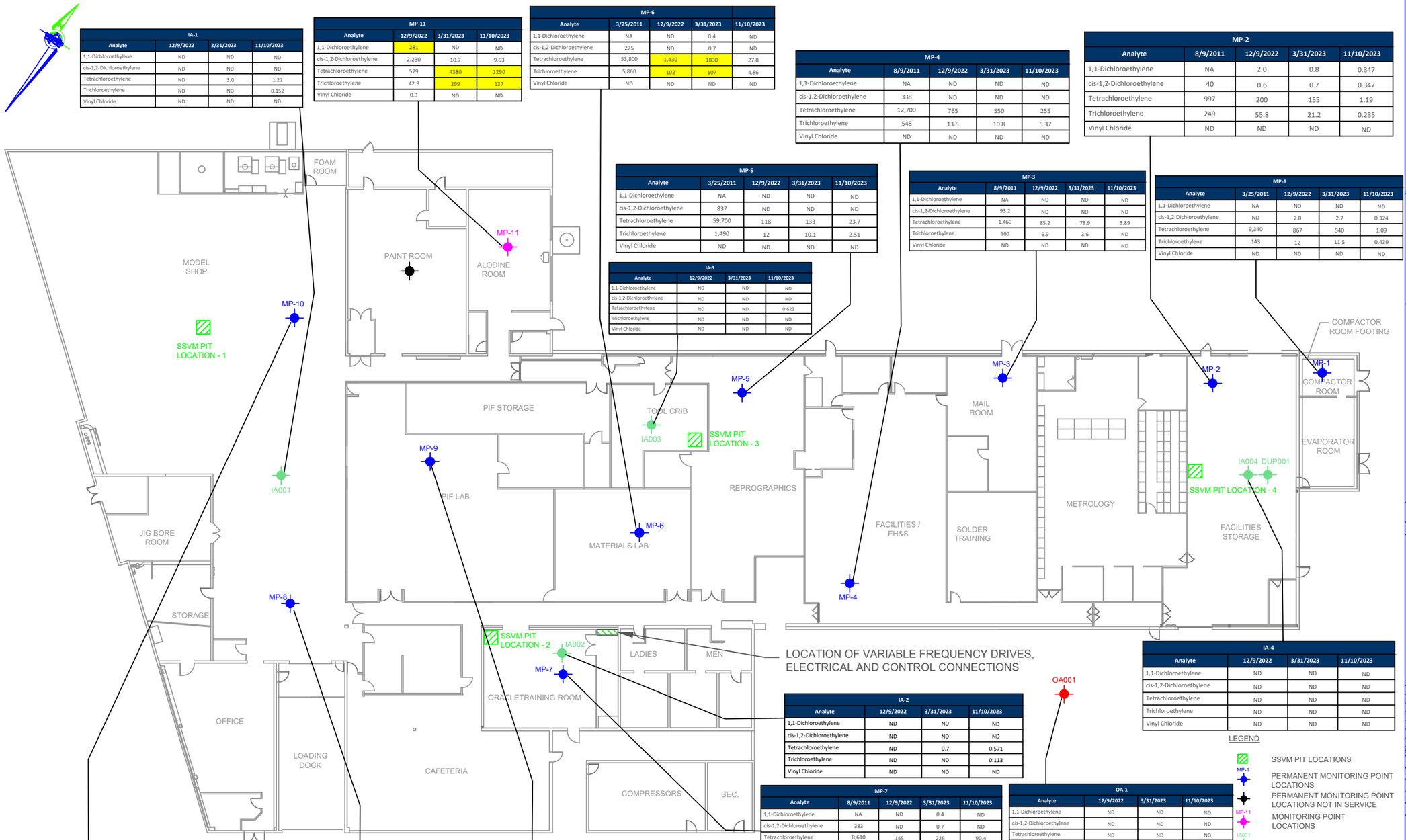
SUB SLAB VAPOR MITIGATION SYSTEM START-UP

PIT AND MONITORING POINT LOCATIONS

FIGURE NO

5

SHEET OF



IA-1			
Analyte	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND
Tetrachloroethylene	ND	3.0	1.21
Trichloroethylene	ND	ND	0.152
Vinyl Chloride	ND	ND	ND

MP-11			
Analyte	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	281	ND	ND
cis-1,2-Dichloroethylene	2.230	10.7	9.53
Tetrachloroethylene	579	4380	1290
Trichloroethylene	42.3	299	137
Vinyl Chloride	0.3	ND	ND

MP-6				
Analyte	3/25/2011	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	NA	ND	0.4	ND
cis-1,2-Dichloroethylene	275	ND	0.7	ND
Tetrachloroethylene	53,800	1,430	1830	27.8
Trichloroethylene	5,860	102	107	4.86
Vinyl Chloride	ND	ND	ND	ND

MP-4				
Analyte	8/9/2011	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	NA	ND	ND	ND
cis-1,2-Dichloroethylene	338	ND	ND	ND
Tetrachloroethylene	12,700	765	550	255
Trichloroethylene	548	13.5	10.8	5.37
Vinyl Chloride	ND	ND	ND	ND

MP-2				
Analyte	8/9/2011	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	NA	2.0	0.8	0.347
cis-1,2-Dichloroethylene	40	0.6	0.7	0.347
Tetrachloroethylene	997	200	155	1.19
Trichloroethylene	249	55.8	21.2	0.235
Vinyl Chloride	ND	ND	ND	ND

MP-5				
Analyte	3/25/2011	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	NA	ND	ND	ND
cis-1,2-Dichloroethylene	837	ND	ND	ND
Tetrachloroethylene	59,700	118	133	23.7
Trichloroethylene	1,490	12	10.1	2.51
Vinyl Chloride	ND	ND	ND	ND

IA-3			
Analyte	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND
Tetrachloroethylene	ND	ND	0.623
Trichloroethylene	ND	ND	ND
Vinyl Chloride	ND	ND	ND

MP-3				
Analyte	8/9/2011	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	NA	ND	ND	ND
cis-1,2-Dichloroethylene	93.2	ND	ND	ND
Tetrachloroethylene	1,460	85.2	78.9	3.89
Trichloroethylene	160	6.9	3.6	ND
Vinyl Chloride	ND	ND	ND	ND

MP-1				
Analyte	3/25/2011	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	NA	ND	ND	ND
cis-1,2-Dichloroethylene	ND	2.8	2.7	0.324
Tetrachloroethylene	9,340	867	540	1.09
Trichloroethylene	143	12	11.5	0.439
Vinyl Chloride	ND	ND	ND	ND

IA-4			
Analyte	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND
Tetrachloroethylene	ND	ND	ND
Trichloroethylene	ND	ND	ND
Vinyl Chloride	ND	ND	ND

IA-2			
Analyte	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND
Tetrachloroethylene	ND	0.7	0.571
Trichloroethylene	ND	ND	0.113
Vinyl Chloride	ND	ND	ND

MP-7				
Analyte	8/9/2011	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	NA	ND	0.4	ND
cis-1,2-Dichloroethylene	383	ND	0.7	ND
Tetrachloroethylene	8,610	145	226	90.4
Trichloroethylene	629	25.4	25.5	15.4
Vinyl Chloride	ND	ND	ND	ND

OA-1			
Analyte	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND
Tetrachloroethylene	ND	ND	ND
Trichloroethylene	ND	ND	ND
Vinyl Chloride	ND	ND	ND

MP-10				
Analyte	3/25/2011	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	NA	12.6	7.9	ND
cis-1,2-Dichloroethylene	131	3.3	2.5	1.5
Tetrachloroethylene	6,580	99.3	59	41.1
Trichloroethylene	537	41.6	29	33.9
Vinyl Chloride	ND	ND	ND	ND

MP-8				
Analyte	8/9/2011	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	NA	0.5	0.7	ND
cis-1,2-Dichloroethylene	80.5	ND	1.09	1.16
Tetrachloroethylene	616	50.3	61.8	75.2
Trichloroethylene	260	28.4	26.7	34.5
Vinyl Chloride	ND	ND	ND	ND

MP-9				
Analyte	3/25/2011	12/9/2022	3/31/2023	11/10/2023
1,1-Dichloroethylene	NA	ND	ND	ND
cis-1,2-Dichloroethylene	1,580	29.8	35.5	20.3
Tetrachloroethylene	15,000	542	605	199
Trichloroethylene	4,580	213	316	152
Vinyl Chloride	ND	ND	ND	ND

LEGEND

- SSVM PIT LOCATIONS
- MP-1 — PERMANENT MONITORING POINT LOCATIONS
- PERMANENT MONITORING POINT LOCATIONS NOT IN SERVICE
- MP-11 — MONITORING POINT LOCATIONS
- IA001 — INDOOR AIR SAMPLING LOCATION
- OA001 — OUTDOOR AIR SAMPLING LOCATION

Notes:
-Units in ug/m^3
- ND - Not Detected
- NA - Result Not Available
- Exceedances are highlighted for 2022 and 2023 samples only.
-Highlights represent sampling locations that require mitigation.

0 30 60

SCALE: 1" = 30'

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DRAWINGS PREPARED FOR

BAE SYSTEMS
BUILDING 2
5 CUBA HILL ROAD
GREENLAWN, NY 11740

REVISION	DATE	INITIAL	COMMENTS
2	12/8/23	PH	UPDATE SAMPLE CHARTS
1	6/23/22	PH	ADDED PROPOSED MP LOCATION

DRAWING INFORMATION

PROJECT:	BAE2202	APPROVED BY:	UC
DESIGNED BY:	DH	DATE:	12-8-23
DRAWN BY:	AM	SCALE:	AS SHOWN

SHEET TITLE

SUB SLAB VAPOR, INDOOR AIR & OUTDOOR AIR EXCEEDANCES

FIGURE NO
6

SHEET OF

TABLES

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Table 1
Sub-Slab Vapor Analytical Data
12/9/2022 Sampling Event
Volatile Organic Compounds
BAE Systems
Greenlawn, New York

Sample ID	CAS	NYSDOH SV 052017 Decision Matrices Minimum Concentrations	OA-1		OA-2		IA-1		IA-2		IA-3		IA-4		MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		MP-9		MP-10		MP-11	
Laboratory ID			22L0627-01		22L0627-02		22L0627-03		22L0627-04		22L0627-05		22L0627-06		22L0627-07		22L0627-08		22L0627-09		22L0627-10		22L0627-11		22L0627-12		22L0627-13		22L0627-14		22L0627-15		22L0627-16		22L0627-17	
Sampling Date			12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022		12/9/2022	
Sample Matrix			Outdoor Ambient Air		Outdoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor	
TO-15 (ug/m³)																																				
1,1,1,2-Tetrachloroethane	630-20-6	NS	0.721	U	0.658	U	0.683	U	0.706	U	0.641	U	0.752	U	9.540	U	1.480	U	1.660	U	3.030	U	1.360	U	14.300	U	6.120	U	1.440	U	1.770	U	1.510	U	1.430	U
1,1,1-Trichloroethane	71-55-6	**100/3**	0.573	U	0.523	U	0.543	U	0.561	U	0.662	D	0.597	U	16.700	D	64.400	D	7.280	D	16.600	D	6.500	D	39.900	D	14.100	D	2.620	D	12.300	D	9.750	D	1.130	D
1,1,2,2-Tetrachloroethane	79-34-5	NS	0.721	U	0.658	U	0.683	U	0.706	U	0.641	U	0.752	U	9.540	U	1.480	U	1.660	U	3.030	U	1.360	U	14.300	U	6.120	U	1.440	U	1.770	U	1.510	U	1.430	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NS	0.805	U	0.734	U	0.763	U	0.788	U	0.715	U	0.839	U	10.700	U	16.700	D	1.860	U	3.390	U	1.520	U	16	U	6.830	U	1.600	U	7.290	D	26.500	D	2.230	D
1,1,2-Trichloroethane	79-00-5	NS	0.573	U	0.523	U	0.543	U	0.561	U	0.509	U	0.597	U	7.580	U	2.350	D	1.320	U	2.410	U	1.080	U	11.400	U	4.860	U	1.140	U	1.400	U	1.200	U	1.130	U
1,1-Dichloroethane	75-34-3	NS	0.425	U	0.388	U	0.403	U	0.416	U	0.378	U	0.443	U	5.630	U	0.873	U	0.982	U	1.790	U	0.804	U	8.450	U	3.610	U	0.846	U	1.040	U	0.893	U	0.842	U
1,1-Dichloroethylene	75-35-4	**6/0.2**	0.208	U	0.190	U	0.197	U	0.204	U	0.185	U	0.217	U	2.760	U	1.970	D	0.481	U	0.876	U	0.394	U	4.140	U	1.770	U	0.497	D	0.510	U	**12.6**	D	**281**	D
1,2,4-Trichlorobenzene	120-82-1	NS	0.779	U	0.711	U	0.738	U	0.763	U	0.692	U	0.813	U	10.300	U	1.600	U	1.800	U	3.280	U	1.470	U	15.500	U	6.610	U	1.550	U	1.910	U	1.640	U	1.540	U
1,2,4-Trimethylbenzene	95-63-6	NS	0.516	U	0.471	U	0.489	U	0.505	U	0.459	U	0.538	U	6.830	U	1.060	U	1.190	U	2.170	U	0.976	U	10.300	U	4.380	U	2.260	D	1.260	U	4.550	D	1.020	U
1,2-Dibromoethane	106-93-4	NS	0.807	U	0.736	U	0.765	U	0.790	U	0.717	U	0.841	U	10.700	U	1.660	U	1.860	U	3.390	U	1.530	U	16	U	6.850	U	1.610	U	1.980	U	1.690	U	1.600	U
1,2-Dichlorobenzene	95-50-1	NS	0.631	U	0.576	U	0.598	U	0.618	U	0.561	U	0.658	U	8.360	U	1.300	U	1.460	U	2.660	U	1.190	U	12.600	U	5.360	U	1.260	U	1.550	U	1.330	U	1.250	U
1,2-Dichloroethane	107-06-2	NS	0.425	U	0.388	U	0.403	U	0.416	U	0.378	U	0.443	U	5.630	U	0.873	U	0.981	U	1.790	U	0.804	U	8.450	U	3.610	U	0.846	U	1.040	U	0.893	U	0.842	U
1,2-Dichloropropane	78-87-5	NS	0.485	U	0.443	U	0.460	U	0.475	U	0.431	U	0.506	U	6.420	U	0.997	U	1.120	U	2.040	U	0.918	U	9.650	U	4.120	U	0.966	U	1.190	U	1.020	U	0.961	U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	0.734	U	0.670	U	0.696	U	0.719	U	0.652	U	0.765	U	9.720	U	1.510	U	3.560	D	3.090	U	1.800	D	14.600	U	6.230	U	1.460	U	1.800	U	1.540	U	3.640	D
1,3,5-Trimethylbenzene	108-67-8	NS	0.516	U	0.471	U	0.489	U	0.505	U	0.459	U	0.538	U	6.830	U	1.060	U	1.190	U	2.170	U	0.976	U	10.300	U	4.380	U	1.030	U	1.260	U	1.080	D	1.020	U
1,3-Butadiene	106-99-0	NS	0.697	U	0.636	U	0.660	U	0.682	U	0.619	U	0.727	U	9.230	U	1.430	U	1.610	U	2.930	U	1.320	U	13.900	U	5.910	U	1.390	U	1.710	U	1.460	U	1.380	U
1,3-Dichlorobenzene	541-73-1	NS	0.631	U	0.576	U	0.598	U	0.618	U	0.561	U	0.658	U	8.360	U	1.300	U	1.460	U	2.660	U	1.190	U	12.600	U	5.360	U	1.630	D	1.550	U	3.050	D	1.250	U
1,3-Dichloropropane	142-28-9	NS	0.485	U	0.443	U	0.460	U	0.475	U	0.431	U	0.506	U	6.420	U	0.997	U	1.120	U	2.040	U	0.918	U	9.650	U	4.120	U	0.966	U	1.190	U	1.020	U	0.961	U
1,4-Dichlorobenzene	106-46-7	NS	0.631	U	0.576	U	0.598	U	0.618	U	0.561	U	0.658	U	8.360	U	1.300	U	1.460	U	2.660	U	1.190	U	12.600	U	5.360	U	1.260	U	1.550	U	1.330	U	1.250	U
1,4-Dioxane	123-91-1	NS	0.757	U	0.690	U	0.717	U	0.741	U	0.672	U	0.789	U	10	U	34.700	D	1.750	U	3.180	U	1.430	U	15	U	6.420	U	1.510	U	1.850	U	1.590	U	1.500	U
2-Butanone	78-93-3	NS	0.588	D	1.160	D	7.280	D	12.800	D	6.910	D	5.590	D	11.100	D	0.891	D	0.715	U	1.430	D	3.690	D	6.160	U	178	D	3.700	D	0.759	U	1.170	D	33.200	D
2-Hexanone	591-78-6	NS	0.860	U	0.785	U	0.815	U	0.842	U	0.764	U	0.897	U	11.400	U	1.770	U	1.990	U	3.620	U	1.630	U	17.100	U	46	D	2.480	D	2.110	U	1.810	U	1.700	U
3-Chloropropene	107-05-1	NS	1.640	U	1.500	U	1.560	U	1.610	U	1.460	U	1.710	U	21.800	U	3.380	U	3.800	U	6.910	U	3.110	U	32.700	U	13.900	U	3.270	U	4.030	U	3.450	U	3.260	U
4-Methyl-2-pentanone	108-10-1	NS	0.430	U	0.392	U	2.530	D	5.560	D	0.573	D	3.630	D	5.690	U	0.884	U	0.993	U	1.810	U	1.060	D	8.550	U	11.700	D	0.857	U	1.050	U	0.904	U	3.580	D
Acetone	67-64-1	NS	3.470	D	6.300	D	52.700	D	38.400	D	28.100	D	47.500	D	13.200	D	10.700	D	1.730	D	8.710	D	30.200	D	23.300	D	603	D	15.500	D	3.480	D	5.190	D	0.988	U
Acrylonitrile	107-13-1	NS	0.228	U	0.208	U	0.216	U	0.223	U	0.202	U	0.238	U	3.020	U	0.468	U	0.526	U	0.959	U	0.431	U	4.530	U	1.930	U	0.454	U	0.558	U	0.479	U	0.451	U
Benzene	71-43-2	NS	0.570	D	0.337	D	0.318	U	0.328	U	0.328	D	0.350	U	4.440	U	0.689	U	0.775	U	1.410	U	0.634	U	6.670	U	4.840	D	0.668	U	0.822	U	0.705	U	0.664	U
Benzyl chloride	100-44-7	NS	0.544	U	0.496	U	0.515	U	0.532	U	0.483	U	0.567	U	7.200	U	1.120	U	1.260	U	2.290	U	1.030	U	10.800	U	4.610	U	1.080	U	1.330	U	1.140	U	1.080	U
Bromodichloromethane	75-27-4	NS	0.703	U	0.642	U	0.667	U	0.689	U	0.625	U	0.734	U	9.310	U	1.450	U	1.620	U	2.960	U	1.330	U	14	U	5.970	U	1.400	U	1.720	U	1.480	U	1.390	U
Bromoform	75-25-2	NS	1.090	U	0.990	U	1.030	U	1.060	U	0.964	U	1.130	U	14.400	U	2.230	U	2.510	U	4.570	U	2.050	U	21.600	U	9.210	U	2.160	U	2.660	U	2.280	U	2.150	U
Bromomethane	74-83-9	NS	0.408	U	0.372	U	0.386	U	0.399	U	0.362	U	0.425	U	5.400	U	0.838	U	0.942	U	1.720	U	0.771	U	8.110	U	3.460	U	0.812	U	0.999	U	0.857	U	0.808	U
Carbon disulfide	75-15-0	NS	0.327	U	0.298	U	0.310	U	0.320	U	0.291	U	0.341	U	4.330	U	6.380	D	0.755	U	1.380	U	0.618	U	6.500	U	2.780	U	0.651	U	0.801	U	0.687	U	0.648	U
Carbon tetrachloride	56-23-5	**6/0.2**	**0.330**	D	**0.362**	D	**0.376**	D	**0.323**	D	**0.352**	D	**0.344**	D	2.190	U	0.339	U	0.381	U	0.695	U	0.312	U	3.280	U	1.400	U	0.329	U	0.405	U	0.347	U	0.327	U
Chlorobenzene	108-90-7	NS	0.483	U	0.441	U	0.458	U	0.473	U	0.430	U	0.504	U	6.400	U	0.993	U	1.120	U	2.030	U	0.914	U	9.610	U	4.100	U	0.963	U	1.180	U	1.020	U	0.958	U
Chloroethane	75-00-3	NS	0.277	U	0.253	U	0.263	U	0.271	U	0.246	U	0.289	U	3.670	U	0.569	D	0.640	U	1.170	U	0.524	U	5.510	U	2.350	U	0.552	U	0.679	U	0.582	U	0.549	U
Chloroform	67-66-3	NS	0.513	U	0.468	U	0.486	U	0.502	U	0.456	U	0.535	U	6.790	U	1.050	D	1.180	U	2.160	U	0.970	U	10.200	U	4.350	U	2.350	D	4.650	D	11.800	D	1.020	U
Chloromethane	74-87-3	NS	0.954	D	0.969	D	1.150	D	1.190	D	1.080	D	1.090	D	2.870	U	5.520	D	0.501	U	0.912	U	0.410	U	4.310	U	2.020	D	0.432	U	0.531	U	0.456	U	1.760	D
cis-1,2-Dichloroethylene	156-59-2	**6/0.2**	0.208	U	0.190	U	0.197	U	0.204	U	0.185	U	0.217	U	2.760	D	0.599	D	0.481	U	0.876	U	0.394	U	4.140	U	1.770	U	0.746	D	**29.8**	D	3.320	D	2.230	D
cis-1,3-Dichloropropylene	10061-01-5	NS	0.477	U	0.435	U	0.452	U	0.467	U	0.423	U	0.497	U	6.310	U	0.979	U	1.100	U	2.010	U	0.901	U	9.480	U	4.040	U	0.949	U	1.170	U	1	U	0.944	U
Cyclohexane	110-82-7	NS	0.361	U	0.330	U	0.342	U	0.354	U	0.321	U	0.377	U	4.780	U	0.742	U	0.835	U	1.520	U	0.684	U	7.190	U	3.070	U	0.720	U	0.885	U	0.759	U	1.070	D
Dibromochloromethane	124-48-1	NS	0.894	U	0.816	U	0.848	U	0.876	U	0.795	U	0.933	U	11.800	U	1.840	U	2.070	U	3.760	U	1.690	U	17.800	U	7.590	U	1.780	U	2.190	U	1.880	U	490	D
Dichlorodifluoromethane	75-71-8	NS	1.450	D	1.470	D	1.480	D	1.420	D	2.080	D	1.570	D	6.870	U	1.810	D	5.520	D	2.180	U	1.770	D	10.300	U	4.410	U	1.550	D	3.430	D	5.890	D	3.500	D
Ethyl acetate	141-78-6	NS	0.757	U	0.690	U	0.717	U	0.741	U	0.672	U	0.789	U	10	U	1.550	U	1.750	U	3.180	U	1.430	U	15	U	6.420	U	1.510	U	1.850	U	1.590	U	1.500	U
Ethyl Benzene	100-41-4	NS	0.456	U	0.416	U	0.432	U	0.446	U	0.405	U	1.050	D	6.040	U	2.340	D	2.320	D	1.920	D	1.720	D	9.070	U	3.870	U	5.080	D	1.120	U	6.900	D	0.994	D
Hexachlorobutadiene	87-68-3	NS	1.120	U	1.020	U	1.060	U	1.100	U	0.995	U	1.170	U	14.800	U	2.300	U	2.590	U	4.710	U	2.120	U	22.300	U	9.500	U	2.230	U	2.740	U	2.350	U	2.220	U
Isopropanol	67-63-0	NS	4.260	BD	4.240	BD	678	BDE	711	BDE	270	BDE	1,030	BDE	113	BD	21	BD	6.380	BD	35.800	BD	152	BD	3,490	BDE	188	BD	94.800	BD	15.900	D	72.400	D	15,800	DE
Methyl Methacrylate	80-62-6	NS	0.430	U	0.392	U	0.407	U	0.421	U	0.382	U	0.448	U	5.690	U	0.883	U	0.993	U	1.810	U	0.813	U	8.550	U	3.650	U	0.856	U	1.050	U	0.903	U	0.852	U
Methyl tert-butyl ether (MTBE)	1634-04-4	NS	0.379	U	0.345	U	0.359	U	0.371	U	0.336	U	0.395	U	5.010	U	0.778	U	0.874	U	1.590	U	0.716	U	7.530	U	3.210	U	0.754	U	0.927	U	0.795	U	0.750	U
Methylene chloride	75-09-2	**100/3**	0.729	D	0.732	D	0.795	D	0.714	U	0.875	D	1.220	D	9.660	U	2.020	D	1.680	D	3.070	U	1.520	D	14.500	U	6.190	U	1.450	U	1.790	U	1.530	U	1.450	U
n-Heptane	142-82-5	NS	0.430	U	0.393	U	0.408	U	0.421	U	0.421	D	0.449	U	5.700	U	0.884	U	0.994	U	1.810	U	0.814	U	8.560	U	4.020	D	1.200	D	1.050	U	1.990	D	0.853	U
n-Hexane	110-54-3	NS	0.370	U	0.338	U	0.351	U	0.362	U	0.493	D	0.386	U	4.900	U	0.760	U	0.855	U	1.560	U	0.700	U	7.360	U	3.140	U	0.737	U	0.907	U	0.855	D	0.733	U
o-Xylene	95-47-6	NS	0.456	U	0.416	U	0.432	U	0.446	U	0.405	U	1.470	D	6.040	U	5.060	D	5.480	D	3.640	D	3.970	D	9.070	U	4.260	D	9.170	D	1.120	U	11.200	D	1.080	D
p- & m- Xylenes	179601-23-1	NS	0.912	U	0.832	U	0.864	U	0.893	U	1.090	D	5.940	D	12.100	U	11.300	D	11.500	D	7.860	D	7.930	D	18.100	U	9.290	D	19.300	D	2.230	U	23.300	D	3.070	D
p-Ethyltoluene	622-96-8	NS	0.516	U	0.471	U	0.489	U	0.505	U	0.459	U	0.538	U	6.830	U	1.060	U	1.190	U	2.170	U	0.976	U	10.300	U	4.380	U	2.060	D	1.260	U	3.690	D	1.020	U
Propylene	115-07-1	NS	0.325	D	0.280	D	0.805	D	0.619	D	1.200	D	0.697	D	2.390	U	8.980	D	0.417	U	1.520	D	0.342	U	3.590	U	18.300	D	0.360	U	0.443	U	0.380	U	2.080	D
Styrene	100-42-5	NS	0.447	U	0.408	U	0.424	U	0.438	U	0.397	U	0.466	U	5.920	U	0.919	U	1.030	U	1.880	U	0.846	U	8.890	U	3.800	U	0.891	D	1.100	U	1.500	D	0.886	U
Tetrachloroethylene	127-18-4	**100/3**	0.712	U	0.650	U	0.675	U	0.697	U	0.633	U	0.743	U	**867**	D	**200**	D	85.200	D	**765**	D	**118**	D	**1,430**	D	**145**	D	50.300	D	**542**	D	99.300	D	**579**	D
Tetrahydrofuran	109-99-9	NS	0.619	U	0.565	U	0.587	U	0.606	U	2.560	D	0.646	U	10.700	D	1.270	U	1.430	U	2.610	U	1.170	U	12.300	U	5.260	U	1.230	U	1.520	U	1.300	U	1.230	U
Toluene	108-88-3	NS	0.396	U	0.361	U	0.600	D	0.814	D	1.720	D	1.860	D	5.240	U	1.220	D	0.914	U	1.660	U	0.823	D	7.870	U	3.690	D	3.310	D	0.969	U	5.490	D	2.190	D
trans-1,2-Dichloroethylene	156-60-5	NS	0.416	U	0.380	U	0.750	D	0.530	D	17.100	D	1.650	D	1,340	D	51.600	D	3.560	D	4.200	D	3.700	D	8.280	U	3.530	U	2.650	D	22.300	D	1.490	D	1.570	D
trans-1,3-Dichloropropylene	10061-02-6	NS	0.477	U	0.435	U	0.452	U	0.467	U	0.423	U	0.497	U	6.310	U	0.979	U	1.100	U	2.010	U	0.901	U	9.480	U	4.040	U	0.949	U	1.170	U	1	U	1.230	D
Trichloroethylene	79-01-6	**6/0.2**	0.141	U	0.129	U	0.134	U	0.138	U	0.125	U	0.147	U	**12**	D	**55.8**	D	**6.9**	D	**13.5**	D	**12**	D	**102**	D	**25.4**	D	**28.4**	D	**213**	D	**41.6**	D	**42.3**	D
Trichlorofluoromethane (Freon 11)	75-69-4	NS	0.826	D	0.861	D	14.300	D	6.470	D	14.100	D	29.400	D	7.810	U	3.880	D	8.450	D	7.450	D	10.800	D	21.100	D	5.010	U	3.640	D	17.300	D	4.210	D	4.440	D
Vinyl acetate	108-05-4	NS	0.370	U	0.337	U	0.350	U	0.362	U	0.329	U	0.386	U	4.890	U	0.759	U	0.854	U	1.560	U	0.699	U	7.350	U	3.140	U	0.736	U	0.906	U	0.777	U	0.732	U
Vinyl bromide	593-60-2	NS	0.459	U	0.419	U	0.435	U	0.450	U	0.408	U	0.479	U	6.080	U	0.944	U	1.060	U	1.930	U	0.869	U	9.130	U	3.900	U	0.915	U	1.130	U	0.965	U	0.910	U
Vinyl Chloride	75-01-4	**6/0.2**	0.134	U	0.122	U	0.127	U	0.131	U	0.119	U	0.140	U	1.780	U	0.276	U	0.310	U	0.565	U	0.254	U	2.670	U	1.140	U	0.267	U	0.329	U	0.282	U	0.266	U

NOTES:
Regulatory Exceedences are highlighted
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
NS=this indicates that no regulatory limit has been established for this analyte

Table 1
Sub-Slab Vapor Analytical Data
3/31/2023 Sampling Event
Volatile Organic Compounds
BAE Systems
Greenlawn, New York

Sample ID	CAS	NYSDOH SV 052017 Decision Matrices Minimum Concentrations	OA001		Dup001		IA001		IA002		IA003		IA004		MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		MP-9		MP-10		MP-11	
Laboratory ID			23D0026-16		23D0026-17		23D0026-12		23D0026-13		23D0026-14		23D0026-15		23D0026-01		23D0026-02		23D0026-03		23D0026-04		23D0026-05		23D0026-06		23D0026-07		23D0026-08		23D0026-09		23D0026-10		23D0026-11	
Sampling Date			3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023		3/31/2023	
Sample Matrix			Outdoor Ambient Air		Outdoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor	
TO-15 (ug/m³)																																				
1,1,1,2-Tetrachloroethane	630-20-6	NS	0.544	U	0.687	U	0.590	U	0.527	U	0.625	U	0.560	U	1.250	U	1.110	U	1.130	U	1.110	U	1.030	U	1.270	U	1.310	U	1.110	U	1.260	U	1.140	U	1.130	U
1,1,1-Trichloroethane	71-55-6	**100/3**	0.432	U	0.546	D	0.469	U	0.419	U	0.497	U	0.534	D	24.300	D	26.800	D	4.850	D	18.300	D	5.070	D	81.400	D	20.800	D	2.990	D	13.800	D	6.510	D	7.220	D
1,1,2,2-Tetrachloroethane	79-34-5	NS	0.544	U	0.687	U	0.590	U	0.527	U	0.625	U	0.560	U	1.250	U	1.110	U	1.130	U	1.110	U	1.030	U	1.270	U	1.310	U	1.110	U	1.260	U	1.140	U	1.130	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NS	0.607	U	0.767	U	0.659	U	0.588	U	0.697	U	0.688	D	1.400	U	7.530	D	1.260	U	1.730	D	1.720	D	7	D	1.460	D	1.230	U	4.090	D	12.700	D	3.930	D
1,1,2-Trichloroethane	79-00-5	NS	0.432	U	0.546	U	0.469	U	0.419	U	0.497	U	0.445	U	0.996	U	1.760	D	0.898	U	0.882	U	0.818	U	1.010	U	1.040	U	0.878	U	1.000	U	0.905	U	0.902	U
1,1-Dichloroethane	75-34-3	NS	0.321	U	0.405	U	0.348	U	0.310	U	0.368	U	0.330	U	0.739	U	0.652	U	0.666	U	0.654	U	0.607	U	2.840	D	0.769	U	0.652	D	5.890	D	1.540	D	0.669	U
1,1-Dichloroethylene	75-35-4	**6/0.2**	0.157	U	0.198	U	0.170	U	0.152	U	0.180	U	0.162	U	0.362	U	0.766	D	0.326	U	0.320	U	0.297	U	0.439	D	0.377	D	0.702	D	0.365	U	**7.89**	D	0.328	U
1,2,4-Trichlorobenzene	120-82-1	NS	0.588	U	0.743	U	0.702	D	0.569	U	0.675	U	0.606	U	1.360	U	1.200	U	1.220	U	1.200	U	1.110	U	1.370	U	1.410	U	1.190	U	1.370	U	1.230	U	1.230	U
1,2,4-Trimethylbenzene	95-63-6	NS	0.389	U	0.492	U	1.400	D	0.377	U	0.447	U	0.401	U	3.410	D	3.250	D	5.340	D	3.180	D	3.090	D	2.900	D	6.540	D	5.620	D	3.890	D	4.810	D	1.380	D
1,2-Dibromoethane	106-93-4	NS	0.609	U	0.769	U	0.661	U	0.589	U	0.699	U	0.627	U	1.400	U	1.240	U	1.260	U	1.240	U	1.150	U	1	U	1.460	U	1.240	U	1.410	U	1.270	U	1.270	U
1,2-Dichlorobenzene	95-50-1	NS	0.476	U	0.602	U	0.517	U	0.461	U	0.547	U	0.491	U	1.100	U	0.969	U	0.990	U	0.972	U	0.901	U	1.110	U	1.140	U	0.968	U	1.110	U	0.997	U	0.994	U
1,2-Dichloroethane	107-06-2	NS	0.321	U	0.405	U	0.348	U	0.310	U	0.368	U	0.330	U	0.739	U	0.652	U	0.666	U	0.654	U	0.607	U	0.747	U	0.769	U	0.652	U	0.745	U	0.671	U	0.669	U
1,2-Dichloropropane	78-87-5	NS	0.366	U	0.463	U	0.397	U	0.354	U	0.420	U	0.377	U	0.844	U	0.744	U	0.761	U	0.747	U	0.693	U	0.853	U	0.878	U	0.744	U	0.851	U	0.766	U	0.764	U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	0.554	U	0.700	U	0.601	U	0.536	U	0.636	U	0.570	U	1.280	U	1.130	U	1.150	U	1.130	U	1.050	U	1.290	U	1.330	U	1.130	U	1.290	U	1.160	U	1.160	U
1,3,5-Trimethylbenzene	108-67-8	NS	0.389	U	0.492	U	0.423	D	0.377	U	0.447	U	0.401	U	1.170	D	0.871	D	1.700	D	0.874	D	1.030	D	1.090	D	1.780	D	1.500	D	1.270	D	1.300	D	0.813	U
1,3-Butadiene	106-99-0	NS	0.526	U	0.664	U	0.571	U	0.509	U	0.604	U	0.542	U	1.210	U	1.070	U	1.090	U	1.070	U	0.995	U	1.220	U	1.260	U	1.070	U	1.220	U	1.100	U	1.100	U
1,3-Dichlorobenzene	541-73-1	NS	0.476	U	0.602	U	0.517	U	0.461	U	0.547	U	0.491	U	1.100	U	2.030	D	3.460	D	2.430	D	2.430	D	1.770	D	3.540	D	3.000	D	2.660	D	3.090	D	0.994	U
1,3-Dichloropropane	142-28-9	NS	0.366	U	0.463	U	0.397	U	0.354	U	0.421	U	0.377	U	0.844	U	0.744	U	0.761	U	0.747	U	0.693	U	0.853	U	0.879	U	0.744	U	0.851	U	0.766	U	0.764	U
1,4-Dichlorobenzene	106-46-7	NS	0.476	U	0.602	U	0.517	U	0.461	U	0.547	U	0.491	U	2.630	D	0.969	U	0.990	U	0.972	U	0.901	U	1.110	U	1.140	D	1.060	D	2.770	D	1.100	D	0.994	U
1,4-Dioxane	123-91-1	NS	0.571	U	0.721	U	0.620	U	0.553	U	0.656	U	0.588	U	1	U	37.300	D	1.190	U	1.160	U	1.080	U	1	U	1.370	U	1.160	U	1.330	U	1.190	U	1.190	U
2-Butanone	78-93-3	NS	0.491	D	5.370	D	0.685	D	3.390	D	6.740	D	4.690	D	1.780	D	0.570	D	0.777	D	3.100	D	5.440	D	1.140	D	184	D	1.420	D	1.570	D	1.170	D	0.829	D
2-Hexanone	591-78-6	NS	0.649	U	0.820	U	3.070	D	0.628	U	0.746	U	0.669	U	1.500	U	1.320	U	1.350	U	1.590	D	1.230	U	1.510	U	54	D	1.320	U	1.510	U	1.360	U	1.350	U
3-Chloropropene	107-05-1	NS	1.240	U	1.570	U	1.350	U	1.200	U	1.420	U	1.280	U	2.860	U	2.520	U	2.580	U	2.530	U	2.350	U	2.890	U	2.980	U	2.520	U	2.880	U	2.590	U	2.590	U
4-Methyl-2-pentanone	108-10-1	NS	0.324	U	0.410	U	0.352	U	0.314	U	0.373	U	0.334	U	0.748	U	0.660	U	0.674	U	0.662	U	3.500	D	0.756	U	11.800	D	0.660	U	0.754	U	0.679	U	0.677	U
Acetone	67-64-1	NS	3.160	D	29.200	D	4.940	D	13.100	D	11.600	D	30.600	D	9.150	D	7.270	D	3.600	D	5.530	D	23.000	D	5.170	D	428	BD	3.670	D	3.450	D	11.700	D	56.600	D
Acrylonitrile	107-13-1	NS	0.172	U	0.217	U	0.187	U	0.166	U	0.197	U	0.177	U	0.396	U	0.350	U	0.357	U	0.351	U	0.325	U	0.400	U	0.413	U	0.349	U	0.400	U	0.360	U	0.359	U
Benzene	71-43-2	NS	0.278	D	0.352	D	0.302	D	0.368	D	0.378	D	0.495	D	0.583	U	0.515	U	0.526	U	0.516	U	0.479	U	0.943	D	7.530	D	0.514	U	0.706	D	0.530	U	0.528	U
Benzyl chloride	100-44-7	NS	0.410	U	0.518	U	0.445	U	0.397	U	0.471	U	0.422	U	0.945	U	0.834	U	0.852	U	0.837	U	0.776	U	0.955	U	0.984	U	0.834	U	0.953	U	0.858	U	0.856	U
Bromodichloromethane	75-27-4	NS	0.531	U	0.671	U	4.320	D	0.514	U	0.610	U	0.547	U	1.220	U	1.080	U	1.100	U	1.080	U	1.000	U	1	U	1.270	U	1.080	U	1.230	U	1.110	U	1.110	U
Bromoform	75-25-2	NS	0.819	U	1.030	U	0.889	U	0.793	U	0.941	U	0.843	U	1.890	U	1.670	U	1.700	U	1.670	U	1.550	U	1.910	U	1.960	U	1.660	U	1.900	U	1.710	U	1.710	U
Bromomethane	74-83-9	NS	0.308	U	0.389	U	0.334	U	0.298	U	0.353	U	0.317	U	0.709	U	1.310	D	0.639	U	0.627	U	0.582	U	0.716	U	0.738	U	0.625	U	0.715	U	0.644	U	0.642	U
Carbon disulfide	75-15-0	NS	0.247	U	0.312	U	0.268	U	0.239	U	0.283	U	0.254	U	0.569	U	4.160	D	0.513	U	0.503	U	0.467	U	0.575	U	0.592	U	0.501	U	0.573	U	0.516	U	0.515	U
Carbon tetrachloride	56-23-5	**6/0.2**	**0.548**	D	**0.378**	D	**0.325**	D	**0.386**	D	**0.401**	D	**0.411**	D	0.287	U	0.253	U	0.414	D	0.305	D	0.377	D	0.348	D	0.359	D	0.405	D	0.290	U	0.417	D	0.260	U
Chlorobenzene	108-90-7	NS	0.365	U	0.461	U	0.396	U	0.353	U	0.419	U	0.376	U	0.841	U	0.742	U	0.758	U	0.744	U	0.690	U	0.849	U	0.875	U	0.741	U	0.848	U	0.763	U	0.761	U
Chloroethane	75-00-3	NS	0.209	U	0.264	U	0.227	U	0.202	U	0.240	U	0.215	U	0.482	U	0.425	U	0.434	U	0.426	U	0.396	U	0.487	U	1.710	D	0.425	U	0.486	U	0.437	U	0.436	U
Chloroform	67-66-3	NS	0.387	U	0.489	U	59.500	D	0.374	U	0.444	U	0.398	U	0.892	D	1.100	D	0.804	U	0.789	U	0.732	U	4.320	D	3.810	D	3.460	D	6.110	D	21.300	D	2.420	D
Chloromethane	74-87-3	NS	1.060	D	2.050	D	0.817	D	0.887	D	1.050	D	1.040	D	0.377	U	2.990	D	0.340	U	0.334	U	0.310	D	0.533	D	0.864	D	0.332	U	0.380	U	0.342	U	0.341	U
cis-1,2-Dichloroethylene	156-59-2	**6/0.2**	0.157	U	0.198	U	0.170	U	0.152	U	0.180	U	0.162	U	2.680	D	0.703	D	0.326	U	0.320	U	0.297	U	0.732	D	0.754	D	1.090	D	**35.5**	D	2.500	D	**10.7**	D
cis-1,3-Dichloropropylene	10061-01-5	NS	0.359	U	0.454	U	0.390	U	0.348	U	0.413	U	0.370	U	0.829	U	0.731	U	0.747	U	0.733	U	0.680	U	0.837	U	0.863	U	0.731	U	0.836	U	1	U	0.750	U
Cyclohexane	110-82-7	NS	0.273	U	0.345	U	0.296	U	0.264	U	0.313	U	0.281	U	0.629	U	0.555	U	0.567	U	0.556	U	0.516	U	0.635	U	0.654	U	0.554	U	0.634	U	0.571	U	0.569	U
Dibromochloromethane	124-48-1	NS	0.675	U	0.853	U	0.733	U	0.653	U	0.775	U	0.695	U	1.560	U	1.370	U	1.400	U	1.380	U	1.280	U	1.570	U	1.620	U	1.370	U	1.570	U	1.410	U	1	U
Dichlorodifluoromethane	75-71-8	NS	2.350	D	3.910	D	2.170	D	1.820	D	2.250	D	3.150	D	2.980	D	2.870	D	5.540	D	2.720	D	2.820	D	2.650	D	1.970	D	2.230	D	2.550	D	4.350	D	2.130	D
Ethyl acetate	141-78-6	NS	0.571	U	0.721	U	0.620	U	0.553	U	0.656	U	0.588	U	1	U	1.160	U	1.190	U	1.160	U	1.080	U	1	U	1.370	U	1.160	U	1.330	U	1.190	U	1.190	U
Ethyl Benzene	100-41-4	NS	0.344	U	0.435	U	0.784	D	0.333	U	0.790	D	0.354	U	6.420	D	2.310	D	4.720	D	4.140	D	2.600	D	2.640	D	5.940	D	3.080	D	2.640	D	2.520	D	1.220	D
Hexachlorobutadiene	87-68-3	NS	0.845	U	1.070	U	0.917	U	0.818	U	0.971	U	0.870	U	1.950	U	1.720	U	1.760	U	1.720	U	1.600	U	1.970	U	2.030	U	1.720	U	1.960	U	1.770	U	1.760	U
Isopropanol	67-63-0	NS	1.480	BD	287.000	BDE	4	BD	396	BDE	247	BDE	243	BDE	25	BD	13	BD	27.600	BD	20.700	BD	146	BD	49	BD	211	BD	35.200	BD	4.030	BD	30.900	BD	450	BD
Methyl Methacrylate	80-62-6	NS	0.324	U	0.410	U	0.352	U	0.314	U	0.373	U	0.334	U	0.748	U	0.660	U	0.674	U	0.662	U	0.614	U	0.755	U	0.778	U	0.659	U	0.754	U	0.679	U	0.677	U
Methyl tert-butyl ether (MTBE)	1634-04-4	NS	0.286	U	0.361	U	0.310	U	0.277	U	0.328	U	0.294	U	0.658	U	0.581	U	0.593	U	0.583	U	0.540	U	0.665	U	0.685	U	0.580	U	0.664	U	0.598	U	0.596	U
Methylene chloride	75-09-2	**100/3**	0.880	D	1.040	D	0.956	D	2.080	D	1.490	D	1.220	D	2.470	D	1.850	D	1.320	D	2.080	D	1.410	D	2.950	D	1.650	D	1.290	D	1.470	D	1.210	D	1.320	D
n-Heptane	142-82-5	NS	0.325	U	0.410	U	0.352	U	0.314	U	0.373	U	0.569	D	2.540	D	2.240	D	5.330	D	2.450	D	2.150	D	2.650	D	0.779	U	3.430	D	3.020	D	1.560	D	0.677	U
n-Hexane	110-54-3	NS	0.279	U	0.600	D	0.303	D	0.351	D	0.321	U	0.690	D	1.350	D	0.852	D	2.320	D	1.030	D	1.000	D	1.500	D	3.820	D	1.190	D	1.880	D	0.584	U	0.583	U
o-Xylene	95-47-6	NS	0.344	U	0.435	U	1.160	D	0.333	U	0.909	D	0.354	U	11.500	D	2.870	D	6.580	D	7.440	D	3.970	D	3.770	D	9.490	D	4.750	D	3.520	D	4.100	D	1.790	D
p- & m- Xylenes	179601-23-1	NS	0.688	U	0.869	U	1.980	D	0.666	U	4.580	D	0.709	U	23.300	D	6.370	D	13.700	D	14.400	D	8.790	D	8.650	D	19.000	D	9.020	D	7.190	D	8.640	D	4.520	D
p-Ethyltoluene	622-96-8	NS	0.389	U	0.492	U	1.060	D	0.377	U	0.447	U	0.401	U	3.320	D	2.530	D	5.260	D	3.020	D	3.100	D	2.900	D	5.230	D	5.140	D	3.710	D	4.160	D	0.975	D
Propylene	115-07-1	NS	0.136	U	0.172	U	0.148	U	0.132	U	0.157	U	0.140	U	0.314	U	0.277	U	0.283	U	0.278	U	0.258	U	0.318	U	0.327	U	0.277	U	0.317	U	0.285	U	0.284	U
Styrene	100-42-5	NS	0.337	U	0.426	U	0.366	U	0.327	U	0.388	U	0.348	U	0.778	U	0.686	U	0.701	U	0.688	U	0.639	U	0.786	U	0.810	U	0.686	U	0.784	U	0.706	U	0.704	U
Tetrachloroethylene	127-18-4	**100/3**	0.537	U	0.679	U	2.970	D	0.676	D	0.617	U	0.553	U	**540**	D	**155**	D	78.900	D	**550**	D	**133**	D	**1,830**	D	**226**	D	61.800	D	**605**	D	59.000	D	**4,380**	D
Tetrahydrofuran	109-99-9	NS	0.467	U	4.990	D	0.507	U	0.588	D	0.537	U	3.750	D	1.560	D	2.190	D	1.260	D	0.953	U	0.884	U	1.090	U	2.130	D	0.950	U	1.090	U	0.978	U	0.975	U
Toluene	108-88-3	NS	0.298	U	1.510	D	1.590	D	0.954	D	1.030	D	2.000	D	5.710	D	5.460	D	8.500	D	4.750	D	4.690	D	5.490	D	8.450	D	5.400	D	5.480	D	3.810	D	1.560	D
trans-1,2-Dichloroethylene	156-60-5	NS	0.314	U	32.400	D	0.341	U	0.304	D	0.361	U	27.300	D	1.230	D	30.300	D	1.500	D	1.600	D	3.570	D	5.050	D	1.130	D	1.920	D	20.800	D	0.657	U	4.920	D
trans-1,3-Dichloropropylene	10061-02-6	NS	0.359	U	0.454	U	0.390	U	0.348	U	0.413	U	0.370	U	0.829	U	0.731	U	0.747	U	0.733	U	0.680	U	0.837	U	0.863	U	0.731	U	0.836	U	1	U	0.750	U
Trichloroethylene	79-01-6	**6/0.2**	0.106	U	0.134	U	0.116	U	0.103	U	0.122	U	0.110	U	**12**	D	**21.2**	D	3.630	D	**10.8**	D	**10**	D	**107**	D	**25.5**	D	**26.7**	D	**316**	D	**29**	D	**299**	D
Trichlorofluoromethane (Freon 11)	75-69-4	NS	1.340	D	42.700	D	1.010	D	18.800	D	30.500	D	35.600	D	17.900	D	5.610	D	14.600	D	8.350	D	14.000	D	18.800	D	6.730	D	3.710	D	10.600	D	4.190	D	5.390	D
Vinyl acetate	108-05-4	NS	0.279	U	0.352	U	0.303	U	0.270	U	0.320	U	0.287	U	0.643	U	0.567	U	0.580	U	0.569	U	0.528	U	0.650	U	0.669	U	0.567	U	2.270	D	0.584	U	0.582	U
Vinyl bromide	593-60-2	NS	0.346	U	0.438	U	0.376	U	0.336	U	0.398	U	0.357	U	0.799	U	0.705	U	0.720	U	0.707	U	0.656	U	0.807	U	0.832	U	0.704	U	0.805	U	0.725	U	0.723	U
Vinyl Chloride	75-01-4	**6/0.2**	0.101	U	0.128	U	0.110	U	0.098	U	0.116	U	0.104	U	0.233	U	0.206	U	0.210	U	0.207	U	0.192	U	0.236	U	0.243	U	0.206	U	0.235	U	0.212	U	0.211	U

NOTES:
Regulatory Exceedences are highlighted
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
NS=this indicates that no regulatory limit has been established for this analyte

Table 1
Sub-Slab Vapor Analytical Data
11/10/2023 Sampling Event
Volatile Organic Compounds
BAE Systems
Greenlawn, New York

Sample ID		NYSDOH SV 052017	OA001		IA001		IA002		IA003		IA004		MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		MP-9		MP-10		MP-11	
Laboratory ID	CAS	Decision Matrices Minimum Concentrations	22L0627-01		22L0627-03		22L0627-04		22L0627-05		22L0627-06		22L0627-07		22L0627-08		22L0627-09		22L0627-10		22L0627-11		22L0627-12		22L0627-13		22L0627-14		22L0627-15		22L0627-16		22L0627-17	
Sampling Date			11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023	
Sample Matrix			Outdoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor		Sub Slab Vapor	
TO-15 (ug/m³)																																		
1,1,1,2-Tetrachloroethane	630-20-6	NS	0.359	U	0.382	U	0.341	U	0.372	U	0.374	U	1.32	U	1.2	U	0.596	U	0.826	U	0.756	U	2.82	U	1.35	U	1.32	U	1.33	U	0.695	U	3.48	U
1,1,1-Trichloroethane	71-55-6	100/3	0.407	U	0.432	U	0.386	U	0.421	U	0.423	U	1.5	D	0.955	D	0.675	U	10.6	D	1.73	D	3.19	U	10.7	D	4.62	D	4.84	D	0.786	U	3.93	U
1,1,2,2-Tetrachloroethane	79-34-5	NS	0.292	U	0.31	U	0.277	U	0.303	U	0.304	U	1.08	U	1.2	U	0.485	U	0.672	U	0.615	U	2.29	U	1.1	U	1.07	U	1.08	U	0.565	U	2.83	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NS	0.653	U	0.693	U	0.645	D	0.676	U	0.679	U	2.4	U	1.34	D	1.08	U	1.5	U	1.37	U	5.12	U	2.45	U	2.4	U	2.42	U	1.26	U	6.32	U
1,1,2-Trichloroethane	79-00-5	NS	0.208	U	0.221	U	0.198	U	0.216	U	0.217	U	0.766	U	0.955	D	0.345	U	0.478	U	0.438	U	1.63	U	0.782	U	0.765	U	0.771	U	0.402	U	2.01	U
1,1-Dichloroethane	75-34-3	NS	0.298	U	0.316	U	0.283	U	0.309	U	0.31	U	1.1	U	0.709	D	0.495	U	0.685	U	0.627	U	2.34	U	1.12	U	1.1	U	2.92	D	0.576	U	2.88	U
1,1-Dichloroethylene	75-35-4	6/0.2	0.0879	U	0.0934	U	0.0835	U	0.0911	U	0.0915	U	0.324	U	0.347	D	0.146	U	0.202	U	0.185	U	0.689	U	0.33	U	0.323	U	0.326	U	0.17	U	0.851	U
1,2,4-Trichlorobenzene	120-82-1	NS	0.52	U	0.552	U	0.494	U	0.539	U	0.541	U	1.91	U	1.3	U	0.863	U	1.2	U	1.09	U	4.08	U	1.95	U	1.91	U	1.93	U	1.01	U	5.03	U
1,2,4-Trimethylbenzene	95-63-6	NS	0.654	D	0.972	D	0.248	U	0.632	D	0.817	D	0.963	U	0.861	U	0.868	D	0.601	U	0.551	U	2.05	U	0.983	U	0.962	U	0.969	U	1.35	D	2.53	U
1,2-Dibromoethane	106-93-4	NS	0.273	U	0.29	U	0.259	U	0.282	U	0.284	U	1	U	1.35	U	0.452	U	0.627	U	0.574	U	2.14	U	1.02	U	1	U	1.01	U	0.527	U	2.64	U
1,2-Dichlorobenzene	95-50-1	NS	0.347	U	0.368	U	0.329	U	0.359	U	0.361	U	1.28	U	1.05	U	0.575	U	0.797	U	0.73	U	2.72	U	1.3	U	1.27	U	1.28	U	0.67	U	3.35	U
1,2-Dichloroethane	107-06-2	NS	0.223	U	0.236	U	0.211	U	0.231	U	0.232	U	0.819	U	0.709	U	0.369	U	0.512	U	0.468	U	1.75	U	0.836	U	0.818	U	0.824	U	0.43	U	2.15	U
1,2-Dichloropropane	78-87-5	NS	0.209	U	0.222	U	0.198	U	0.217	U	0.218	U	0.77	U	0.809	U	0.347	U	0.481	U	0.44	U	1.64	U	0.785	U	0.768	U	0.774	U	0.404	U	2.02	U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	0.608	U	0.645	U	0.577	U	0.63	U	1.35	D	2.24	U	1.22	U	1.01	U	1.4	U	1.28	U	4.77	U	2.28	U	2.23	U	2.25	U	1.17	U	5.88	U
1,3,5-Trimethylbenzene	108-67-8	NS	0.235	U	0.25	U	0.224	U	0.244	U	0.245	U	0.867	U	0.861	U	0.391	U	0.541	U	0.496	U	1.85	U	0.885	U	0.865	U	0.872	U	0.455	U	2.28	U
1,3-Butadiene	106-99-0	NS	0.0746	U	0.0792	U	0.0708	U	0.0773	U	0.0776	U	0.275	U	1.16	U	0.124	U	0.171	U	0.157	U	0.585	U	0.28	U	0.274	U	0.276	U	0.144	U	0.722	U
1,3-Dichlorobenzene	541-73-1	NS	0.357	U	0.379	U	0.339	U	0.37	U	0.372	U	1.32	U	1.05	U	0.593	U	0.821	U	0.752	U	2.8	U	1.34	U	1.31	U	1.32	U	0.691	U	3.46	U
1,3-Dichloropropane	142-28-9	NS	0.127	U	0.135	U	0.121	U	0.132	U	0.132	U	0.468	U	0.809	U	0.211	U	0.292	U	0.267	U	0.997	U	0.477	U	0.467	U	0.47	U	0.246	U	1.23	U
1,4-Dichlorobenzene	106-46-7	NS	0.32	U	0.34	U	0.304	U	0.332	U	0.333	U	1.18	U	1.05	U	0.531	U	0.736	U	0.673	U	2.51	U	1.2	U	1.18	U	1.18	U	0.619	U	3.1	U
1,4-Dioxane	123-91-1	NS	0.265	U	0.282	U	0.252	U	0.275	U	0.276	U	0.977	U	1.26	D	0.44	U	0.61	U	0.558	U	2.08	U	0.997	U	0.975	U	0.982	U	0.513	U	2.57	U
2-Butanone	78-93-3	NS	1.2	D	39.8	D	29.2	D	23.6	D	22.5	D	0.568	D	0.516	D	16.2	D	17.2	D	18.2	D	62.8	D	129	D	35.2	D	40.3	D	63.3	D	133	D
2-Hexanone	591-78-6	NS	0.149	U	0.158	U	0.141	U	0.154	U	0.155	U	0.549	U	1.43	D	0.247	U	0.342	U	0.314	U	1.17	U	24.7	D	0.548	U	4.17	D	0.288	U	1.44	U
3-Chloropropene	107-05-1	NS	0.211	U	0.224	U	0.2	U	0.219	U	0.22	U	0.777	U	2.74	U	0.35	U	0.485	U	0.444	U	1.65	U	0.793	U	0.776	U	0.781	U	0.408	U	2.04	U
4-Methyl-2-pentanone	108-10-1	NS	0.509	D	13.1	D	10.3	D	11	D	10	D	1.14	U	0.717	U	4.58	D	1.75	D	2.98	D	2.42	U	1.16	U	1.14	U	1.14	U	18.4	D	46.8	D
Acetone	67-64-1	NS	17.1	D	20.7	D	63.6	D	35.6	D	62.6	D	0.76	D	0.832	D	32.1	D	39	D	34.9	D	1.62	U	302	D	90.1	D	0.764	U	67.7	D	585	D
Acrylonitrile	107-13-1	NS	1.41	D	1.72	D	1.26	D	0.158	U	1.48	D	0.56	BD	0.76	BD	0.639	BD	2.35	BD	1.13	BD	1.19	U	0.571	U	0.559	U	1.43	D	0.294	U	1.47	U
Benzene	71-43-2	NS	0.822	D	0.752	D	0.753	D	1.32	D	0.914	D	1.03	U	0.559	U	0.466	U	0.645	U	0.59	U	2.2	U	1.05	U	1.03	U	1.04	U	0.542	U	2.72	U
Benzyl chloride	100-44-7	NS	0.248	U	0.263	U	0.235	U	0.257	U	0.258	U	0.913	U	0.907	U	0.412	U	0.57	U	0.522	U	1.94	U	0.932	U	0.911	U	0.918	U	0.479	U	2.4	U
Bromodichloromethane	75-27-4	NS	0.202	U	0.215	U	0.192	U	0.209	U	0.21	U	0.744	U	1.17	U	0.335	U	0.464	U	0.425	U	1.58	U	0.759	U	0.743	U	0.748	U	0.391	U	1.96	U
Bromoform	75-25-2	NS	0.449	U	0.477	U	0.426	U	0.465	U	0.467	U	1.65	U	1.81	U	0.746	U	1.03	U	0.946	U	3.52	U	1.69	U	1.65	U	1.66	U	0.869	U	4.35	U
Bromomethane	74-83-9	NS	0.338	U	0.358	U	0.32	U	0.35	U	0.351	U	1.24	U	0.68	D	0.56	U	0.776	U	0.71	U	2.65	U	1.27	U	1.24	U	1.25	U	0.653	U	3.27	U
Carbon disulfide	75-15-0	NS	0.26	U	0.276	U	0.246	U	0.269	U	0.27	U	0.956	D	0.545	D	0.458	D	1.14	D	0.756	D	4.77	D	3.84	D	0.954	U	2.76	D	0.694	D	2.51	U
Carbon tetrachloride	56-23-5	6/0.2	0.502	D	0.415	D	0.477	D	0.463	D	0.465	D	0.514	U	0.275	D	0.741	D	0.513	D	0.47	D	1.09	U	0.524	U	0.513	U	0.517	U	0.432	D	1.35	U
Chlorobenzene	108-90-7	NS	0.229	U	0.243	U	0.217	U	0.237	U	0.238	U	0.842	U	0.806	U	0.379	U	0.526	U	0.481	U	1.79	U	0.859	U	0.84	U	0.847	U	0.442	U	2.21	U
Chloroethane	75-00-3	NS	0.15	U	0.159	U	0.142	U	0.155	U	0.156	U	0.551	D	0.462	D	1.05	D	0.344	U	0.315	U	1.17	U	3.52	D	1.98	D	1.13	D	0.29	U	1.45	U
Chloroform	67-66-3	NS	0.398	U	0.423	U	0.378	U	0.413	U	0.415	U	1.47	U	0.855	D	0.661	U	0.916	U	0.839	U	3.12	U	2.28	D	2.07	D	3.21	D	0.837	D	3.86	U
Chloromethane	74-87-3	NS	1.3	D	1.24	D	1.23	D	1.12	D	1.18	D	0.33	D	0.362	D	0.638	D	0.206	U	0.655	D	2.44	D	1.65	D	0.808	D	0.882	D	0.744	D	0.869	U
cis-1,2-Dichloroethylene	156-59-2	6/0.2	0.0879	U	0.0934	U	0.0835	U	0.0911	U	0.0915	U	0.324	D	0.347	D	0.146	U	0.202	U	0.185	U	0.689	U	0.33	U	1.16	D	20.3	D	1.5	D	9.53	D
cis-1,3-Dichloropropylene	10061-01-5	NS	0.165	U	0.175	U	0.157	U	0.171	U	0.172	U	0.608	U	0.795	U	0.274	U	0.379	U	0.347	U	1.29	U	0.62	U	0.607	U	0.611	U	0.319	U	1.6	U
Cyclohexane	110-82-7	NS	0.263	U	0.279	U	0.249	U	0.272	U	0.381	D	0.967	D	0.603	D	68.4	D	97.2	D	76.8	D	628	D	419	D	237	D	282	D	68.9	D	136	D
Dibromochloromethane	124-48-1	NS	0.37	U	0.393	U	0.351	U	0.384	U	0.385	U	1.36	U	1.49	U	0.614	U	0.851	U	0.779	U	2.9	U	1.39	U	1.36	U	1.37	U	0.716	U	3.58	U
Dichlorodifluoromethane	75-71-8	NS	2.59	D	2.47	D	2.58	D	3	D	3.38	D	1.45	D	0.866	D	4.66	D	3.73	D	2.86	D	3.1	U	2.8	D	2.74	D	2.76	D	2.71	D	3.82	U
Ethyl acetate	141-78-6	NS	0.217	U	0.231	U	0.607	D	1.03	D	0.964	D	0.8	U	1.26	U	0.361	U	0.5	U	0.457	U	1.7	U	0.816	U	0.799	U	0.805	U	0.42	U	2.1	U
Ethyl Benzene	100-41-4	NS	1.58	D	1.6	D	1.32	D	1.32	D	1.72	D	0.979	D	0.76	D	1.34	D	1.68	D	2.03	D	4.53	D	3.76	D	3.11	D	3.71	D	2.53	D	4.85	D
Hexachlorobutadiene	87-68-3	NS	0.804	U	0.854	U	0.763	U	0.833	U	0.837	U	2.96	U	1.87	U	1.33	U	1.85	U	1.69	U	6.31	U	3.02	U	2.96	U	2.98	U	1.55	U	7.78	U
Isopropanol	67-63-0	NS	10.2	D	845	DE	578	DE	186	DE	249	DE	0.771	D	2.15	D	176	D	163	D	158	D	86.7	D	762	DE	973	DE	117	D	1080	DE	3880	DE
Methyl Methacrylate	80-62-6	NS	0.113	U	0.12	U	0.107	U	0.117	U	0.117	U	0.415	U	0.717	U	0.187	U	0.259	U	0.237	U	0.883	U	0.423	U	0.414	U	0.417	U	0.218	U	1.09	U
Methyl tert-butyl ether (MTBE)	1634-04-4	NS	0.31	U	0.329	U	0.294	U	0.321	U	0.323	U	1.14	U	0.631	U	0.515	U	0.713	U	0.653	U	2.43	U	1.17	U	1.14	U	1.15	U	0.6	U	3	U
Methylene chloride	75-09-2	100/3	0.678	D	0.229	U	0.205	U	1.28	D	1.73	D	0.794	U	1.22	U	2.15	D	0.496	U	0.454	U	1.69	U	0.81	U	0.793	U	0.799	U	0.417	U	2.09	U
n-Heptane	142-82-5	NS	0.156	U	0.166	U	0.148	U	0.162	U	0.163	U	0.576	D	0.718	D	5.55	D	4.85	D	6.73	D	57.9	D	34.7	D	19.2	D	24	D	5.83	D	9.5	D
n-Hexane	110-54-3	NS	0.688	D	0.631	D	0.594	D	0.713	D	1.24	D	0.921	D	0.617	D	43.9	D	42.8	D	35.3	D	179	D	254	D	126	D	117	D	31.9	D	56.6	D
o-Xylene	95-47-6	NS	1.35	D	2.21	D	1.79	D	1.68	D	2.04	D	0.34	D	0.76	D	1.47	D	1.77	D	2.35	D	4.23	D	4.77	D	3.4	D	3.99	D	2.83	D	5.59	D
p- & m- Xylenes	179601-23-1	NS	5.89	D	6.79	D	5.45	D	5.43	D	6.77	D	2.03	D	1.52	D	4.67	D	6.29	D	8.03	D	17.2	D	15.9	D	12.5	D	15.7	D	10.8	D	20.5	D
p-Ethyltoluene	622-96-8	NS	0.331	U	0.556	D	0.315	U	0.452	D	0.545	D	1.22	U	0.861	D	0.796	D	0.762	U	0.698	U	2.6	U	1.24	U	1.22	U	1.23	U	1.01	D	3.21	U
Propylene	115-07-1	NS	1.8	D	1.2	D	0.0609	U	0.0664	U	10.4	D	0.236	U	0.301	U	0.106	U	0.147	U	0.135	U	2.39	D	0.241	U	1.57	D	1.19	D	0.974	D	1.48	D
Styrene	100-42-5	NS	0.223	U	0.237	U	0.212	U	0.231	U	0.232	U	0.821	D	0.746	D	0.37	U	1.65	D	1.75	D	2.96	D	2.98	D	2.64	D	2.94	D	2.63	D	2.16	U
Tetrachloroethylene	127-18-4	100/3	0.295	U	1.21	D	0.571	D	0.623	D	0.307	U	1.09	D	1.19	D	3.89	D	255	D	23.7	D	27.8	D	90.4	D	75.2	D	199	D	42.1	D	1290	D
Tetrahydrofuran	109-99-9	NS	0.139	U	0.147	U	0.132	U	0.144	U	2.12	D	0.511	D	1.03	D	0.23	U	0.319	U	0.292	U	1.09	U	0.521	U	0.51	U	0.513	U	0.268	U	1.34	U
Toluene	108-88-3	NS	1.84	D	2.48	D	2	D	2.29	D	3.79	D	0.726	D	0.66	D	4.77	D	3.38	D	4.15	D	11.3	D	9.42	D	7.62	D	9.03	D	4.39	D	5.18	D
trans-1,2-Dichloroethylene	156-60-5	NS	0.278	U	0.295	U	0.264	U	0.288	U	0.549	D	1.02	D	0.694	D	0.461	U	0.889	D	0.962	D	2.18	U	1.04	U	1.29	D	7.68	D	0.537	U	2.69	U
trans-1,3-Dichloropropylene	10061-02-6	NS	0.37	U	0.393	U	0.352	U	0.384	U	0.385	U	1.36	U	0.795	U	0.615	U	0.851	U	0.78	U	2.9	U	1.39	U	1.36	U	1.37	U	0.716	U	3.58	U
Trichloroethylene	79-01-6	6/0.2	0.119	U	0.152	D	0.113	U	0.123	U	0.124	U	0.439	D	0.235	D	0.198	U	5.37	D	2.51	D	4.86	D	15.4	D	34.5	D	152	D	33.9	D	137	D
Trichlorofluoromethane (Freon 11)	75-69-4	NS	1.59	D	5.93	D	8	D	16.3	D	16	D	1.39	D	0.984	D	16.1	D	17.9	D	15.9	D	21.1	D	9.55	D	6.78	D	16.2	D	7.23	D	5.31	D
Vinyl acetate	108-05-4	NS	0.194	U	0.206	U	0.184	U	0.201	U	0.201	U	0.713	U	0.617	U	0.321	U	0.445	U	0.408	U	1.52	U	0.727	U	0.712	U	0.717	U	0.374	U	1.87	U
Vinyl bromide	593-60-2	NS	0.372	U	0.396	U	0.354	U	0.386	U	0.388	U	1.37	U	0.766	U	0.618	U	0.856	U	0.784	U	2.92	U	1.4	U	1.37	U	1.38	U	0.72	U	3.61	U
Vinyl Chloride	75-01-4	6/0.2	0.0998	U	0.106	U	0.0947	U	0.103	U	0.104	U	0.367	U	0.224	U	0.166	U	0.229	U	0.21	U	0.782	U	0.375	U	0.367	U	0.369	U	0.193	U	0.966	U

NOTES:
Regulatory Exceedences are highlighted
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
NS=this indicates that no regulatory limit has been established for this analyte

APPENDIX A
LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Michael Gaul

Report Date: 12/21/2022
Client Project ID: BAE2202 SSVM Closure
York Project (SDG) No.: 22L0627

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 12/21/2022
Client Project ID: BAE2202 SSVM Closure
York Project (SDG) No.: 22L0627

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Michael Gaul

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 09, 2022 and listed below. The project was identified as your project: **BAE2202 SSVM Closure**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22L0627-01	OA-1	Outdoor Ambient Ai	12/09/2022	12/09/2022
22L0627-02	OA-2	Outdoor Ambient Ai	12/09/2022	12/09/2022
22L0627-03	IA-1	Indoor Ambient Air	12/09/2022	12/09/2022
22L0627-04	IA-2	Indoor Ambient Air	12/09/2022	12/09/2022
22L0627-05	IA-3	Indoor Ambient Air	12/09/2022	12/09/2022
22L0627-06	IA-4	Indoor Ambient Air	12/09/2022	12/09/2022
22L0627-07	MP-1	Soil Vapor	12/09/2022	12/09/2022
22L0627-08	MP-2	Soil Vapor	12/09/2022	12/09/2022
22L0627-09	MP-3	Soil Vapor	12/09/2022	12/09/2022
22L0627-10	MP-4	Soil Vapor	12/09/2022	12/09/2022
22L0627-11	MP-5	Soil Vapor	12/09/2022	12/09/2022
22L0627-12	MP-6	Soil Vapor	12/09/2022	12/09/2022
22L0627-13	MP-7	Soil Vapor	12/09/2022	12/09/2022
22L0627-14	MP-8	Soil Vapor	12/09/2022	12/09/2022
22L0627-15	MP-9	Soil Vapor	12/09/2022	12/09/2022
22L0627-16	MP-10	Soil Vapor	12/09/2022	12/09/2022
22L0627-17	MP-11	Soil Vapor	12/09/2022	12/09/2022

General Notes for York Project (SDG) No.: 22L0627

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 12/21/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **OA-1** **York Sample ID:** **22L0627-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Outdoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.721	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.573	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.721	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.805	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.573	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.425	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.208	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.779	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.516	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.807	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.631	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.425	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.485	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.734	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.516	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.697	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.631	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.485	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.631	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.757	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.588**		ug/m³	0.310	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 22L0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Outdoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.860	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.64	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.430	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**3.47**		ug/m³	0.499	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.228	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.570**		ug/m³	0.335	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.544	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.703	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.09	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.408	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.327	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.330**		ug/m³	0.165	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.483	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.277	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.513	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.954**		ug/m³	0.217	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.208	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.477	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.361	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.894	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.45**		ug/m³	0.519	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.757	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:			

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 22L0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Outdoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m³	0.456	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS -L	ug/m³	1.12	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**4.26**	B	ug/m³	0.516	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.430	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.379	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.729**		ug/m³	0.729	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.430	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	0.370	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.456	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.912	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.516	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:			
115-07-1	*** Propylene**	**0.325**		ug/m³	0.181	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.447	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.712	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.619	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:			
108-88-3	Toluene	ND		ug/m³	0.396	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.416	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.477	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.141	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.826**		ug/m³	0.590	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.370	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 22L0627-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Outdoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.459	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.134	1.05	EPA TO-15	12/18/2022 11:59	12/18/2022 21:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OA-2 **York Sample ID:** 22L0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Outdoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.658	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.523	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.658	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.734	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.523	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.388	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.190	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.711	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.471	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.736	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.576	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.388	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.443	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.670	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.471	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.636	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.576	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.443	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.576	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.690	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.16**		ug/m³	0.283	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.785	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:			

Sample Information

Client Sample ID: OA-2 **York Sample ID:** 22L0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Outdoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.50	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.392	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**6.30**		ug/m³	0.455	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.208	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.337**		ug/m³	0.306	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.496	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.642	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.990	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.372	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.298	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.362**		ug/m³	0.151	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.441	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.253	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.468	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.969**		ug/m³	0.198	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.190	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.435	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.330	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.816	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.47**		ug/m³	0.474	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.690	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.416	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **OA-2** **York Sample ID:** **22L0627-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Outdoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	1.02	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**4.24**	B	ug/m³	0.471	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.392	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.345	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**0.732**		ug/m³	0.666	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.393	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.338	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	o-Xylene	ND		ug/m³	0.416	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.832	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.471	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:			
115-07-1	*** Propylene**	**0.280**		ug/m³	0.165	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.408	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.650	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.565	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:			
108-88-3	Toluene	ND		ug/m³	0.361	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.380	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.435	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.129	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.861**		ug/m³	0.538	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.337	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.419	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: OA-2 **York Sample ID:** 22L0627-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Outdoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.122	0.958	EPA TO-15	12/18/2022 11:59	12/18/2022 22:28	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 22L0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.683	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.543	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.683	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.763	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.543	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.403	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.197	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.738	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.489	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.765	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.598	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.403	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.460	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.696	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.489	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.660	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.598	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.460	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.598	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.717	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**7.28**		ug/m³	0.293	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.815	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:			

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 22L0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.56	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**2.53**		ug/m³	0.408	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**52.7**		ug/m³	0.473	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.216	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.318	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.515	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.667	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.03	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.386	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.310	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.376**		ug/m³	0.156	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.458	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.263	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.486	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.15**		ug/m³	0.205	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.197	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.452	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.342	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.848	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.48**		ug/m³	0.492	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.717	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.432	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **IA-1** **York Sample ID:** **22L0627-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	1.06	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
67-63-0	**Isopropanol**	**678**	TO-IPA, B, E	ug/m³	0.489	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m³	0.407	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.359	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
75-09-2	**Methylene chloride**	**0.795**		ug/m³	0.691	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
142-82-5	n-Heptane	ND		ug/m³	0.408	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
110-54-3	n-Hexane	ND		ug/m³	0.351	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
95-47-6	o-Xylene	ND		ug/m³	0.432	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.864	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.489	0.995	EPA TO-15 Certifications:	12/18/2022 11:59	12/18/2022 23:27	LLJ
115-07-1	*** Propylene**	**0.805**		ug/m³	0.171	0.995	EPA TO-15 Certifications:	12/18/2022 11:59	12/18/2022 23:27	LLJ
100-42-5	Styrene	ND		ug/m³	0.424	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m³	0.675	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.587	0.995	EPA TO-15 Certifications:	12/18/2022 11:59	12/18/2022 23:27	LLJ
108-88-3	**Toluene**	**0.600**		ug/m³	0.375	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
156-60-5	**trans-1,2-Dichloroethylene**	**0.750**		ug/m³	0.395	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.452	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
79-01-6	Trichloroethylene	ND		ug/m³	0.134	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
75-69-4	**Trichlorofluoromethane (Freon 11)**	**14.3**		ug/m³	0.559	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	0.350	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	0.435	0.995	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/18/2022 23:27	LLJ

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 22L0627-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.127	0.995	EPA TO-15	12/18/2022 11:59	12/18/2022 23:27	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 22L0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.706	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.561	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.706	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.788	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.561	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.416	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.204	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.763	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.505	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.790	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.618	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.416	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.475	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.719	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.505	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.682	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.618	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.475	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.618	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.741	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**12.8**		ug/m³	0.303	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.842	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:			

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 22L0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.61	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**5.56**		ug/m³	0.421	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**38.4**		ug/m³	0.488	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.223	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.328	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.532	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.689	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.06	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.399	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.320	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.323**		ug/m³	0.162	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.473	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.271	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.502	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.19**		ug/m³	0.212	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.204	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.467	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.354	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.876	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.42**		ug/m³	0.508	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.741	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.446	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **IA-2** **York Sample ID:** **22L0627-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	1.10	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
67-63-0	**Isopropanol**	**711**	TO-IPA, B, E	ug/m³	0.505	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m³	0.421	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.371	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
75-09-2	Methylene chloride	ND		ug/m³	0.714	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
142-82-5	n-Heptane	ND		ug/m³	0.421	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
110-54-3	n-Hexane	ND		ug/m³	0.362	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
95-47-6	o-Xylene	ND		ug/m³	0.446	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.893	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.505	1.028	EPA TO-15 Certifications:	12/18/2022 11:59	12/19/2022 00:26	LLJ
115-07-1	*** Propylene**	**0.619**		ug/m³	0.177	1.028	EPA TO-15 Certifications:	12/18/2022 11:59	12/19/2022 00:26	LLJ
100-42-5	Styrene	ND		ug/m³	0.438	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m³	0.697	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.606	1.028	EPA TO-15 Certifications:	12/18/2022 11:59	12/19/2022 00:26	LLJ
108-88-3	**Toluene**	**0.814**		ug/m³	0.387	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
156-60-5	**trans-1,2-Dichloroethylene**	**0.530**		ug/m³	0.408	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.467	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
79-01-6	Trichloroethylene	ND		ug/m³	0.138	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
75-69-4	**Trichlorofluoromethane (Freon 11)**	**6.47**		ug/m³	0.578	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	0.362	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	0.450	1.028	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 00:26	LLJ

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 22L0627-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.131	1.028	EPA TO-15	12/18/2022 11:59	12/19/2022 00:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 22L0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.641	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**0.662**		ug/m³	0.509	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.641	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.715	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.509	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.378	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.185	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.692	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.459	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.717	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.561	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.378	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.431	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.652	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.459	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.619	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.561	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.431	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.561	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.672	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**6.91**		ug/m³	0.275	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.764	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:			

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 22L0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.46	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**0.573**		ug/m³	0.382	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**28.1**		ug/m³	0.443	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.202	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.328**		ug/m³	0.298	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.483	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.625	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.964	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.362	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.291	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.352**		ug/m³	0.147	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.430	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.246	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.456	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.08**		ug/m³	0.193	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.185	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.423	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.321	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.795	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.08**		ug/m³	0.461	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.672	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.405	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 22L0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS -L	ug/m³	0.995	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**270**	TO-IPA, B, E	ug/m³	0.459	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.382	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.336	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.875**		ug/m³	0.648	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.421**		ug/m³	0.382	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.493**		ug/m³	0.329	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.405	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.09**		ug/m³	0.810	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.459	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:			
115-07-1	*** Propylene**	**1.20**		ug/m³	0.161	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.397	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.633	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**2.56**		ug/m³	0.550	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:			
108-88-3	**Toluene**	**1.72**		ug/m³	0.352	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**17.1**		ug/m³	0.370	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.423	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.125	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**14.1**		ug/m³	0.524	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.329	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.408	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 22L0627-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.119	0.933	EPA TO-15	12/18/2022 11:59	12/19/2022 01:25	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 22L0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.752	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.597	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.752	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.839	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.597	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.443	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.217	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.813	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.538	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.841	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.658	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.443	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.506	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.765	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.538	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.727	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.658	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.506	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.658	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.789	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**5.59**		ug/m³	0.323	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.897	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:			

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 22L0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.71	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	**4-Methyl-2-pentanone**	**3.63**		ug/m³	0.449	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**47.5**		ug/m³	0.520	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.238	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND		ug/m³	0.350	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.567	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.734	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.13	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.425	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.341	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.344**		ug/m³	0.172	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.504	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.289	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.535	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**1.09**		ug/m³	0.226	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.217	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.497	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	0.377	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	0.933	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**1.57**		ug/m³	0.541	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	0.789	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.05**		ug/m³	0.475	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 22L0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	1.17	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**1030**	TO-IPA, B, E	ug/m³	0.538	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.448	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.395	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.22**		ug/m³	0.761	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.449	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.386	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**1.47**		ug/m³	0.475	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**5.94**		ug/m³	0.951	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.538	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:			
115-07-1	*** Propylene**	**0.697**		ug/m³	0.188	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.466	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.743	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.646	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:			
108-88-3	**Toluene**	**1.86**		ug/m³	0.413	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**1.65**		ug/m³	0.434	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.497	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.147	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**29.4**		ug/m³	0.615	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.386	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.479	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 22L0627-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Indoor Ambient Air	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.140	1.095	EPA TO-15	12/18/2022 11:59	12/19/2022 02:24	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-1 **York Sample ID:** 22L0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	9.54	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**16.7**		ug/m³	7.58	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	9.54	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	10.7	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	7.58	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	5.63	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	2.76	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	10.3	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	6.83	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	10.7	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	8.36	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	5.63	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	6.42	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	9.72	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	6.83	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	9.23	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	8.36	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	6.42	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	8.36	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	10.0	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**11.1**		ug/m³	4.10	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	11.4	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:			

Sample Information

Client Sample ID: MP-1 **York Sample ID:** 22L0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	21.8	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	5.69	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**13.2**		ug/m³	6.60	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	3.02	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND		ug/m³	4.44	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	7.20	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	9.31	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	14.4	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	5.40	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	4.33	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	2.19	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	6.40	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	3.67	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	6.79	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	2.87	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	**cis-1,2-Dichloroethylene**	**2.76**		ug/m³	2.76	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	6.31	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	4.78	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	11.8	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	6.87	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	10.0	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	6.04	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **MP-1** **York Sample ID:** **22L0627-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	14.8	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**113**	B	ug/m³	6.83	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	5.69	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.01	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	9.66	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	5.70	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	4.90	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	o-Xylene	ND		ug/m³	6.04	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	p- & m- Xylenes	ND		ug/m³	12.1	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	6.83	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	2.39	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	5.92	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**867**		ug/m³	9.43	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* **Tetrahydrofuran**	**10.7**		ug/m³	8.20	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:			
108-88-3	Toluene	ND		ug/m³	5.24	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**1340**		ug/m³	5.51	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	6.31	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**12.0**		ug/m³	1.87	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	7.81	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	4.89	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	6.08	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: MP-1 **York Sample ID:** 22L0627-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.78	13.9	EPA TO-15	12/18/2022 11:59	12/19/2022 03:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 22L0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.48	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**64.4**		ug/m³	1.18	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.48	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**16.7**		ug/m³	1.65	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	**1,1,2-Trichloroethane**	**2.35**		ug/m³	1.18	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.873	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**1.97**		ug/m³	0.428	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.60	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.06	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.66	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.30	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.873	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.997	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.51	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.06	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.43	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.30	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.997	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.30	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	**1,4-Dioxane**	**34.7**		ug/m³	1.55	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.891**		ug/m³	0.636	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.77	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:			

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 22L0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	3.38	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.884	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**10.7**		ug/m³	1.02	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.468	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.689	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.12	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.45	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	2.23	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.838	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**6.38**		ug/m³	0.672	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.339	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.993	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	**Chloroethane**	**0.569**		ug/m³	0.569	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**1.05**		ug/m³	1.05	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**5.52**		ug/m³	0.445	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.599**		ug/m³	0.428	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.979	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.742	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.84	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.81**		ug/m³	1.07	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.55	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.34**		ug/m³	0.937	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 22L0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	2.30	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
67-63-0	**Isopropanol**	**21.0**	B	ug/m³	1.06	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m³	0.883	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.778	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
75-09-2	**Methylene chloride**	**2.02**		ug/m³	1.50	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
142-82-5	n-Heptane	ND		ug/m³	0.884	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
110-54-3	n-Hexane	ND		ug/m³	0.760	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
95-47-6	**o-Xylene**	**5.06**		ug/m³	0.937	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
179601-23-1	**p- & m- Xylenes**	**11.3**		ug/m³	1.87	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.06	2.157	EPA TO-15 Certifications:	12/18/2022 11:59	12/19/2022 10:41	LLJ
115-07-1	*** Propylene**	**8.98**		ug/m³	0.371	2.157	EPA TO-15 Certifications:	12/18/2022 11:59	12/19/2022 10:41	LLJ
100-42-5	Styrene	ND		ug/m³	0.919	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
127-18-4	**Tetrachloroethylene**	**200**		ug/m³	1.46	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.27	2.157	EPA TO-15 Certifications:	12/18/2022 11:59	12/19/2022 10:41	LLJ
108-88-3	**Toluene**	**1.22**		ug/m³	0.813	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
156-60-5	**trans-1,2-Dichloroethylene**	**51.6**		ug/m³	0.855	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.979	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
79-01-6	**Trichloroethylene**	**55.8**		ug/m³	0.290	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.88**		ug/m³	1.21	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	0.759	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	0.944	2.157	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 10:41	LLJ

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 22L0627-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.276	2.157	EPA TO-15	12/18/2022 11:59	12/19/2022 10:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-3 **York Sample ID:** 22L0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.66	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**7.28**		ug/m³	1.32	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.66	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.86	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.32	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.982	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.481	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.80	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.19	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.86	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.46	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.981	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.12	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	**1,2-Dichlorotetrafluoroethane**	**3.56**		ug/m³	1.70	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.19	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.61	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.46	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.12	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.46	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.75	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	2-Butanone	ND		ug/m³	0.715	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.99	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:			

Sample Information

Client Sample ID: MP-3 **York Sample ID:** 22L0627-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	3.80	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.993	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**1.73**		ug/m³	1.15	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.526	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.775	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.26	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.62	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	2.51	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.942	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.755	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.381	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	1.12	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.640	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	1.18	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.501	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.481	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.10	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.835	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	2.07	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**5.52**		ug/m³	1.20	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.75	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.32**		ug/m³	1.05	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-3** **York Sample ID:** **22L0627-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	2.59	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
67-63-0	**Isopropanol**	**6.38**	B	ug/m³	1.19	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m³	0.993	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.874	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
75-09-2	**Methylene chloride**	**1.68**		ug/m³	1.68	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
142-82-5	n-Heptane	ND		ug/m³	0.994	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
110-54-3	n-Hexane	ND		ug/m³	0.855	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
95-47-6	**o-Xylene**	**5.48**		ug/m³	1.05	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
179601-23-1	**p- & m- Xylenes**	**11.5**		ug/m³	2.11	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.19	2.425	EPA TO-15 Certifications:	12/18/2022 11:59	12/19/2022 11:34	LLJ
115-07-1	* Propylene	ND		ug/m³	0.417	2.425	EPA TO-15 Certifications:	12/18/2022 11:59	12/19/2022 11:34	LLJ
100-42-5	Styrene	ND		ug/m³	1.03	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
127-18-4	**Tetrachloroethylene**	**85.2**		ug/m³	1.64	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.43	2.425	EPA TO-15 Certifications:	12/18/2022 11:59	12/19/2022 11:34	LLJ
108-88-3	Toluene	ND		ug/m³	0.914	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
156-60-5	**trans-1,2-Dichloroethylene**	**3.56**		ug/m³	0.961	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.10	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
79-01-6	**Trichloroethylene**	**6.91**		ug/m³	0.326	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
75-69-4	**Trichlorofluoromethane (Freon 11)**	**8.45**		ug/m³	1.36	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	0.854	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	1.06	2.425	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/19/2022 11:34	LLJ

Sample Information

Client Sample ID: **MP-3** **York Sample ID:** **22L0627-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.310	2.425	EPA TO-15	12/18/2022 11:59	12/19/2022 11:34	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-4** **York Sample ID:** **22L0627-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	3.03	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**16.6**		ug/m³	2.41	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.03	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	3.39	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.41	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.79	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.876	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.28	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	2.17	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	3.39	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.66	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.79	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.04	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	3.09	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	2.17	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	2.93	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.66	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.04	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.66	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	3.18	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.43**		ug/m³	1.30	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	3.62	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:			

Sample Information

Client Sample ID: MP-4 **York Sample ID:** 22L0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	6.91	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.81	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**8.71**		ug/m³	2.10	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.959	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND		ug/m³	1.41	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	2.29	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	2.96	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	4.57	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	1.72	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	1.38	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.695	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	2.03	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	1.17	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	2.16	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.912	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.876	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.01	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	1.52	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	3.76	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.18	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	3.18	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.92**		ug/m³	1.92	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: MP-4 **York Sample ID:** 22L0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	4.71	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**35.8**	B	ug/m³	2.17	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	1.81	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.59	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	3.07	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	1.81	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	1.56	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**3.64**		ug/m³	1.92	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**7.86**		ug/m³	3.84	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	2.17	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:			
115-07-1	*** Propylene**	**1.52**		ug/m³	0.760	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	1.88	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**765**		ug/m³	3.00	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	2.61	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:			
108-88-3	Toluene	ND		ug/m³	1.66	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**4.20**		ug/m³	1.75	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.01	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**13.5**		ug/m³	0.594	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**7.45**		ug/m³	2.48	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	1.56	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	1.93	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: MP-4 **York Sample ID:** 22L0627-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.565	4.418	EPA TO-15	12/18/2022 11:59	12/19/2022 14:10	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-5** **York Sample ID:** **22L0627-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.36	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**6.50**		ug/m³	1.08	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.36	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.52	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.08	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.804	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.394	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.47	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.976	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.53	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.19	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.804	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.918	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	**1,2-Dichlorotetrafluoroethane**	**1.80**		ug/m³	1.39	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.976	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.32	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.19	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.918	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.19	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.43	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**3.69**		ug/m³	0.586	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.63	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:			

Sample Information

Client Sample ID: **MP-5** **York Sample ID:** **22L0627-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	3.11	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**1.06**		ug/m³	0.814	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**30.2**		ug/m³	0.944	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.431	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.634	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.03	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.33	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	2.05	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.771	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.618	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.312	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.914	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.524	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.970	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.410	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.394	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.901	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.684	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.69	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.77**		ug/m³	0.982	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.43	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.72**		ug/m³	0.862	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-5 **York Sample ID:** 22L0627-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	2.12	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**152**	B	ug/m³	0.976	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.813	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.716	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.52**		ug/m³	1.38	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.814	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.700	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**3.97**		ug/m³	0.862	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**7.93**		ug/m³	1.72	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.976	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.342	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.846	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**118**		ug/m³	1.35	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.17	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:			
108-88-3	**Toluene**	**0.823**		ug/m³	0.748	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**3.70**		ug/m³	0.787	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.901	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**12.0**		ug/m³	0.267	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**10.8**		ug/m³	1.12	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.699	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.869	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **MP-5** **York Sample ID:** **22L0627-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.254	1.986	EPA TO-15	12/18/2022 11:59	12/19/2022 13:21	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-6** **York Sample ID:** **22L0627-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	14.3	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**39.9**		ug/m³	11.4	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14.3	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	16.0	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11.4	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.45	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	4.14	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15.5	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	10.3	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	16.0	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12.6	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.45	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.65	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14.6	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	10.3	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	13.9	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12.6	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	9.65	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12.6	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	15.0	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	2-Butanone	ND		ug/m³	6.16	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	17.1	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:			

Sample Information

Client Sample ID: **MP-6** **York Sample ID:** **22L0627-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	32.7	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.55	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**23.3**		ug/m³	9.92	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	4.53	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	6.67	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	10.8	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	14.0	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	21.6	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	8.11	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	6.50	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	3.28	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	9.61	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	5.51	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	10.2	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	4.31	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	4.14	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.48	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	7.19	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	17.8	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	10.3	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	15.0	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	9.07	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-6** **York Sample ID:** **22L0627-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	22.3	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**3490**	TO-IPA, B, E	ug/m³	10.3	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	8.55	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.53	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	14.5	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	8.56	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	7.36	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	9.07	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	18.1	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	10.3	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	3.59	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	8.89	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**1430**		ug/m³	14.2	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	12.3	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:			
108-88-3	Toluene	ND		ug/m³	7.87	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.28	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.48	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**102**		ug/m³	2.81	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**21.1**		ug/m³	11.7	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	7.35	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	9.13	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-6** **York Sample ID:** **22L0627-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	2.67	20.88	EPA TO-15	12/18/2022 11:59	12/19/2022 07:03	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-7 **York Sample ID:** 22L0627-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	6.12	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**14.1**		ug/m³	4.86	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	6.12	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	6.83	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.86	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.61	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.77	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	6.61	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	4.38	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	6.85	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	5.36	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.61	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	4.12	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	6.23	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	4.38	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	5.91	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	5.36	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	4.12	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	5.36	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	6.42	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**178**		ug/m³	2.63	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**46.0**		ug/m³	7.30	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:			

Sample Information

Client Sample ID: MP-7 **York Sample ID:** 22L0627-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	13.9	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**11.7**		ug/m³	3.65	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**603**		ug/m³	4.23	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	1.93	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**4.84**		ug/m³	2.85	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	4.61	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	5.97	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	9.21	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	3.46	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	2.78	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	1.40	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	4.10	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	2.35	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	4.35	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**2.02**		ug/m³	1.84	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.77	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	4.04	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	3.07	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	7.59	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.41	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	6.42	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	3.87	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-7 **York Sample ID:** 22L0627-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	9.50	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**188**	B	ug/m³	4.38	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	3.65	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.21	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	6.19	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**4.02**		ug/m³	3.65	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	3.14	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**4.26**		ug/m³	3.87	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**9.29**		ug/m³	7.74	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	4.38	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:			
115-07-1	*** Propylene**	**18.3**		ug/m³	1.53	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	3.80	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**145**		ug/m³	6.04	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	5.26	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:			
108-88-3	**Toluene**	**3.69**		ug/m³	3.36	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.53	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	4.04	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**25.4**		ug/m³	1.20	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	5.01	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	3.14	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	3.90	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-7 **York Sample ID:** 22L0627-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.14	8.912	EPA TO-15	12/18/2022 11:59	12/19/2022 14:58	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-8** **York Sample ID:** **22L0627-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.44	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**2.62**		ug/m³	1.14	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.44	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.60	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.14	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND	TO-LCS -L	ug/m³	0.846	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**0.497**		ug/m³	0.415	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.55	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**2.26**		ug/m³	1.03	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.61	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.26	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.846	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.966	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.46	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.03	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.39	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**1.63**		ug/m³	1.26	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.966	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.26	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.51	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**3.70**		ug/m³	0.617	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**2.48**		ug/m³	1.71	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:			

Sample Information

Client Sample ID: **MP-8** **York Sample ID:** **22L0627-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	3.27	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.857	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**15.5**		ug/m³	0.993	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.454	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.668	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.08	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.40	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	2.16	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.812	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND	TO-LCS -L	ug/m³	0.651	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.329	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.963	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.552	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**2.35**		ug/m³	1.02	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.432	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.746**		ug/m³	0.415	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.949	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.720	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.78	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.55**		ug/m³	1.03	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.51	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**5.08**		ug/m³	0.908	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-8** **York Sample ID:** **22L0627-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-LCS-L	ug/m³	2.23	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
67-63-0	**Isopropanol**	**94.8**	B	ug/m³	2.57	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m³	0.856	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.754	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
75-09-2	Methylene chloride	ND		ug/m³	1.45	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
142-82-5	**n-Heptane**	**1.20**		ug/m³	0.857	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
110-54-3	n-Hexane	ND		ug/m³	0.737	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
95-47-6	**o-Xylene**	**9.17**		ug/m³	0.908	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
179601-23-1	**p- & m- Xylenes**	**19.3**		ug/m³	1.82	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
622-96-8	*** p-Ethyltoluene**	**2.06**		ug/m³	1.03	2.091	EPA TO-15 Certifications:	12/18/2022 11:59	12/20/2022 17:13	LLJ
115-07-1	* Propylene	ND		ug/m³	0.360	2.091	EPA TO-15 Certifications:	12/18/2022 11:59	12/20/2022 17:13	LLJ
100-42-5	**Styrene**	**0.891**		ug/m³	0.891	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
127-18-4	**Tetrachloroethylene**	**50.3**		ug/m³	1.42	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.23	2.091	EPA TO-15 Certifications:	12/18/2022 11:59	12/20/2022 17:13	LLJ
108-88-3	**Toluene**	**3.31**		ug/m³	0.788	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
156-60-5	**trans-1,2-Dichloroethylene**	**2.65**		ug/m³	0.829	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.949	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
79-01-6	**Trichloroethylene**	**28.4**		ug/m³	0.281	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.64**		ug/m³	1.17	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	0.736	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	0.915	2.091	EPA TO-15 Certifications:	12/18/2022 11:59 NELAC-NY12058,NJDEP-Queens	12/20/2022 17:13	LLJ

Sample Information

Client Sample ID: **MP-8** **York Sample ID:** **22L0627-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.267	2.091	EPA TO-15	12/18/2022 11:59	12/20/2022 17:13	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-9 **York Sample ID:** 22L0627-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.77	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**12.3**		ug/m³	1.40	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.77	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**7.29**		ug/m³	1.97	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.40	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.04	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.510	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.91	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.26	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.98	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.55	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.04	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.19	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.80	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.26	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.71	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.55	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.19	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.55	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.85	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	2-Butanone	ND		ug/m³	0.759	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	2.11	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:			

Sample Information

Client Sample ID: **MP-9** **York Sample ID:** **22L0627-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	4.03	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.05	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**3.48**		ug/m³	1.22	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.558	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.822	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.33	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.72	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	2.66	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.999	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.801	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.405	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	1.18	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.679	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**4.65**		ug/m³	1.26	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.531	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**29.8**		ug/m³	0.510	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.17	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.885	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	2.19	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**3.43**		ug/m³	1.27	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.85	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	1.12	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-9 **York Sample ID:** 22L0627-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.74	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**15.9**		ug/m³	1.26	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	1.05	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.927	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.79	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	1.05	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	0.907	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	1.12	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	2.23	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.26	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.443	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	1.10	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**542**		ug/m³	1.74	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.52	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:			
108-88-3	Toluene	ND		ug/m³	0.969	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**22.3**		ug/m³	1.02	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.17	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**213**		ug/m³	0.346	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**17.3**		ug/m³	1.45	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.906	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	1.13	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.329	2.572	EPA TO-15	12/18/2022 12:00	12/19/2022 15:35	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-9** **York Sample ID:** **22L0627-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

Sample Information

Client Sample ID: MP-10 **York Sample ID:** 22L0627-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.51	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**9.75**		ug/m³	1.20	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.51	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**26.5**		ug/m³	1.69	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.20	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.893	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**12.6**		ug/m³	0.437	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.64	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**4.55**		ug/m³	1.08	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.69	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.33	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.893	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.02	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.54	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.08**		ug/m³	1.08	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.46	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**3.05**		ug/m³	1.33	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.02	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.33	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.59	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.17**		ug/m³	0.651	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.81	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:			

Sample Information

Client Sample ID: **MP-10** **York Sample ID:** **22L0627-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	3.45	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.904	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**5.19**		ug/m³	1.05	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.479	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.705	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.14	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.48	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	2.28	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.857	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.687	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.347	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	1.02	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.582	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**11.8**		ug/m³	1.08	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.456	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**3.32**		ug/m³	0.437	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.00	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.759	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.88	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**5.89**		ug/m³	1.09	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.59	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**6.90**		ug/m³	0.958	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-10 **York Sample ID:** 22L0627-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.35	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**72.4**		ug/m³	1.08	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.903	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.795	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.53	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**1.99**		ug/m³	0.904	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.855**		ug/m³	0.778	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**11.2**		ug/m³	0.958	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**23.3**		ug/m³	1.92	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**3.69**		ug/m³	1.08	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.380	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:			
100-42-5	**Styrene**	**1.50**		ug/m³	0.940	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**99.3**		ug/m³	1.50	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.30	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:			
108-88-3	**Toluene**	**5.49**		ug/m³	0.831	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**1.49**		ug/m³	0.875	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.00	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**41.6**		ug/m³	0.296	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**4.21**		ug/m³	1.24	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.777	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.965	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.282	2.206	EPA TO-15	12/18/2022 12:00	12/19/2022 16:38	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-10** **York Sample ID:** **22L0627-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

Sample Information

Client Sample ID: **MP-11** **York Sample ID:** **22L0627-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.43	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**1.13**		ug/m³	1.13	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.43	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**2.23**		ug/m³	1.59	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.13	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.842	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**281**		ug/m³	0.412	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.54	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.02	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.60	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.25	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.842	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.961	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	**1,2-Dichlorotetrafluoroethane**	**3.64**		ug/m³	1.45	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.02	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.38	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.25	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.961	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.25	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.50	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**33.2**		ug/m³	0.613	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.70	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:			

Sample Information

Client Sample ID: MP-11 **York Sample ID:** 22L0627-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	3.26	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**3.58**		ug/m³	0.852	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	Acetone	ND		ug/m³	0.988	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.451	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.664	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.08	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.39	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	2.15	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.808	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.648	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.327	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.958	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.549	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	1.02	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.76**		ug/m³	0.430	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**2.23**		ug/m³	0.412	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.944	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.07**		ug/m³	0.716	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	**Dibromochloromethane**	**490**		ug/m³	1.77	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**3.50**		ug/m³	1.03	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.50	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.994**		ug/m³	0.903	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-11 **York Sample ID:** 22L0627-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.22	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**15800**	TO-IPA, E	ug/m³	1.02	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.852	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.750	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.45	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.853	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	0.733	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.08**		ug/m³	0.903	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**3.07**		ug/m³	1.81	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.02	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:			
115-07-1	*** Propylene**	**2.08**		ug/m³	0.358	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.886	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**579**		ug/m³	1.41	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.23	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:			
108-88-3	**Toluene**	**2.19**		ug/m³	0.784	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**1.57**		ug/m³	0.825	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	**trans-1,3-Dichloropropylene**	**1.23**		ug/m³	0.944	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**42.3**		ug/m³	0.279	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**4.44**		ug/m³	1.17	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.732	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.910	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.266	2.08	EPA TO-15	12/18/2022 12:00	12/19/2022 17:41	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-11** **York Sample ID:** **22L0627-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0627	BAE2202 SSVM Closure	Soil Vapor	December 9, 2022 3:40 pm	12/09/2022

Analytical Batch Summary

Batch ID: BL21048 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
22L0627-01	OA-1	12/18/22
22L0627-02	OA-2	12/18/22
22L0627-03	IA-1	12/18/22
22L0627-04	IA-2	12/18/22
22L0627-05	IA-3	12/18/22
22L0627-06	IA-4	12/18/22
22L0627-07	MP-1	12/18/22
22L0627-08	MP-2	12/18/22
22L0627-09	MP-3	12/18/22
22L0627-10	MP-4	12/18/22
22L0627-11	MP-5	12/18/22
22L0627-12	MP-6	12/18/22
22L0627-13	MP-7	12/18/22
BL21048-BLK1	Blank	12/18/22
BL21048-BS1	LCS	12/18/22
BL21048-DUP1	Duplicate	12/18/22

Batch ID: BL21052 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
22L0627-15	MP-9	12/18/22
22L0627-16	MP-10	12/18/22
22L0627-17	MP-11	12/18/22
BL21052-BLK1	Blank	12/18/22
BL21052-BS1	LCS	12/18/22
BL21052-DUP1	Duplicate	12/18/22

Batch ID: BL21170 **Preparation Method:** EPA TO15 PREP **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
22L0627-14	MP-8	12/18/22
BL21170-BLK1	Blank	12/20/22
BL21170-BS1	LCS	12/20/22

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21048 - EPA TO15 PREP											
Blank (BL21048-BLK1)											
Prepared & Analyzed: 12/18/2022											
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	1.03	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21048 - EPA TO15 PREP											
Blank (BL21048-BLK1)											Prepared & Analyzed: 12/18/2022
n-Hexane	ND	0.352	ug/m³								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BL21048-BS1)											Prepared & Analyzed: 12/18/2022
1,1,1,2-Tetrachloroethane	8.04		ppbv	10.0		80.4	70-130				
1,1,1-Trichloroethane	7.92		"	10.0		79.2	70-130				
1,1,2,2-Tetrachloroethane	8.51		"	10.0		85.1	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.60		"	10.0		76.0	70-130				
1,1,2-Trichloroethane	8.27		"	10.0		82.7	70-130				
1,1-Dichloroethane	7.32		"	10.0		73.2	70-130				
1,1-Dichloroethylene	9.51		"	10.0		95.1	70-130				
1,2,4-Trichlorobenzene	9.66		"	10.0		96.6	70-130				
1,2,4-Trimethylbenzene	8.91		"	10.0		89.1	70-130				
1,2-Dibromoethane	8.17		"	10.0		81.7	70-130				
1,2-Dichlorobenzene	8.87		"	10.0		88.7	70-130				
1,2-Dichloroethane	7.71		"	10.0		77.1	70-130				
1,2-Dichloropropane	7.97		"	10.0		79.7	70-130				
1,2-Dichlorotetrafluoroethane	9.72		"	10.0		97.2	70-130				
1,3,5-Trimethylbenzene	8.83		"	10.0		88.3	70-130				
1,3-Butadiene	9.41		"	10.0		94.1	70-130				
1,3-Dichlorobenzene	9.14		"	10.0		91.4	70-130				
1,3-Dichloropropane	7.85		"	10.0		78.5	70-130				
1,4-Dichlorobenzene	9.20		"	10.0		92.0	70-130				
1,4-Dioxane	8.20		"	10.0		82.0	70-130				
2-Butanone	7.67		"	10.0		76.7	70-130				
2-Hexanone	9.44		"	10.0		94.4	70-130				
3-Chloropropene	7.94		"	10.0		79.4	70-130				
4-Methyl-2-pentanone	8.12		"	10.0		81.2	70-130				
Acetone	9.66		"	10.0		96.6	70-130				
Acrylonitrile	7.99		"	10.0		79.9	70-130				
Benzene	8.07		"	10.0		80.7	70-130				
Benzyl chloride	8.99		"	10.0		89.9	70-130				
Bromodichloromethane	8.06		"	10.0		80.6	70-130				
Bromoform	9.02		"	10.0		90.2	70-130				
Bromomethane	9.65		"	10.0		96.5	70-130				
Carbon disulfide	7.32		"	10.0		73.2	70-130				
Carbon tetrachloride	10.1		"	10.0		101	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21048 - EPA TO15 PREP											
LCS (BL21048-BS1)								Prepared & Analyzed: 12/18/2022			
Chlorobenzene	7.68		ppbv	10.0		76.8	70-130				
Chloroethane	9.66		"	10.0		96.6	70-130				
Chloroform	7.70		"	10.0		77.0	70-130				
Chloromethane	9.06		"	10.0		90.6	70-130				
cis-1,2-Dichloroethylene	9.61		"	10.0		96.1	70-130				
cis-1,3-Dichloropropylene	8.48		"	10.0		84.8	70-130				
Cyclohexane	7.96		"	10.0		79.6	70-130				
Dibromochloromethane	8.21		"	10.0		82.1	70-130				
Dichlorodifluoromethane	7.39		"	10.0		73.9	70-130				
Ethyl acetate	7.94		"	10.0		79.4	70-130				
Ethyl Benzene	8.10		"	10.0		81.0	70-130				
Hexachlorobutadiene	6.81		"	10.0		68.1	70-130	Low Bias			
Isopropanol	9.75		"	10.0		97.5	70-130				
Methyl Methacrylate	8.65		"	10.0		86.5	70-130				
Methyl tert-butyl ether (MTBE)	8.01		"	10.0		80.1	70-130				
Methylene chloride	9.62		"	10.0		96.2	70-130				
n-Heptane	8.64		"	10.0		86.4	70-130				
n-Hexane	8.04		"	10.0		80.4	70-130				
o-Xylene	8.79		"	10.0		87.9	70-130				
p- & m- Xylenes	17.6		"	20.0		87.8	70-130				
p-Ethyltoluene	8.82		"	10.0		88.2	70-130				
Propylene	7.41		"	10.0		74.1	70-130				
Styrene	9.62		"	10.0		96.2	70-130				
Tetrachloroethylene	7.62		"	10.0		76.2	70-130				
Tetrahydrofuran	7.66		"	10.0		76.6	70-130				
Toluene	7.67		"	10.0		76.7	70-130				
trans-1,2-Dichloroethylene	7.70		"	10.0		77.0	70-130				
trans-1,3-Dichloropropylene	8.78		"	10.0		87.8	70-130				
Trichloroethylene	9.22		"	10.0		92.2	70-130				
Trichlorofluoromethane (Freon 11)	7.49		"	10.0		74.9	70-130				
Vinyl acetate	7.94		"	10.0		79.4	70-130				
Vinyl bromide	7.86		"	10.0		78.6	70-130				
Vinyl Chloride	9.68		"	10.0		96.8	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21048 - EPA TO15 PREP											
Duplicate (BL21048-DUP1)	*Source sample: 22L0627-13 (MP-7)								Prepared: 12/18/2022 Analyzed: 12/20/2022		
1,1,1,2-Tetrachloroethane	ND	6.12	ug/m³		ND					25	
1,1,1-Trichloroethane	15.1	4.86	"		14.1				6.67	25	
1,1,2,2-Tetrachloroethane	ND	6.12	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	6.83	"		ND					25	
1,1,2-Trichloroethane	ND	4.86	"		ND					25	
1,1-Dichloroethane	ND	3.61	"		ND					25	
1,1-Dichloroethylene	ND	1.77	"		ND					25	
1,2,4-Trichlorobenzene	ND	6.61	"		ND					25	
1,2,4-Trimethylbenzene	3.07	4.38	"		ND					25	
1,2-Dibromoethane	ND	6.85	"		ND					25	
1,2-Dichlorobenzene	ND	5.36	"		ND					25	
1,2-Dichloroethane	ND	3.61	"		ND					25	
1,2-Dichloropropane	ND	4.12	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	6.23	"		ND					25	
1,3,5-Trimethylbenzene	ND	4.38	"		ND					25	
1,3-Butadiene	ND	5.91	"		ND					25	
1,3-Dichlorobenzene	ND	5.36	"		ND					25	
1,3-Dichloropropane	ND	4.12	"		ND					25	
1,4-Dichlorobenzene	ND	5.36	"		ND					25	
1,4-Dioxane	ND	6.42	"		ND					25	
2-Butanone	191	2.63	"		178				6.70	25	
2-Hexanone	50.4	7.30	"		46.0				9.09	25	
3-Chloropropene	ND	13.9	"		ND					25	
4-Methyl-2-pentanone	12.8	3.65	"		11.7				8.96	25	
Acetone	624	4.23	"		603				3.35	25	
Acrylonitrile	ND	1.93	"		ND					25	
Benzene	5.12	2.85	"		4.84				5.71	25	
Benzyl chloride	ND	4.61	"		ND					25	
Bromodichloromethane	ND	5.97	"		ND					25	
Bromoform	ND	9.21	"		ND					25	
Bromomethane	ND	3.46	"		ND					25	
Carbon disulfide	ND	2.78	"		ND					25	
Carbon tetrachloride	ND	1.40	"		ND					25	
Chlorobenzene	ND	4.10	"		ND					25	
Chloroethane	ND	2.35	"		ND					25	
Chloroform	ND	4.35	"		ND					25	
Chloromethane	1.29	1.84	"		2.02				44.4	25	Non-dir.
cis-1,2-Dichloroethylene	ND	1.77	"		ND					25	
cis-1,3-Dichloropropylene	ND	4.04	"		ND					25	
Cyclohexane	ND	3.07	"		ND					25	
Dibromochloromethane	ND	7.59	"		ND					25	
Dichlorodifluoromethane	ND	4.41	"		ND					25	
Ethyl acetate	ND	6.42	"		ND					25	
Ethyl Benzene	3.48	3.87	"		3.10				11.8	25	
Hexachlorobutadiene	ND	9.50	"		ND					25	
Isopropanol	204	4.38	"		188				8.38	25	
Methyl Methacrylate	ND	3.65	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	3.21	"		ND					25	
Methylene chloride	2.79	6.19	"		2.79				0.00	25	
n-Heptane	4.38	3.65	"		4.02				8.70	25	
n-Hexane	2.51	3.14	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21048 - EPA TO15 PREP											
Duplicate (BL21048-DUP1)	*Source sample: 22L0627-13 (MP-7)								Prepared: 12/18/2022 Analyzed: 12/20/2022		
o-Xylene	4.64	3.87	ug/m³		4.26				8.70	25	
p- & m- Xylenes	10.4	7.74	"		9.29				11.8	25	
p-Ethyltoluene	ND	4.38	"		ND					25	
Propylene	17.8	1.53	"		18.3				2.55	25	
Styrene	ND	3.80	"		ND					25	
Tetrachloroethylene	152	6.04	"		145				4.88	25	
Tetrahydrofuran	2.37	5.26	"		ND					25	
Toluene	4.03	3.36	"		3.69				8.70	25	
trans-1,2-Dichloroethylene	ND	3.53	"		ND					25	
trans-1,3-Dichloropropylene	ND	4.04	"		ND					25	
Trichloroethylene	25.4	1.20	"		25.4				0.00	25	
Trichlorofluoromethane (Freon 11)	4.51	5.01	"		4.51				0.00	25	
Vinyl acetate	ND	3.14	"		ND					25	
Vinyl bromide	ND	3.90	"		ND					25	
Vinyl Chloride	ND	1.14	"		ND					25	
Batch BL21052 - EPA TO15 PREP											
Blank (BL21052-BLK1)									Prepared & Analyzed: 12/18/2022		
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21052 - EPA TO15 PREP											
Blank (BL21052-BLK1)											
Prepared & Analyzed: 12/18/2022											
Carbon tetrachloride	ND	0.157	ug/m³								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	ND	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								
n-Hexane	ND	0.352	"								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21052 - EPA TO15 PREP											
LCS (BL21052-BS1)								Prepared & Analyzed: 12/18/2022			
1,1,1,2-Tetrachloroethane	8.53		ppbv	10.0		85.3	70-130				
1,1,1-Trichloroethane	9.76		"	10.0		97.6	70-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-130				
1,1,2-Trichloroethane	8.98		"	10.0		89.8	70-130				
1,1-Dichloroethane	9.61		"	10.0		96.1	70-130				
1,1-Dichloroethylene	10.1		"	10.0		101	70-130				
1,2,4-Trichlorobenzene	8.12		"	10.0		81.2	70-130				
1,2,4-Trimethylbenzene	8.48		"	10.0		84.8	70-130				
1,2-Dibromoethane	9.15		"	10.0		91.5	70-130				
1,2-Dichlorobenzene	9.28		"	10.0		92.8	70-130				
1,2-Dichloroethane	9.70		"	10.0		97.0	70-130				
1,2-Dichloropropane	9.95		"	10.0		99.5	70-130				
1,2-Dichlorotetrafluoroethane	11.3		"	10.0		113	70-130				
1,3,5-Trimethylbenzene	7.90		"	10.0		79.0	70-130				
1,3-Butadiene	10.1		"	10.0		101	70-130				
1,3-Dichlorobenzene	9.30		"	10.0		93.0	70-130				
1,3-Dichloropropane	8.74		"	10.0		87.4	70-130				
1,4-Dichlorobenzene	9.07		"	10.0		90.7	70-130				
1,4-Dioxane	9.71		"	10.0		97.1	70-130				
2-Butanone	9.60		"	10.0		96.0	70-130				
2-Hexanone	8.93		"	10.0		89.3	70-130				
3-Chloropropene	8.25		"	10.0		82.5	70-130				
4-Methyl-2-pentanone	8.42		"	10.0		84.2	70-130				
Acetone	10.0		"	10.0		100	70-130				
Acrylonitrile	8.58		"	10.0		85.8	70-130				
Benzene	9.25		"	10.0		92.5	70-130				
Benzyl chloride	9.88		"	10.0		98.8	70-130				
Bromodichloromethane	9.43		"	10.0		94.3	70-130				
Bromoform	10.4		"	10.0		104	70-130				
Bromomethane	11.8		"	10.0		118	70-130				
Carbon disulfide	8.16		"	10.0		81.6	70-130				
Carbon tetrachloride	10.7		"	10.0		107	70-130				
Chlorobenzene	9.85		"	10.0		98.5	70-130				
Chloroethane	10.3		"	10.0		103	70-130				
Chloroform	8.23		"	10.0		82.3	70-130				
Chloromethane	10.2		"	10.0		102	70-130				
cis-1,2-Dichloroethylene	9.18		"	10.0		91.8	70-130				
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	70-130				
Cyclohexane	9.55		"	10.0		95.5	70-130				
Dibromochloromethane	10.6		"	10.0		106	70-130				
Dichlorodifluoromethane	11.4		"	10.0		114	70-130				
Ethyl acetate	8.19		"	10.0		81.9	70-130				
Ethyl Benzene	9.93		"	10.0		99.3	70-130				
Hexachlorobutadiene	9.04		"	10.0		90.4	70-130				
Isopropanol	9.76		"	10.0		97.6	70-130				
Methyl Methacrylate	8.39		"	10.0		83.9	70-130				
Methyl tert-butyl ether (MTBE)	7.94		"	10.0		79.4	70-130				
Methylene chloride	10.3		"	10.0		103	70-130				
n-Heptane	7.86		"	10.0		78.6	70-130				
n-Hexane	9.74		"	10.0		97.4	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21052 - EPA TO15 PREP											
LCS (BL21052-BS1)								Prepared & Analyzed: 12/18/2022			
o-Xylene	9.54		ppbv	10.0		95.4	70-130				
p- & m- Xylenes	18.7		"	20.0		93.3	70-130				
p-Ethyltoluene	8.48		"	10.0		84.8	70-130				
Propylene	11.3		"	10.0		113	70-130				
Styrene	8.77		"	10.0		87.7	70-130				
Tetrachloroethylene	10.0		"	10.0		100	70-130				
Tetrahydrofuran	9.58		"	10.0		95.8	70-130				
Toluene	8.34		"	10.0		83.4	70-130				
trans-1,2-Dichloroethylene	9.68		"	10.0		96.8	70-130				
trans-1,3-Dichloropropylene	9.60		"	10.0		96.0	70-130				
Trichloroethylene	9.39		"	10.0		93.9	70-130				
Trichlorofluoromethane (Freon 11)	10.7		"	10.0		107	70-130				
Vinyl acetate	8.15		"	10.0		81.5	70-130				
Vinyl bromide	10.6		"	10.0		106	70-130				
Vinyl Chloride	10.3		"	10.0		103	70-130				
Duplicate (BL21052-DUP1)	*Source sample: 22L0717-03 (Duplicate)							Prepared: 12/18/2022 Analyzed: 12/20/2022			
1,1,1,2-Tetrachloroethane	ND	0.967	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.769	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.967	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.08	"		ND					25	
1,1,2-Trichloroethane	ND	0.769	"		ND					25	
1,1-Dichloroethane	ND	0.570	"		ND					25	
1,1-Dichloroethylene	ND	0.279	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.05	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.693	"		ND					25	
1,2-Dibromoethane	ND	1.08	"		ND					25	
1,2-Dichlorobenzene	ND	0.847	"		ND					25	
1,2-Dichloroethane	ND	0.570	"		ND					25	
1,2-Dichloropropane	ND	0.651	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.985	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.693	"		ND					25	
1,3-Butadiene	ND	0.935	"		ND					25	
1,3-Dichlorobenzene	ND	0.847	"		ND					25	
1,3-Dichloropropane	ND	0.651	"		ND					25	
1,4-Dichlorobenzene	ND	0.847	"		ND					25	
1,4-Dioxane	ND	1.02	"		ND					25	
2-Butanone	1.33	0.416	"		1.33				0.00	25	
2-Hexanone	ND	1.15	"		ND					25	
3-Chloropropene	ND	2.21	"		ND					25	
4-Methyl-2-pentanone	ND	0.577	"		ND					25	
Acetone	35.4	0.669	"		34.3				3.17	25	
Acrylonitrile	ND	0.306	"		ND					25	
Benzene	0.945	0.450	"		ND					25	
Benzyl chloride	ND	0.729	"		ND					25	
Bromodichloromethane	ND	0.944	"		ND					25	
Bromoform	ND	1.46	"		ND					25	
Bromomethane	ND	0.547	"		ND					25	
Carbon disulfide	2.50	0.439	"		2.46				1.77	25	
Carbon tetrachloride	ND	0.222	"		ND					25	
Chlorobenzene	ND	0.649	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21052 - EPA TO15 PREP											
Duplicate (BL21052-DUP1)	*Source sample: 22L0717-03 (Duplicate)								Prepared: 12/18/2022 Analyzed: 12/20/2022		
Chloroethane	ND	0.372	ug/m³		ND					25	
Chloroform	ND	0.688	"		ND					25	
Chloromethane	0.320	0.291	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.279	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.639	"		ND					25	
Cyclohexane	ND	0.485	"		ND					25	
Dibromochloromethane	ND	1.20	"		ND					25	
Dichlorodifluoromethane	2.23	0.697	"		2.30				3.08	25	
Ethyl acetate	ND	1.02	"		ND					25	
Ethyl Benzene	ND	0.612	"		ND					25	
Hexachlorobutadiene	ND	1.50	"		ND					25	
Isopropanol	8.14	0.693	"		7.69				5.69	25	
Methyl Methacrylate	ND	0.577	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.508	"		ND					25	
Methylene chloride	1.17	0.979	"		1.17				0.00	25	
n-Heptane	ND	0.577	"		ND					25	
n-Hexane	0.646	0.497	"		0.497				26.1	25	Non-dir.
o-Xylene	0.184	0.612	"		0.184				0.00	25	
p- & m- Xylenes	ND	1.22	"		ND					25	
p-Ethyltoluene	ND	0.693	"		ND					25	
Propylene	1.62	0.242	"		1.58				3.03	25	
Styrene	ND	0.600	"		ND					25	
Tetrachloroethylene	72.3	0.956	"		73.6				1.70	25	
Tetrahydrofuran	0.416	0.831	"		ND					25	
Toluene	1.75	0.531	"		1.65				6.25	25	
trans-1,2-Dichloroethylene	ND	0.559	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.639	"		ND					25	
Trichloroethylene	ND	0.189	"		ND					25	
Trichlorofluoromethane (Freon 11)	12.7	0.792	"		13.5				6.06	25	
Vinyl acetate	ND	0.496	"		ND					25	
Vinyl bromide	ND	0.616	"		ND					25	
Vinyl Chloride	ND	0.180	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21170 - EPA TO15 PREP											
Blank (BL21170-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	1.23	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								
n-Hexane	ND	0.352	"								

Prepared & Analyzed: 12/20/2022

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21170 - EPA TO15 PREP											
Blank (BL21170-BLK1)								Prepared & Analyzed: 12/20/2022			
o-Xylene	ND	0.434	ug/m³								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BL21170-BS1)								Prepared & Analyzed: 12/20/2022			
1,1,1,2-Tetrachloroethane	7.69		ppbv	10.0		76.9	70-130				
1,1,1-Trichloroethane	7.50		"	10.0		75.0	70-130				
1,1,2,2-Tetrachloroethane	8.05		"	10.0		80.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.22		"	10.0		72.2	70-130				
1,1,2-Trichloroethane	7.77		"	10.0		77.7	70-130				
1,1-Dichloroethane	6.91		"	10.0		69.1	70-130	Low Bias			
1,1-Dichloroethylene	8.97		"	10.0		89.7	70-130				
1,2,4-Trichlorobenzene	9.99		"	10.0		99.9	70-130				
1,2,4-Trimethylbenzene	8.43		"	10.0		84.3	70-130				
1,2-Dibromoethane	7.66		"	10.0		76.6	70-130				
1,2-Dichlorobenzene	8.64		"	10.0		86.4	70-130				
1,2-Dichloroethane	7.24		"	10.0		72.4	70-130				
1,2-Dichloropropane	7.42		"	10.0		74.2	70-130				
1,2-Dichlorotetrafluoroethane	9.80		"	10.0		98.0	70-130				
1,3,5-Trimethylbenzene	8.38		"	10.0		83.8	70-130				
1,3-Butadiene	9.67		"	10.0		96.7	70-130				
1,3-Dichlorobenzene	8.78		"	10.0		87.8	70-130				
1,3-Dichloropropane	7.34		"	10.0		73.4	70-130				
1,4-Dichlorobenzene	8.87		"	10.0		88.7	70-130				
1,4-Dioxane	7.67		"	10.0		76.7	70-130				
2-Butanone	7.22		"	10.0		72.2	70-130				
2-Hexanone	8.82		"	10.0		88.2	70-130				
3-Chloropropene	7.47		"	10.0		74.7	70-130				
4-Methyl-2-pentanone	7.49		"	10.0		74.9	70-130				
Acetone	9.09		"	10.0		90.9	70-130				
Acrylonitrile	7.55		"	10.0		75.5	70-130				
Benzene	7.64		"	10.0		76.4	70-130				
Benzyl chloride	8.93		"	10.0		89.3	70-130				
Bromodichloromethane	7.56		"	10.0		75.6	70-130				
Bromoform	8.66		"	10.0		86.6	70-130				
Bromomethane	9.70		"	10.0		97.0	70-130				
Carbon disulfide	6.96		"	10.0		69.6	70-130	Low Bias			
Carbon tetrachloride	9.59		"	10.0		95.9	70-130				
Chlorobenzene	7.31		"	10.0		73.1	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21170 - EPA TO15 PREP											
LCS (BL21170-BS1)								Prepared & Analyzed: 12/20/2022			
Chloroethane	9.39		ppbv	10.0		93.9	70-130				
Chloroform	7.29		"	10.0		72.9	70-130				
Chloromethane	9.23		"	10.0		92.3	70-130				
cis-1,2-Dichloroethylene	9.06		"	10.0		90.6	70-130				
cis-1,3-Dichloropropylene	7.91		"	10.0		79.1	70-130				
Cyclohexane	7.44		"	10.0		74.4	70-130				
Dibromochloromethane	7.74		"	10.0		77.4	70-130				
Dichlorodifluoromethane	7.20		"	10.0		72.0	70-130				
Ethyl acetate	7.48		"	10.0		74.8	70-130				
Ethyl Benzene	7.68		"	10.0		76.8	70-130				
Hexachlorobutadiene	6.61		"	10.0		66.1	70-130	Low Bias			
Isopropanol	9.35		"	10.0		93.5	70-130				
Methyl Methacrylate	8.08		"	10.0		80.8	70-130				
Methyl tert-butyl ether (MTBE)	7.50		"	10.0		75.0	70-130				
Methylene chloride	9.10		"	10.0		91.0	70-130				
n-Heptane	8.14		"	10.0		81.4	70-130				
n-Hexane	7.50		"	10.0		75.0	70-130				
o-Xylene	8.30		"	10.0		83.0	70-130				
p- & m- Xylenes	16.6		"	20.0		82.8	70-130				
p-Ethyltoluene	8.36		"	10.0		83.6	70-130				
Propylene	7.15		"	10.0		71.5	70-130				
Styrene	9.13		"	10.0		91.3	70-130				
Tetrachloroethylene	7.19		"	10.0		71.9	70-130				
Tetrahydrofuran	7.25		"	10.0		72.5	70-130				
Toluene	7.21		"	10.0		72.1	70-130				
trans-1,2-Dichloroethylene	7.30		"	10.0		73.0	70-130				
trans-1,3-Dichloropropylene	8.22		"	10.0		82.2	70-130				
Trichloroethylene	8.62		"	10.0		86.2	70-130				
Trichlorofluoromethane (Freon 11)	7.21		"	10.0		72.1	70-130				
Vinyl acetate	7.62		"	10.0		76.2	70-130				
Vinyl bromide	7.57		"	10.0		75.7	70-130				
Vinyl Chloride	9.88		"	10.0		98.8	70-130				

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No. 224627

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 6030 Johnson Ave Ste 7 Bohemia NY 11716	Address: same	Address: same
Phone.: 631 589 6353	Phone.:	Phone.:
Contact: Ashley Monti	Contact: Usman Chaudhry	Contact:
E-mail: amonti@pwgrosser.com	E-mail: uchaudhry@pwgrosser.com	E-mail: ap@pwgrosser.com

YOUR Project Number: BAE2202

YOUR Project Name: SSVM closure

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Ashley Monti

Samples Collected by: (print your name above and sign below)

Ashley Monti

Air Matrix Codes

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
OA-1	12/9/22	outdoor air	-30.61	-6.97	43004	5613	TO-15 SIM
OA-2		↓	-29.67	-6.86	37797	5611	
IA-1		indoor air	-29.59	-7.94	36469	6873	
IA-2			-29.88	-8.54	37388	1782	
IA-3			-28.85	-6.51	18309	17177	
IA-4		↓	-28.55	-10.04	23989	17190	↓
MP-1		sub slab	-29.97	-0.11	23991	7084	TO-15
MP-2			-29.85	-10.72	37013	5417	
MP-3			-29.92	-12.89	16144	6863	
MP-4	↓	↓	-29.76	-11.40	37382	1290	↓

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media

6 Liter Canister	X
Tedlar Bag	

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Ashley Monti	12/9/22 1540	Andrew S Yuk	12/9/22 1540	Andrew S Yuk	12/9/22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				Adamy Canals	12/9/22 19:30

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
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www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2206627

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 Johnson Ave Ste 7 Bohemia NY 11716	Address: same	Address: same
Phone.: 631 589 6353	Phone.:	Phone.:
Contact: Ashley Monti	Contact: Usman Chaudhry	Contact:
E-mail: amonti@pwgrosser.com	E-mail: uchaudhry@pwgrosser.com	E-mail: ap@pwgrosser.com

YOUR Project Number: BA22202

YOUR Project Name: SSVM closure

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)

Ashley Monti

Ashley Monti

Air Matrix Codes

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
MP-5	12/9/22	AS	-29.82	-10.11	42989	12183	TO-15
MP-6			-29.96	-10.66	10014	6880	
MP-7			-29.99	-11.75	18303	Y-47	
MP-8			-29.84	-10.77	42994	6879	
MP-9			-29.85	-11.80	23200	1284	
MP-10			-29.91	-11.68	34502	17185	
MP-11			-30.17	-0.84	24117	6869	

AW

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media

6 Liter Canister	X
Tedlar Bag	

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Ashley Monti	12/9/22 1540	Andrew S York	12/9/22 1540	Andrew S York	12/9/22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				Adenny Camilo	12/9/22 19:30

Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Usman Chaudhry

Report Date: 04/20/2023
Client Project ID: BAE2202
York Project (SDG) No.: 23D0026

Revision No. 2.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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Report Date: 04/20/2023
Client Project ID: BAE2202
York Project (SDG) No.: 23D0026

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Usman Chaudhry

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 03, 2023 and listed below. The project was identified as your project: **BAE2202**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23D0026-01	MP-1	Soil Vapor	03/31/2023	04/03/2023
23D0026-02	MP-2	Soil Vapor	03/31/2023	04/03/2023
23D0026-03	MP-3	Soil Vapor	03/31/2023	04/03/2023
23D0026-04	MP-4	Soil Vapor	03/31/2023	04/03/2023
23D0026-05	MP-5	Soil Vapor	03/31/2023	04/03/2023
23D0026-06	MP-6	Soil Vapor	03/31/2023	04/03/2023
23D0026-07	MP-7	Soil Vapor	03/31/2023	04/03/2023
23D0026-08	MP-8	Soil Vapor	03/31/2023	04/03/2023
23D0026-09	MP-9	Soil Vapor	03/31/2023	04/03/2023
23D0026-10	MP-10	Soil Vapor	03/31/2023	04/03/2023
23D0026-11	MP-11	Soil Vapor	03/31/2023	04/03/2023
23D0026-12	IA001	Indoor Ambient Air	03/31/2023	04/03/2023
23D0026-13	IA002	Indoor Ambient Air	03/31/2023	04/03/2023
23D0026-14	IA003	Indoor Ambient Air	03/31/2023	04/03/2023
23D0026-15	IA004	Indoor Ambient Air	03/31/2023	04/03/2023
23D0026-16	OA001	Outdoor Ambient Ai	03/31/2023	04/03/2023
23D0026-17	Dup001	Indoor Ambient Air	03/31/2023	04/03/2023

General Notes for York Project (SDG) No.: 23D0026

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 04/20/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MP-1** **York Sample ID:** **23D0026-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 7:06 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.25	1.826	EPA TO-15 Certifications:	04/11/2023 11:00	04/11/2023 18:38	VH
71-55-6	**1,1,1-Trichloroethane**	**24.3**		ug/m³	0.996	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.25	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.40	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.996	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.739	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.362	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.36	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
95-63-6	**1,2,4-Trimethylbenzene**	**3.41**		ug/m³	0.898	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.40	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.10	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.739	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.844	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.28	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
108-67-8	**1,3,5-Trimethylbenzene**	**1.17**		ug/m³	0.898	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.21	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.10	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.844	1.826	EPA TO-15 Certifications:	04/11/2023 11:00	04/11/2023 18:38	VH
106-46-7	**1,4-Dichlorobenzene**	**2.63**		ug/m³	1.10	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.32	1.826	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 18:38	VH

Sample Information

Client Sample ID: MP-1 **York Sample ID:** 23D0026-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 7:06 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**1.78**		ug/m³	0.539	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	1.50	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.86	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.748	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**9.15**		ug/m³	0.868	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.396	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND		ug/m³	0.583	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.945	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.22	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.89	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.709	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.569	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.287	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.841	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.482	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**0.892**		ug/m³	0.892	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.377	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	**cis-1,2-Dichloroethylene**	**2.68**		ug/m³	0.362	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.829	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	0.629	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.56	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.98**		ug/m³	0.903	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **MP-1** **York Sample ID:** **23D0026-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 7:06 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m³	1.32	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**6.42**		ug/m³	0.793	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.95	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**25.4**	B	ug/m³	0.898	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.748	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.658	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**2.47**		ug/m³	1.27	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**2.54**		ug/m³	0.748	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.35**		ug/m³	0.644	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**11.5**		ug/m³	0.793	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**23.3**		ug/m³	1.59	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**3.32**		ug/m³	0.898	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.314	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.778	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**540**		ug/m³	12.4	18.26	EPA TO-15	04/12/2023 12:00	04/13/2023 22:26	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**1.56**		ug/m³	1.08	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:			
108-88-3	**Toluene**	**5.71**		ug/m³	0.688	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**1230**		ug/m³	7.24	18.26	EPA TO-15	04/12/2023 12:00	04/13/2023 22:26	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.829	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**11.5**		ug/m³	0.245	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**17.9**		ug/m³	1.03	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.643	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-1 **York Sample ID:** 23D0026-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 7:06 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.799	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.233	1.826	EPA TO-15	04/11/2023 11:00	04/11/2023 18:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0026-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 7:01 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.11	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**26.8**		ug/m³	0.879	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.11	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**7.53**		ug/m³	1.23	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	**1,1,2-Trichloroethane**	**1.76**		ug/m³	0.879	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.652	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**0.766**		ug/m³	0.319	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.20	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**3.25**		ug/m³	0.792	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.24	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.969	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.652	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.744	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.13	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**0.871**		ug/m³	0.792	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.07	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**2.03**		ug/m³	0.969	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.744	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.969	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	**1,4-Dioxane**	**37.3**		ug/m³	1.16	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.570**		ug/m³	0.475	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0026-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 7:01 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.32	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.52	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.660	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**7.27**		ug/m³	0.765	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.350	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.515	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.834	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.08	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.67	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	**Bromomethane**	**1.31**		ug/m³	0.626	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**4.16**		ug/m³	0.502	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.253	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.742	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.425	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**1.10**		ug/m³	0.787	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**2.99**		ug/m³	0.333	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.703**		ug/m³	0.319	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.731	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.555	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.37	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.87**		ug/m³	0.797	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.16	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:			

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0026-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 7:01 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**2.31**		ug/m³	0.700	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.72	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**12.9**	B	ug/m³	0.792	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.660	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.581	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.85**		ug/m³	1.12	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**2.24**		ug/m³	0.660	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**0.852**		ug/m³	0.568	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**2.87**		ug/m³	0.699	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**6.37**		ug/m³	1.40	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**2.53**		ug/m³	0.792	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.277	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.686	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**155**		ug/m³	1.09	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**2.19**		ug/m³	0.950	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:			
108-88-3	**Toluene**	**5.46**		ug/m³	0.607	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**30.3**		ug/m³	0.639	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.731	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**21.2**		ug/m³	0.216	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**5.61**		ug/m³	0.905	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.567	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.705	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0026-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 7:01 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.206	1.611	EPA TO-15	04/11/2023 11:00	04/11/2023 19:41	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-3** **York Sample ID:** **23D0026-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:53 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.13	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**4.85**		ug/m³	0.898	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.13	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.26	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.898	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.666	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.326	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.22	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**5.34**		ug/m³	0.809	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.26	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.990	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.666	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.761	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.15	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.70**		ug/m³	0.809	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.09	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**3.46**		ug/m³	0.990	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.761	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.990	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.19	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.777**		ug/m³	0.485	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-3 **York Sample ID:** 23D0026-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:53 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.35	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.58	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.674	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**3.60**		ug/m³	0.782	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.357	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.526	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.852	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.10	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.70	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.639	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.513	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.414**		ug/m³	0.259	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.758	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.434	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.804	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.340	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.326	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.747	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.567	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.40	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**5.54**		ug/m³	0.814	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.19	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:			

Sample Information

Client Sample ID: **MP-3** **York Sample ID:** **23D0026-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:53 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**4.72**		ug/m³	0.715	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.76	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**27.6**	B	ug/m³	0.809	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.674	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.593	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.32**		ug/m³	1.14	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**5.33**		ug/m³	0.675	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**2.32**		ug/m³	0.580	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**6.58**		ug/m³	0.715	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**13.7**		ug/m³	1.43	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**5.26**		ug/m³	0.809	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.283	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.701	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**78.9**		ug/m³	1.12	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**1.26**		ug/m³	0.971	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:			
108-88-3	**Toluene**	**8.50**		ug/m³	0.620	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**1.50**		ug/m³	0.653	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.747	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**3.63**		ug/m³	0.221	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**14.6**		ug/m³	0.925	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.580	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.720	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-3 **York Sample ID:** 23D0026-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:53 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.210	1.646	EPA TO-15	04/11/2023 11:00	04/11/2023 20:44	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-4** **York Sample ID:** **23D0026-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:51 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.11	1.616	EPA TO-15 Certifications:	04/11/2023 11:00	04/11/2023 21:47	VH
71-55-6	**1,1,1-Trichloroethane**	**18.3**		ug/m³	0.882	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.11	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**1.73**		ug/m³	1.24	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.882	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.654	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.320	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.20	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
95-63-6	**1,2,4-Trimethylbenzene**	**3.18**		ug/m³	0.794	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.24	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.972	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.654	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.747	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.13	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
108-67-8	**1,3,5-Trimethylbenzene**	**0.874**		ug/m³	0.794	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.07	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
541-73-1	**1,3-Dichlorobenzene**	**2.43**		ug/m³	0.972	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.747	1.616	EPA TO-15 Certifications:	04/11/2023 11:00	04/11/2023 21:47	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.972	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.16	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH
78-93-3	**2-Butanone**	**3.10**		ug/m³	0.477	1.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/11/2023 21:47	VH

Sample Information

Client Sample ID: MP-4 **York Sample ID:** 23D0026-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:51 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* **2-Hexanone**	**1.59**		ug/m³	1.32	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.53	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.662	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**5.53**		ug/m³	0.768	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.351	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.516	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.837	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.08	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.67	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.627	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.503	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.305**		ug/m³	0.254	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.744	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.426	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.789	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.334	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.320	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.733	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.556	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.38	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.72**		ug/m³	0.799	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.16	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:			

Sample Information

Client Sample ID: MP-4 **York Sample ID:** 23D0026-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:51 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**4.14**		ug/m³	0.702	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.72	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**20.7**	B	ug/m³	0.794	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.662	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.583	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**2.08**		ug/m³	1.12	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**2.45**		ug/m³	0.662	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**1.03**		ug/m³	0.570	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**7.44**		ug/m³	0.702	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**14.4**		ug/m³	1.40	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**3.02**		ug/m³	0.794	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.278	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.688	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**550**		ug/m³	4.38	6.464	EPA TO-15	04/12/2023 12:00	04/13/2023 23:14	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.953	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:			
108-88-3	**Toluene**	**4.75**		ug/m³	0.609	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**1.60**		ug/m³	0.641	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.733	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**10.8**		ug/m³	0.217	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**8.35**		ug/m³	0.908	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.569	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.707	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: MP-4 **York Sample ID:** 23D0026-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:51 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.207	1.616	EPA TO-15	04/11/2023 11:00	04/11/2023 21:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-5** **York Sample ID:** **23D0026-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:48 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.03	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**5.07**		ug/m³	0.818	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.03	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**1.72**		ug/m³	1.15	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.818	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.607	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.297	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.11	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**3.09**		ug/m³	0.737	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.15	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.901	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.607	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.693	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.05	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.03**		ug/m³	0.737	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.995	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**2.43**		ug/m³	0.901	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.693	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.901	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.08	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**5.44**		ug/m³	0.442	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-5 **York Sample ID:** 23D0026-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:48 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.23	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.35	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**3.50**		ug/m³	0.614	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**23.0**		ug/m³	0.712	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.325	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.479	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.776	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.00	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.55	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.582	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.467	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.377**		ug/m³	0.236	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.690	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.396	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.732	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.310**		ug/m³	0.310	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.297	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.680	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.516	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.28	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.82**		ug/m³	0.741	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.08	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:			

Sample Information

Client Sample ID: MP-5 **York Sample ID:** 23D0026-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:48 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**2.60**		ug/m³	0.651	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.60	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**146**	B, TO-IPA	ug/m³	0.737	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.614	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.540	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.41**		ug/m³	1.04	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**2.15**		ug/m³	0.614	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**1.00**		ug/m³	0.528	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**3.97**		ug/m³	0.651	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**8.79**		ug/m³	1.30	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**3.10**		ug/m³	0.737	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.258	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.639	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**133**		ug/m³	1.02	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.884	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:			
108-88-3	**Toluene**	**4.69**		ug/m³	0.565	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**3.57**		ug/m³	0.594	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.680	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**10.1**		ug/m³	0.201	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**14.0**		ug/m³	0.842	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.528	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.656	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: MP-5 **York Sample ID:** 23D0026-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:48 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.192	1.499	EPA TO-15	04/11/2023 11:00	04/11/2023 22:50	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-6** **York Sample ID:** **23D0026-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:46 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.27	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**81.4**		ug/m³	1.01	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.27	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**7.07**		ug/m³	1.41	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.01	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	**1,1-Dichloroethane**	**2.84**		ug/m³	0.747	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**0.439**		ug/m³	0.366	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.37	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**2.90**		ug/m³	0.907	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.42	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.11	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.747	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.853	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.29	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.09**		ug/m³	0.907	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.22	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**1.77**		ug/m³	1.11	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.853	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.11	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.33	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.14**		ug/m³	0.544	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-6 **York Sample ID:** 23D0026-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:46 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.51	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.89	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.756	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**5.17**		ug/m³	0.877	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.400	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.943**		ug/m³	0.589	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.955	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.24	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.91	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.716	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.575	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.348**		ug/m³	0.290	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.849	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.487	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**4.32**		ug/m³	0.901	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.533**		ug/m³	0.381	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.732**		ug/m³	0.366	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.837	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.635	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.57	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.65**		ug/m³	0.912	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.33	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:			

Sample Information

Client Sample ID: MP-6 **York Sample ID:** 23D0026-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:46 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**2.64**		ug/m³	0.801	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.97	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**49.1**	B	ug/m³	0.907	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.755	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.665	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**2.95**		ug/m³	1.28	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**2.65**		ug/m³	0.756	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.50**		ug/m³	0.650	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**3.77**		ug/m³	0.801	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**8.65**		ug/m³	1.60	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**2.90**		ug/m³	0.907	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.318	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.786	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**1830**		ug/m³	6.26	9.225	EPA TO-15	04/12/2023 12:00	04/14/2023 10:15	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.09	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:			
108-88-3	**Toluene**	**5.49**		ug/m³	0.695	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**5.05**		ug/m³	0.732	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.837	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**107**		ug/m³	0.248	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**18.8**		ug/m³	1.04	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.650	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.807	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-6 **York Sample ID:** 23D0026-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:46 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.236	1.845	EPA TO-15	04/11/2023 11:00	04/11/2023 23:53	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-7** **York Sample ID:** **23D0026-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:35 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.31	1.901	EPA TO-15 Certifications:	04/11/2023 11:00	04/12/2023 00:56	VH
71-55-6	**1,1,1-Trichloroethane**	**20.8**		ug/m³	1.04	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.31	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**1.46**		ug/m³	1.46	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.04	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.769	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
75-35-4	**1,1-Dichloroethylene**	**0.377**		ug/m³	0.377	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.41	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
95-63-6	**1,2,4-Trimethylbenzene**	**6.54**		ug/m³	0.934	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.46	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.14	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.769	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.878	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.33	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
108-67-8	**1,3,5-Trimethylbenzene**	**1.78**		ug/m³	0.935	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.26	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
541-73-1	**1,3-Dichlorobenzene**	**3.54**		ug/m³	1.14	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.879	1.901	EPA TO-15 Certifications:	04/11/2023 11:00	04/12/2023 00:56	VH
106-46-7	**1,4-Dichlorobenzene**	**1.14**		ug/m³	1.14	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.37	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH
78-93-3	**2-Butanone**	**184**		ug/m³	0.561	1.901	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 00:56	VH

Sample Information

Client Sample ID: MP-7 **York Sample ID:** 23D0026-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:35 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**53.5**		ug/m³	1.56	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.98	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**11.8**		ug/m³	0.779	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**428**	B	ug/m³	9.03	19.01	EPA TO-15	04/12/2023 12:00	04/14/2023 00:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.413	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**7.53**		ug/m³	0.607	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.984	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.27	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.96	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.738	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.592	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.359**		ug/m³	0.299	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.875	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	**Chloroethane**	**1.71**		ug/m³	0.502	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**3.81**		ug/m³	0.928	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.864**		ug/m³	0.393	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.754**		ug/m³	0.377	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.863	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.654	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.62	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.97**		ug/m³	0.940	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.37	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:			

Sample Information

Client Sample ID: MP-7 **York Sample ID:** 23D0026-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:35 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**5.94**		ug/m³	0.825	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.03	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**211**	B, TO-IPA	ug/m³	0.935	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.778	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.685	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.65**		ug/m³	1.32	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.779	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**3.82**		ug/m³	0.670	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**9.49**		ug/m³	0.825	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**19.0**		ug/m³	1.65	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**5.23**		ug/m³	0.935	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.327	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.810	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**226**		ug/m³	1.29	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**2.13**		ug/m³	1.12	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:			
108-88-3	**Toluene**	**8.45**		ug/m³	0.716	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**1.13**		ug/m³	0.754	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.863	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**25.5**		ug/m³	0.255	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**6.73**		ug/m³	1.07	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.669	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.832	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: MP-7 **York Sample ID:** 23D0026-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:35 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.243	1.901	EPA TO-15	04/11/2023 11:00	04/12/2023 00:56	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-8** **York Sample ID:** **23D0026-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:27 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.11	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**2.99**		ug/m³	0.878	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.11	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.23	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.878	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	**1,1-Dichloroethane**	**0.652**		ug/m³	0.652	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**0.702**		ug/m³	0.319	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.19	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**5.62**		ug/m³	0.791	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.24	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.968	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.652	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.744	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.13	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.50**		ug/m³	0.792	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.07	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**3.00**		ug/m³	0.968	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.744	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:			
106-46-7	**1,4-Dichlorobenzene**	**1.06**		ug/m³	0.968	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.16	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.42**		ug/m³	0.475	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-8 **York Sample ID:** 23D0026-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:27 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.32	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.52	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.660	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**3.67**		ug/m³	0.765	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.349	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.514	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.834	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.08	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.66	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.625	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.501	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.405**		ug/m³	0.253	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.741	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.425	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**3.46**		ug/m³	0.786	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.332	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**1.09**		ug/m³	0.319	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.731	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.554	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.37	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.23**		ug/m³	0.796	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.16	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:			

Sample Information

Client Sample ID: **MP-8** **York Sample ID:** **23D0026-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:27 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**3.08**		ug/m³	0.699	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.72	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**35.2**	B	ug/m³	0.792	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.659	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.580	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.29**		ug/m³	1.12	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**3.43**		ug/m³	0.660	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.19**		ug/m³	0.567	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**4.75**		ug/m³	0.699	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**9.02**		ug/m³	1.40	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**5.14**		ug/m³	0.792	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.277	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.686	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**61.8**		ug/m³	1.09	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.950	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:			
108-88-3	**Toluene**	**5.40**		ug/m³	0.607	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**1.92**		ug/m³	0.638	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.731	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**26.7**		ug/m³	0.216	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.71**		ug/m³	0.905	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.567	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.704	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-8 **York Sample ID:** 23D0026-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:27 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.206	1.61	EPA TO-15	04/11/2023 11:00	04/12/2023 01:59	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-9** **York Sample ID:** **23D0026-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:41 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.26	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**13.8**		ug/m³	1.00	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.26	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**4.09**		ug/m³	1.41	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.00	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	**1,1-Dichloroethane**	**5.89**		ug/m³	0.745	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.365	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.37	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**3.89**		ug/m³	0.905	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.41	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.11	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.745	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.851	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.29	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.27**		ug/m³	0.905	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.22	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**2.66**		ug/m³	1.11	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.851	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:			
106-46-7	**1,4-Dichlorobenzene**	**2.77**		ug/m³	1.11	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.33	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.57**		ug/m³	0.543	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-9 **York Sample ID:** 23D0026-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:41 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.51	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.88	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.754	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**3.45**		ug/m³	0.875	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.400	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.706**		ug/m³	0.588	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.953	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.23	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.90	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.715	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.573	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.290	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.848	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.486	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**6.11**		ug/m³	0.899	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.380	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**35.5**		ug/m³	0.365	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.836	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.634	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.57	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.55**		ug/m³	0.910	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.33	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:			

Sample Information

Client Sample ID: **MP-9** **York Sample ID:** **23D0026-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:41 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**2.64**		ug/m³	0.799	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.96	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**4.03**	B	ug/m³	0.905	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.754	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.664	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.47**		ug/m³	1.28	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**3.02**		ug/m³	0.755	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.88**		ug/m³	0.649	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**3.52**		ug/m³	0.799	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**7.19**		ug/m³	1.60	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**3.71**		ug/m³	0.905	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.317	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.784	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**605**		ug/m³	1.25	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.09	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:			
108-88-3	**Toluene**	**5.48**		ug/m³	0.694	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**20.8**		ug/m³	0.730	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.836	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**316**		ug/m³	0.247	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**10.6**		ug/m³	1.03	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	**Vinyl acetate**	**2.27**		ug/m³	0.648	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.805	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-9 **York Sample ID:** 23D0026-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:41 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.235	1.841	EPA TO-15	04/11/2023 11:00	04/12/2023 03:02	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-10** **York Sample ID:** **23D0026-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:24 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.14	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**6.51**		ug/m³	0.905	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.14	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**12.7**		ug/m³	1.27	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.905	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	**1,1-Dichloroethane**	**1.54**		ug/m³	0.671	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**7.89**		ug/m³	0.329	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.23	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**4.81**		ug/m³	0.815	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.27	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.997	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.671	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.766	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.16	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.30**		ug/m³	0.815	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.10	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**3.09**		ug/m³	0.997	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.766	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:			
106-46-7	**1,4-Dichlorobenzene**	**1.10**		ug/m³	0.997	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.19	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.17**		ug/m³	0.489	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-10 **York Sample ID:** 23D0026-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:24 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.36	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.59	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.679	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**11.7**		ug/m³	0.788	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.360	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.530	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.858	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.11	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.71	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.644	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.516	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.417**		ug/m³	0.261	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.763	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.437	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**21.3**		ug/m³	0.810	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.342	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**2.50**		ug/m³	0.329	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.753	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.571	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.41	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**4.35**		ug/m³	0.820	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.19	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:			

Sample Information

Client Sample ID: **MP-10** **York Sample ID:** **23D0026-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:24 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**2.52**		ug/m³	0.720	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.77	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**30.9**	B	ug/m³	0.815	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.679	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.598	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.21**		ug/m³	1.15	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**1.56**		ug/m³	0.680	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	0.584	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**4.10**		ug/m³	0.720	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**8.64**		ug/m³	1.44	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**4.16**		ug/m³	0.815	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.285	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.706	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**59.0**		ug/m³	1.12	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.978	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:			
108-88-3	**Toluene**	**3.81**		ug/m³	0.625	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.657	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.753	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**29.0**		ug/m³	0.223	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**4.19**		ug/m³	0.932	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.584	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.725	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: MP-10 **York Sample ID:** 23D0026-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:24 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.212	1.658	EPA TO-15	04/11/2023 11:00	04/12/2023 04:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **MP-11** **York Sample ID:** **23D0026-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:22 pm	04/03/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.13	1.653	EPA TO-15 Certifications:	04/11/2023 11:00	04/12/2023 05:08	VH
71-55-6	**1,1,1-Trichloroethane**	**7.22**		ug/m³	0.902	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.13	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**3.93**		ug/m³	1.27	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.902	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.669	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.328	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	1.23	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
95-63-6	**1,2,4-Trimethylbenzene**	**1.38**		ug/m³	0.813	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.27	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.994	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.669	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.764	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.16	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.813	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.10	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.994	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.764	1.653	EPA TO-15 Certifications:	04/11/2023 11:00	04/12/2023 05:08	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.994	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.19	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH
78-93-3	**2-Butanone**	**0.829**		ug/m³	0.488	1.653	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 05:08	VH

Sample Information

Client Sample ID: MP-11 **York Sample ID:** 23D0026-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:22 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.35	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.59	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.677	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**56.6**		ug/m³	0.785	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.359	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.528	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.856	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.11	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.71	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.642	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.515	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.260	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.761	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.436	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**2.42**		ug/m³	0.807	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.341	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**10.7**		ug/m³	0.328	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.750	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.569	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.41	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.13**		ug/m³	0.817	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.19	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:			

Sample Information

Client Sample ID: **MP-11** **York Sample ID:** **23D0026-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:22 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**1.22**		ug/m³	0.718	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.76	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**450**	B, TO-IPA	ug/m³	8.13	16.53	EPA TO-15	04/12/2023 12:00	04/14/2023 11:06	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.677	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.596	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.32**		ug/m³	1.15	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.677	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.583	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**1.79**		ug/m³	0.718	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**4.52**		ug/m³	1.44	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**0.975**		ug/m³	0.813	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.284	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.704	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**4380**		ug/m³	11.2	16.53	EPA TO-15	04/12/2023 12:00	04/14/2023 11:06	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.975	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:			
108-88-3	**Toluene**	**1.56**		ug/m³	0.623	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**4.92**		ug/m³	0.655	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.750	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**299**		ug/m³	0.222	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**5.39**		ug/m³	0.929	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.582	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.723	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: MP-11 **York Sample ID:** 23D0026-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Soil Vapor	March 31, 2023 6:22 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.211	1.653	EPA TO-15	04/11/2023 11:00	04/12/2023 05:08	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **IA001** **York Sample ID:** **23D0026-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:31 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.590	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.469	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.590	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.659	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.469	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.348	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.170	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	**1,2,4-Trichlorobenzene**	**0.702**		ug/m³	0.638	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**1.40**		ug/m³	0.423	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.661	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.517	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.348	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.397	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.601	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**0.423**		ug/m³	0.423	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.571	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.517	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.397	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.517	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.620	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.685**		ug/m³	0.254	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**3.07**		ug/m³	0.705	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:			

Sample Information

Client Sample ID: **IA001** **York Sample ID:** **23D0026-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:31 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.35	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.352	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**4.94**		ug/m³	0.409	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.187	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.302**		ug/m³	0.275	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.445	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	**Bromodichloromethane**	**4.32**		ug/m³	0.576	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.889	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND	TO-CCV	ug/m³	0.334	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.268	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.325**		ug/m³	0.135	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.396	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.227	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**59.5**		ug/m³	0.420	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.817**	TO-CCV	ug/m³	0.178	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.170	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.390	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.296	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.733	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.17**		ug/m³	0.425	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.620	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.784**		ug/m³	0.373	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA001 **York Sample ID:** 23D0026-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:31 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	0.917	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**4.27**	B	ug/m³	0.423	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.352	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.310	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.956**		ug/m³	0.597	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.352	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.303**		ug/m³	0.303	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.16**		ug/m³	0.373	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.98**		ug/m³	0.747	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**1.06**		ug/m³	0.423	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.148	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.366	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**2.97**		ug/m³	0.583	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.507	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:			
108-88-3	**Toluene**	**1.59**		ug/m³	0.324	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.341	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.390	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.116	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.01**		ug/m³	0.483	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.303	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA001 **York Sample ID:** 23D0026-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:31 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.376	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.110	0.86	EPA TO-15	04/11/2023 11:00	04/18/2023 16:05	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA002 **York Sample ID:** 23D0026-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:01 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.527	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.419	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.527	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.588	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.419	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.310	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.152	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.569	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.377	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.589	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.461	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.310	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.354	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.536	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.377	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.509	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.461	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.354	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.461	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.553	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**3.39**		ug/m³	0.226	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA002 **York Sample ID:** 23D0026-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:01 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.628	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.20	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.314	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**13.1**		ug/m³	0.364	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.166	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.368**		ug/m³	0.245	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.397	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.514	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.793	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.298	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.239	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.386**		ug/m³	0.121	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.353	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.202	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.374	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.887**		ug/m³	0.158	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.152	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.348	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.264	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.653	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.82**		ug/m³	0.379	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.553	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:			

Sample Information

Client Sample ID: IA002 **York Sample ID:** 23D0026-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:01 pm	04/03/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:** TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m³	0.333	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.818	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**396**	B, E, TO-IPA	ug/m³	0.377	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.314	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.277	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**2.08**		ug/m³	0.533	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.314	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**0.351**		ug/m³	0.270	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	o-Xylene	ND		ug/m³	0.333	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.666	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.377	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.132	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.327	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**0.676**		ug/m³	0.520	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* **Tetrahydrofuran**	**0.588**		ug/m³	0.452	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:			
108-88-3	**Toluene**	**0.954**		ug/m³	0.289	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	**trans-1,2-Dichloroethylene**	**0.304**		ug/m³	0.304	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.348	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.103	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**18.8**		ug/m³	0.431	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.270	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.336	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA002 **York Sample ID:** 23D0026-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:01 pm	04/03/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:** TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.0980	0.767	EPA TO-15	04/11/2023 11:00	04/12/2023 07:28	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **IA003** **York Sample ID:** **23D0026-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:40 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.625	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.497	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.625	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.697	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.497	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.368	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.180	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LCS-L, TO-CCV	ug/m³	0.675	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.447	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.699	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.547	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.368	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.420	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.636	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.447	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.604	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.547	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.421	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.547	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.656	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**6.74**		ug/m³	0.268	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA003 **York Sample ID:** 23D0026-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:40 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.746	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.42	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.373	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**11.6**		ug/m³	0.432	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.197	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.378**		ug/m³	0.291	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.471	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.610	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.941	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.353	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.283	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.401**		ug/m³	0.143	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.419	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.240	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.444	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.05**		ug/m³	0.188	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.180	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.413	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.313	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.775	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.25**		ug/m³	0.450	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.656	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:			

Sample Information

Client Sample ID: **IA003** **York Sample ID:** **23D0026-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:40 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**0.790**		ug/m³	0.395	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.971	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**247**	B, E, TO-IPA	ug/m³	0.447	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.373	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.328	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.49**		ug/m³	0.632	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.373	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.321	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**0.909**		ug/m³	0.395	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**4.58**		ug/m³	0.790	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.447	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.157	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.388	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.617	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.537	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:			
108-88-3	**Toluene**	**1.03**		ug/m³	0.343	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.361	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.413	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.122	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**30.5**		ug/m³	0.511	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.320	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.398	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA003 **York Sample ID:** 23D0026-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 6:40 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.116	0.91	EPA TO-15	04/11/2023 11:00	04/12/2023 08:38	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA004 **York Sample ID:** 23D0026-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 7:05 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.560	0.816	EPA TO-15 Certifications:	04/11/2023 11:00	04/12/2023 09:47	VH
71-55-6	**1,1,1-Trichloroethane**	**0.534**		ug/m³	0.445	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.560	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.688**		ug/m³	0.625	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.445	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.330	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.162	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.606	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.401	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.627	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.491	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.330	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.377	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.570	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.401	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.542	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.491	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.377	0.816	EPA TO-15 Certifications:	04/11/2023 11:00	04/12/2023 09:47	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.491	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
123-91-1	1,4-Dioxane	ND		ug/m³	0.588	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH
78-93-3	**2-Butanone**	**4.69**		ug/m³	0.241	0.816	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/11/2023 11:00	04/12/2023 09:47	VH

Sample Information

Client Sample ID: IA004 **York Sample ID:** 23D0026-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 7:05 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.669	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.28	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.334	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**30.6**		ug/m³	0.388	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.177	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.495**		ug/m³	0.261	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.422	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.547	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.843	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.317	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.254	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.411**		ug/m³	0.128	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.376	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.215	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.398	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.04**		ug/m³	0.169	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.162	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.370	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.281	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.695	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**3.15**		ug/m³	0.404	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.588	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:			

Sample Information

Client Sample ID: IA004 **York Sample ID:** 23D0026-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 7:05 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m³	0.354	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.870	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**243**	B, TO-IPA, E	ug/m³	0.401	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.334	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.294	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.22**		ug/m³	0.567	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.569**		ug/m³	0.334	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.690**		ug/m³	0.288	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.354	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.709	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.401	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.140	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.348	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.553	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**3.75**		ug/m³	0.481	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:			
108-88-3	**Toluene**	**2.00**		ug/m³	0.308	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**27.3**		ug/m³	0.324	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.370	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.110	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**35.6**		ug/m³	0.458	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.287	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA004 **York Sample ID:** 23D0026-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 7:05 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.357	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.104	0.816	EPA TO-15	04/11/2023 11:00	04/12/2023 09:47	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OA001 **York Sample ID:** 23D0026-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Outdoor Ambient Air	March 31, 2023 7:12 pm	04/03/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:** TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.544	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.432	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.544	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.607	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.432	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.321	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.157	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.588	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.389	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.609	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.476	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.321	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.366	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.554	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.389	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.526	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.476	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.366	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.476	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.571	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.491**		ug/m³	0.234	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OA001 **York Sample ID:** 23D0026-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Outdoor Ambient Air	March 31, 2023 7:12 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.649	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.24	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.324	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**3.16**		ug/m³	0.376	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.172	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**0.278**		ug/m³	0.253	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.410	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.531	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	0.819	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.308	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.247	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.548**		ug/m³	0.125	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.365	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.209	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.387	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**1.06**		ug/m³	0.164	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.157	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.359	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	0.273	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	0.675	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.35**		ug/m³	0.392	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	0.571	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:			

Sample Information

Client Sample ID: OA001 **York Sample ID:** 23D0026-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Outdoor Ambient Air	March 31, 2023 7:12 pm	04/03/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:** TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m³	0.344	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.845	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**1.48**	B	ug/m³	0.389	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.324	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.286	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.880**		ug/m³	0.550	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.325	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	0.279	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.344	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.688	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.389	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.136	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.337	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.537	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.467	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:			
108-88-3	Toluene	ND		ug/m³	0.298	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.314	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.359	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.106	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.34**		ug/m³	0.445	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.279	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.346	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OA001 **York Sample ID:** 23D0026-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Outdoor Ambient Air	March 31, 2023 7:12 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.101	0.792	EPA TO-15	04/11/2023 11:00	04/12/2023 10:57	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **Dup001** **York Sample ID:** **23D0026-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 3:00 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.687	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**0.546**		ug/m³	0.546	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.687	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.767	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.546	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.405	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.198	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CCV, TO-LCS-L	ug/m³	0.743	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.492	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.769	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.602	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.405	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.463	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.700	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.492	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.664	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.602	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.463	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.602	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.721	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**5.37**		ug/m³	0.295	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **Dup001** **York Sample ID:** **23D0026-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 3:00 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND	TO-LCS-L, TO-CCV	ug/m³	0.820	1.001	EPA TO-15 Certifications:	04/09/2023 12:00	04/13/2023 12:17	VH
107-05-1	3-Chloropropene	ND		ug/m³	1.57	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.410	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
67-64-1	**Acetone**	**29.2**		ug/m³	0.476	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.217	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
71-43-2	**Benzene**	**0.352**		ug/m³	0.320	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
100-44-7	Benzyl chloride	ND	TO-LCS-L, TO-CCV	ug/m³	0.518	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.671	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
75-25-2	Bromoform	ND		ug/m³	1.03	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
74-83-9	Bromomethane	ND	TO-CCV, TO-LCS-L	ug/m³	0.389	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
75-15-0	Carbon disulfide	ND		ug/m³	0.312	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
56-23-5	**Carbon tetrachloride**	**0.378**		ug/m³	0.157	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.461	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
75-00-3	Chloroethane	ND		ug/m³	0.264	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
67-66-3	Chloroform	ND		ug/m³	0.489	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
74-87-3	**Chloromethane**	**2.05**		ug/m³	0.207	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.198	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.454	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH
110-82-7	Cyclohexane	ND		ug/m³	0.345	1.001	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/09/2023 12:00	04/13/2023 12:17	VH

Sample Information

Client Sample ID: **Dup001** **York Sample ID:** **23D0026-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 3:00 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	0.853	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**3.91**		ug/m³	0.495	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.721	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.435	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND	TO-LCS-L, CAL-E, TO-CCV	ug/m³	1.07	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**287**	B, TO-IPA, E	ug/m³	0.984	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.410	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.361	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.04**		ug/m³	0.695	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.410	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.600**		ug/m³	0.353	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.435	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.869	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.492	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.172	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.426	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.679	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* **Tetrahydrofuran**	**4.99**		ug/m³	0.590	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:			
108-88-3	**Toluene**	**1.51**		ug/m³	0.377	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**32.4**		ug/m³	0.397	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **Dup001** **York Sample ID:** **23D0026-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0026	BAE2202	Indoor Ambient Air	March 31, 2023 3:00 pm	04/03/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.454	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.134	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**42.7**		ug/m³	0.562	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.352	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.438	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.128	1.001	EPA TO-15	04/09/2023 12:00	04/13/2023 12:17	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Analytical Batch Summary

Batch ID: BD30716 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
23D0026-01	MP-1	04/11/23
23D0026-02	MP-2	04/11/23
23D0026-03	MP-3	04/11/23
23D0026-04	MP-4	04/11/23
23D0026-05	MP-5	04/11/23
23D0026-06	MP-6	04/11/23
23D0026-07	MP-7	04/11/23
23D0026-08	MP-8	04/11/23
23D0026-09	MP-9	04/11/23
23D0026-10	MP-10	04/11/23
23D0026-11	MP-11	04/11/23
23D0026-13	IA002	04/11/23
23D0026-14	IA003	04/11/23
23D0026-15	IA004	04/11/23
23D0026-16	OA001	04/11/23
BD30716-BLK1	Blank	04/11/23
BD30716-BS1	LCS	04/11/23
BD30716-DUP1	Duplicate	04/11/23

Batch ID: BD30889 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
23D0026-17	Dup001	04/09/23
BD30889-BLK1	Blank	04/09/23
BD30889-BS1	LCS	04/09/23
BD30889-DUP1	Duplicate	04/09/23

Batch ID: BD30949 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
23D0026-01RE1	MP-1	04/12/23
23D0026-04RE1	MP-4	04/12/23
23D0026-06RE1	MP-6	04/12/23
23D0026-07RE1	MP-7	04/12/23
23D0026-11RE1	MP-11	04/12/23
BD30949-BLK1	Blank	04/12/23
BD30949-BS1	LCS	04/12/23
BD30949-DUP1	Duplicate	04/12/23

Batch ID: BD31258 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
23D0026-12	IA001	04/11/23
BD31258-BLK1	Blank	04/17/23

BD31258-BS1	LCS	04/17/23
BD31258-DUP1	Duplicate	04/17/23

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30716 - EPA TO15 PREP											
Blank (BD30716-BLK1)											Prepared & Analyzed: 04/11/2023
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	3.54	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30716 - EPA TO15 PREP											
Blank (BD30716-BLK1)								Prepared & Analyzed: 04/11/2023			
n-Hexane	ND	0.352	ug/m³								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BD30716-BS1)								Prepared & Analyzed: 04/11/2023			
1,1,1,2-Tetrachloroethane	9.42		ppbv	10.0		94.2	70-130				
1,1,1-Trichloroethane	9.98		"	10.0		99.8	70-130				
1,1,2,2-Tetrachloroethane	9.25		"	10.0		92.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.76		"	10.0		97.6	70-130				
1,1,2-Trichloroethane	9.33		"	10.0		93.3	70-130				
1,1-Dichloroethane	9.40		"	10.0		94.0	70-130				
1,1-Dichloroethylene	8.66		"	10.0		86.6	70-130				
1,2,4-Trichlorobenzene	6.73		"	10.0		67.3	70-130	Low Bias			
1,2,4-Trimethylbenzene	9.18		"	10.0		91.8	70-130				
1,2-Dibromoethane	9.77		"	10.0		97.7	70-130				
1,2-Dichlorobenzene	9.27		"	10.0		92.7	70-130				
1,2-Dichloroethane	9.71		"	10.0		97.1	70-130				
1,2-Dichloropropane	8.85		"	10.0		88.5	70-130				
1,2-Dichlorotetrafluoroethane	9.50		"	10.0		95.0	70-130				
1,3,5-Trimethylbenzene	8.90		"	10.0		89.0	70-130				
1,3-Butadiene	9.22		"	10.0		92.2	70-130				
1,3-Dichlorobenzene	9.41		"	10.0		94.1	70-130				
1,3-Dichloropropane	9.23		"	10.0		92.3	70-130				
1,4-Dichlorobenzene	9.53		"	10.0		95.3	70-130				
1,4-Dioxane	9.01		"	10.0		90.1	70-130				
2-Butanone	9.10		"	10.0		91.0	70-130				
2-Hexanone	9.33		"	10.0		93.3	70-130				
3-Chloropropene	9.34		"	10.0		93.4	70-130				
4-Methyl-2-pentanone	8.90		"	10.0		89.0	70-130				
Acetone	8.11		"	10.0		81.1	70-130				
Acrylonitrile	9.31		"	10.0		93.1	70-130				
Benzene	9.68		"	10.0		96.8	70-130				
Benzyl chloride	8.23		"	10.0		82.3	70-130				
Bromodichloromethane	10.1		"	10.0		101	70-130				
Bromoform	10.6		"	10.0		106	70-130				
Bromomethane	8.69		"	10.0		86.9	70-130				
Carbon disulfide	10.3		"	10.0		103	70-130				
Carbon tetrachloride	11.1		"	10.0		111	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30716 - EPA TO15 PREP											
LCS (BD30716-BS1)								Prepared & Analyzed: 04/11/2023			
Chlorobenzene	8.70		ppbv	10.0		87.0	70-130				
Chloroethane	8.46		"	10.0		84.6	70-130				
Chloroform	10.1		"	10.0		101	70-130				
Chloromethane	9.13		"	10.0		91.3	70-130				
cis-1,2-Dichloroethylene	8.11		"	10.0		81.1	70-130				
cis-1,3-Dichloropropylene	9.96		"	10.0		99.6	70-130				
Cyclohexane	9.85		"	10.0		98.5	70-130				
Dibromochloromethane	11.5		"	10.0		115	70-130				
Dichlorodifluoromethane	9.52		"	10.0		95.2	70-130				
Ethyl acetate	9.58		"	10.0		95.8	70-130				
Ethyl Benzene	8.96		"	10.0		89.6	70-130				
Hexachlorobutadiene	8.56		"	10.0		85.6	70-130				
Isopropanol	8.83		"	10.0		88.3	70-130				
Methyl Methacrylate	9.49		"	10.0		94.9	70-130				
Methyl tert-butyl ether (MTBE)	9.94		"	10.0		99.4	70-130				
Methylene chloride	9.73		"	10.0		97.3	70-130				
n-Heptane	9.93		"	10.0		99.3	70-130				
n-Hexane	9.98		"	10.0		99.8	70-130				
o-Xylene	9.14		"	10.0		91.4	70-130				
p- & m- Xylenes	18.0		"	20.0		90.0	70-130				
p-Ethyltoluene	9.02		"	10.0		90.2	70-130				
Propylene	8.48		"	10.0		84.8	70-130				
Styrene	9.70		"	10.0		97.0	70-130				
Tetrachloroethylene	9.35		"	10.0		93.5	70-130				
Tetrahydrofuran	9.42		"	10.0		94.2	70-130				
Toluene	9.19		"	10.0		91.9	70-130				
trans-1,2-Dichloroethylene	9.62		"	10.0		96.2	70-130				
trans-1,3-Dichloropropylene	9.80		"	10.0		98.0	70-130				
Trichloroethylene	8.54		"	10.0		85.4	70-130				
Trichlorofluoromethane (Freon 11)	9.45		"	10.0		94.5	70-130				
Vinyl acetate	10.4		"	10.0		104	70-130				
Vinyl bromide	10.2		"	10.0		102	70-130				
Vinyl Chloride	8.40		"	10.0		84.0	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30716 - EPA TO15 PREP											
Duplicate (BD30716-DUP1)	*Source sample: 23D0026-16 (OA001)								Prepared: 04/11/2023 Analyzed: 04/13/2023		
1,1,1,2-Tetrachloroethane	ND	0.544	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.432	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.544	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.607	"		ND					25	
1,1,2-Trichloroethane	ND	0.432	"		ND					25	
1,1-Dichloroethane	ND	0.321	"		ND					25	
1,1-Dichloroethylene	ND	0.157	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.588	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.389	"		ND					25	
1,2-Dibromoethane	ND	0.609	"		ND					25	
1,2-Dichlorobenzene	ND	0.476	"		ND					25	
1,2-Dichloroethane	ND	0.321	"		ND					25	
1,2-Dichloropropane	ND	0.366	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.554	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.389	"		ND					25	
1,3-Butadiene	ND	0.526	"		ND					25	
1,3-Dichlorobenzene	ND	0.476	"		ND					25	
1,3-Dichloropropane	ND	0.366	"		ND					25	
1,4-Dichlorobenzene	ND	0.476	"		ND					25	
1,4-Dioxane	ND	0.571	"		ND					25	
2-Butanone	0.701	0.234	"		0.491				35.3	25	Non-dir.
2-Hexanone	ND	0.649	"		ND					25	
3-Chloropropene	ND	1.24	"		ND					25	
4-Methyl-2-pentanone	ND	0.324	"		ND					25	
Acetone	3.88	0.376	"		3.16				20.3	25	
Acrylonitrile	ND	0.172	"		ND					25	
Benzene	ND	0.253	"		0.278					25	
Benzyl chloride	ND	0.410	"		ND					25	
Bromodichloromethane	ND	0.531	"		ND					25	
Bromoform	ND	0.819	"		ND					25	
Bromomethane	ND	0.308	"		ND					25	
Carbon disulfide	ND	0.247	"		ND					25	
Carbon tetrachloride	0.399	0.125	"		0.548				31.6	25	Non-dir.
Chlorobenzene	ND	0.365	"		ND					25	
Chloroethane	ND	0.209	"		ND					25	
Chloroform	ND	0.387	"		ND					25	
Chloromethane	2.13	0.164	"		1.06				66.7	25	Non-dir.
cis-1,2-Dichloroethylene	ND	0.157	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.359	"		ND					25	
Cyclohexane	ND	0.273	"		ND					25	
Dibromochloromethane	ND	0.675	"		ND					25	
Dichlorodifluoromethane	2.58	0.392	"		2.35				9.52	25	
Ethyl acetate	ND	0.571	"		ND					25	
Ethyl Benzene	ND	0.344	"		ND					25	
Hexachlorobutadiene	ND	0.845	"		ND					25	
Isopropanol	2.16	0.389	"		1.48				37.4	25	Non-dir.
Methyl Methacrylate	ND	0.324	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.286	"		ND					25	
Methylene chloride	0.853	0.550	"		0.880				3.17	25	
n-Heptane	ND	0.325	"		ND					25	
n-Hexane	ND	0.279	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30716 - EPA TO15 PREP											
Duplicate (BD30716-DUP1)	*Source sample: 23D0026-16 (OA001)								Prepared: 04/11/2023 Analyzed: 04/13/2023		
o-Xylene	ND	0.344	ug/m³		ND					25	
p- & m- Xylenes	ND	0.688	"		ND					25	
p-Ethyltoluene	ND	0.389	"		ND					25	
Propylene	ND	0.136	"		ND					25	
Styrene	ND	0.337	"		ND					25	
Tetrachloroethylene	ND	0.537	"		ND					25	
Tetrahydrofuran	ND	0.467	"		ND					25	
Toluene	0.209	0.298	"		0.179				15.4	25	
trans-1,2-Dichloroethylene	ND	0.314	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.359	"		ND					25	
Trichloroethylene	ND	0.106	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.34	0.445	"		1.34				0.00	25	
Vinyl acetate	ND	0.279	"		ND					25	
Vinyl bromide	ND	0.346	"		ND					25	
Vinyl Chloride	ND	0.101	"		ND					25	
Batch BD30889 - EPA TO15 PREP											
Blank (BD30889-BLK1)									Prepared: 04/09/2023 Analyzed: 04/12/2023		
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30889 - EPA TO15 PREP											
Blank (BD30889-BLK1)											Prepared: 04/09/2023 Analyzed: 04/12/2023
Carbon tetrachloride	ND	0.157	ug/m³								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	0.811	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								
n-Hexane	ND	0.352	"								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30889 - EPA TO15 PREP											
LCS (BD30889-BS1)								Prepared: 04/09/2023 Analyzed: 04/12/2023			
1,1,1,2-Tetrachloroethane	10.1		ppbv	10.0		101	70-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	70-130				
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130				
1,1,2-Trichloroethane	8.21		"	10.0		82.1	70-130				
1,1-Dichloroethane	10.6		"	10.0		106	70-130				
1,1-Dichloroethylene	11.8		"	10.0		118	70-130				
1,2,4-Trichlorobenzene	1.32		"	10.0		13.2	70-130	Low Bias			
1,2,4-Trimethylbenzene	8.58		"	10.0		85.8	70-130				
1,2-Dibromoethane	8.76		"	10.0		87.6	70-130				
1,2-Dichlorobenzene	7.61		"	10.0		76.1	70-130				
1,2-Dichloroethane	11.5		"	10.0		115	70-130				
1,2-Dichloropropane	8.84		"	10.0		88.4	70-130				
1,2-Dichlorotetrafluoroethane	9.31		"	10.0		93.1	70-130				
1,3,5-Trimethylbenzene	8.79		"	10.0		87.9	70-130				
1,3-Butadiene	9.93		"	10.0		99.3	70-130				
1,3-Dichlorobenzene	8.02		"	10.0		80.2	70-130				
1,3-Dichloropropane	9.28		"	10.0		92.8	70-130				
1,4-Dichlorobenzene	7.66		"	10.0		76.6	70-130				
1,4-Dioxane	8.97		"	10.0		89.7	70-130				
2-Butanone	10.3		"	10.0		103	70-130				
2-Hexanone	3.99		"	10.0		39.9	70-130	Low Bias			
3-Chloropropene	12.3		"	10.0		123	70-130				
4-Methyl-2-pentanone	8.00		"	10.0		80.0	70-130				
Acetone	8.72		"	10.0		87.2	70-130				
Acrylonitrile	11.7		"	10.0		117	70-130				
Benzene	7.89		"	10.0		78.9	70-130				
Benzyl chloride	6.60		"	10.0		66.0	70-130	Low Bias			
Bromodichloromethane	9.38		"	10.0		93.8	70-130				
Bromoform	9.24		"	10.0		92.4	70-130				
Bromomethane	6.37		"	10.0		63.7	70-130	Low Bias			
Carbon disulfide	10.5		"	10.0		105	70-130				
Carbon tetrachloride	10.1		"	10.0		101	70-130				
Chlorobenzene	10.7		"	10.0		107	70-130				
Chloroethane	11.2		"	10.0		112	70-130				
Chloroform	10.9		"	10.0		109	70-130				
Chloromethane	12.1		"	10.0		121	70-130				
cis-1,2-Dichloroethylene	12.0		"	10.0		120	70-130				
cis-1,3-Dichloropropylene	9.98		"	10.0		99.8	70-130				
Cyclohexane	10.1		"	10.0		101	70-130				
Dibromochloromethane	8.98		"	10.0		89.8	70-130				
Dichlorodifluoromethane	9.91		"	10.0		99.1	70-130				
Ethyl acetate	10.6		"	10.0		106	70-130				
Ethyl Benzene	11.5		"	10.0		115	70-130				
Hexachlorobutadiene	3.66		"	10.0		36.6	70-130	Low Bias			
Isopropanol	9.70		"	10.0		97.0	70-130				
Methyl Methacrylate	8.33		"	10.0		83.3	70-130				
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	70-130				
Methylene chloride	10.2		"	10.0		102	70-130				
n-Heptane	7.86		"	10.0		78.6	70-130				
n-Hexane	9.79		"	10.0		97.9	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30889 - EPA TO15 PREP											
LCS (BD30889-BS1)									Prepared: 04/09/2023 Analyzed: 04/12/2023		
o-Xylene	8.48		ppbv	10.0		84.8	70-130				
p- & m- Xylenes	15.3		"	20.0		76.4	70-130				
p-Ethyltoluene	8.40		"	10.0		84.0	70-130				
Propylene	11.4		"	10.0		114	70-130				
Styrene	7.76		"	10.0		77.6	70-130				
Tetrachloroethylene	9.25		"	10.0		92.5	70-130				
Tetrahydrofuran	11.7		"	10.0		117	70-130				
Toluene	8.56		"	10.0		85.6	70-130				
trans-1,2-Dichloroethylene	11.6		"	10.0		116	70-130				
trans-1,3-Dichloropropylene	9.64		"	10.0		96.4	70-130				
Trichloroethylene	9.88		"	10.0		98.8	70-130				
Trichlorofluoromethane (Freon 11)	10.5		"	10.0		105	70-130				
Vinyl acetate	8.57		"	10.0		85.7	70-130				
Vinyl bromide	11.5		"	10.0		115	70-130				
Vinyl Chloride	7.73		"	10.0		77.3	70-130				
Duplicate (BD30889-DUP1)	*Source sample: 23D0026-17 (Dup001)								Prepared: 04/09/2023 Analyzed: 04/14/2023		
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³		ND					25	
1,1,1-Trichloroethane	0.492	0.546	"		0.546				10.5	25	
1,1,2,2-Tetrachloroethane	ND	0.687	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.767	"		ND					25	
1,1,2-Trichloroethane	ND	0.546	"		ND					25	
1,1-Dichloroethane	ND	0.405	"		ND					25	
1,1-Dichloroethylene	ND	0.198	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.743	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.492	"		ND					25	
1,2-Dibromoethane	ND	0.769	"		ND					25	
1,2-Dichlorobenzene	ND	0.602	"		ND					25	
1,2-Dichloroethane	ND	0.405	"		ND					25	
1,2-Dichloropropane	ND	0.463	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.700	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.492	"		ND					25	
1,3-Butadiene	ND	0.664	"		ND					25	
1,3-Dichlorobenzene	ND	0.602	"		ND					25	
1,3-Dichloropropane	ND	0.463	"		ND					25	
1,4-Dichlorobenzene	ND	0.602	"		ND					25	
1,4-Dioxane	ND	0.721	"		ND					25	
2-Butanone	5.14	0.295	"		5.37				4.49	25	
2-Hexanone	ND	0.820	"		ND					25	
3-Chloropropene	ND	1.57	"		ND					25	
4-Methyl-2-pentanone	ND	0.410	"		ND					25	
Acetone	30.6	0.476	"		29.2				4.93	25	
Acrylonitrile	ND	0.217	"		ND					25	
Benzene	ND	0.320	"		0.352					25	
Benzyl chloride	ND	0.518	"		ND					25	
Bromodichloromethane	ND	0.671	"		ND					25	
Bromoform	ND	1.03	"		ND					25	
Bromomethane	ND	0.389	"		ND					25	
Carbon disulfide	ND	0.312	"		ND					25	
Carbon tetrachloride	0.378	0.157	"		0.378				0.00	25	
Chlorobenzene	ND	0.461	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30889 - EPA TO15 PREP											
Duplicate (BD30889-DUP1)	*Source sample: 23D0026-17 (Dup001)								Prepared: 04/09/2023 Analyzed: 04/14/2023		
Chloroethane	ND	0.264	ug/m³		ND					25	
Chloroform	ND	0.489	"		ND					25	
Chloromethane	2.07	0.207	"		2.05				1.01	25	
cis-1,2-Dichloroethylene	ND	0.198	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.454	"		ND					25	
Cyclohexane	ND	0.345	"		ND					25	
Dibromochloromethane	ND	0.853	"		ND					25	
Dichlorodifluoromethane	3.76	0.495	"		3.91				3.87	25	
Ethyl acetate	ND	0.721	"		ND					25	
Ethyl Benzene	ND	0.435	"		ND					25	
Hexachlorobutadiene	ND	1.07	"		ND					25	
Isopropanol	291	0.492	"		287				1.15	25	
Methyl Methacrylate	ND	0.410	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.361	"		ND					25	
Methylene chloride	1.15	0.695	"		1.04				9.52	25	
n-Heptane	0.287	0.410	"		0.328				13.3	25	
n-Hexane	0.423	0.353	"		0.600				34.5	25	Non-dir.
o-Xylene	ND	0.435	"		0.130					25	
p- & m- Xylenes	ND	0.869	"		ND					25	
p-Ethyltoluene	ND	0.492	"		ND					25	
Propylene	ND	0.172	"		ND					25	
Styrene	ND	0.426	"		ND					25	
Tetrachloroethylene	ND	0.679	"		ND					25	
Tetrahydrofuran	4.55	0.590	"		4.99				9.29	25	
Toluene	1.21	0.377	"		1.51				22.2	25	
trans-1,2-Dichloroethylene	31.6	0.397	"		32.4				2.48	25	
trans-1,3-Dichloropropylene	ND	0.454	"		ND					25	
Trichloroethylene	ND	0.134	"		ND					25	
Trichlorofluoromethane (Freon 11)	42.9	0.562	"		42.7				0.263	25	
Vinyl acetate	ND	0.352	"		ND					25	
Vinyl bromide	ND	0.438	"		ND					25	
Vinyl Chloride	ND	0.128	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30949 - EPA TO15 PREP											
Blank (BD30949-BLK1)											
Prepared: 04/12/2023 Analyzed: 04/13/2023											
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	0.618	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	1.43	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								
n-Hexane	ND	0.352	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30949 - EPA TO15 PREP											
Blank (BD30949-BLK1)											Prepared: 04/12/2023 Analyzed: 04/13/2023
o-Xylene	ND	0.434	ug/m³								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BD30949-BS1)											Prepared: 04/12/2023 Analyzed: 04/13/2023
1,1,1,2-Tetrachloroethane	9.39		ppbv	10.0		93.9	70-130				
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130				
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	70-130				
1,1,2-Trichloroethane	7.95		"	10.0		79.5	70-130				
1,1-Dichloroethane	10.8		"	10.0		108	70-130				
1,1-Dichloroethylene	11.6		"	10.0		116	70-130				
1,2,4-Trichlorobenzene	8.37		"	10.0		83.7	70-130				
1,2,4-Trimethylbenzene	8.90		"	10.0		89.0	70-130				
1,2-Dibromoethane	8.62		"	10.0		86.2	70-130				
1,2-Dichlorobenzene	8.72		"	10.0		87.2	70-130				
1,2-Dichloroethane	11.3		"	10.0		113	70-130				
1,2-Dichloropropane	7.66		"	10.0		76.6	70-130				
1,2-Dichlorotetrafluoroethane	13.5		"	10.0		135	70-130	High Bias			
1,3,5-Trimethylbenzene	9.08		"	10.0		90.8	70-130				
1,3-Butadiene	15.7		"	10.0		157	70-130	High Bias			
1,3-Dichlorobenzene	8.80		"	10.0		88.0	70-130				
1,3-Dichloropropane	8.71		"	10.0		87.1	70-130				
1,4-Dichlorobenzene	8.67		"	10.0		86.7	70-130				
1,4-Dioxane	9.87		"	10.0		98.7	70-130				
2-Butanone	11.5		"	10.0		115	70-130				
2-Hexanone	8.16		"	10.0		81.6	70-130				
3-Chloropropene	11.5		"	10.0		115	70-130				
4-Methyl-2-pentanone	8.68		"	10.0		86.8	70-130				
Acetone	9.43		"	10.0		94.3	70-130				
Acrylonitrile	12.0		"	10.0		120	70-130				
Benzene	8.21		"	10.0		82.1	70-130				
Benzyl chloride	8.56		"	10.0		85.6	70-130				
Bromodichloromethane	8.81		"	10.0		88.1	70-130				
Bromoform	9.21		"	10.0		92.1	70-130				
Bromomethane	8.79		"	10.0		87.9	70-130				
Carbon disulfide	11.2		"	10.0		112	70-130				
Carbon tetrachloride	9.88		"	10.0		98.8	70-130				
Chlorobenzene	10.4		"	10.0		104	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30949 - EPA TO15 PREP											
LCS (BD30949-BS1)								Prepared: 04/12/2023 Analyzed: 04/13/2023			
Chloroethane	11.2		ppbv	10.0		112	70-130				
Chloroform	11.0		"	10.0		110	70-130				
Chloromethane	14.7		"	10.0		147	70-130	High Bias			
cis-1,2-Dichloroethylene	11.5		"	10.0		115	70-130				
cis-1,3-Dichloropropylene	8.85		"	10.0		88.5	70-130				
Cyclohexane	9.57		"	10.0		95.7	70-130				
Dibromochloromethane	8.86		"	10.0		88.6	70-130				
Dichlorodifluoromethane	12.0		"	10.0		120	70-130				
Ethyl acetate	11.7		"	10.0		117	70-130				
Ethyl Benzene	11.4		"	10.0		114	70-130				
Hexachlorobutadiene	6.02		"	10.0		60.2	70-130	Low Bias			
Isopropanol	11.2		"	10.0		112	70-130				
Methyl Methacrylate	7.87		"	10.0		78.7	70-130				
Methyl tert-butyl ether (MTBE)	11.7		"	10.0		117	70-130				
Methylene chloride	10.0		"	10.0		100	70-130				
n-Heptane	7.93		"	10.0		79.3	70-130				
n-Hexane	9.49		"	10.0		94.9	70-130				
o-Xylene	8.43		"	10.0		84.3	70-130				
p- & m- Xylenes	16.2		"	20.0		81.0	70-130				
p-Ethyltoluene	8.77		"	10.0		87.7	70-130				
Propylene	12.3		"	10.0		123	70-130				
Styrene	8.11		"	10.0		81.1	70-130				
Tetrachloroethylene	8.93		"	10.0		89.3	70-130				
Tetrahydrofuran	11.9		"	10.0		119	70-130				
Toluene	8.44		"	10.0		84.4	70-130				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
trans-1,3-Dichloropropylene	8.86		"	10.0		88.6	70-130				
Trichloroethylene	8.78		"	10.0		87.8	70-130				
Trichlorofluoromethane (Freon 11)	11.0		"	10.0		110	70-130				
Vinyl acetate	9.23		"	10.0		92.3	70-130				
Vinyl bromide	11.1		"	10.0		111	70-130				
Vinyl Chloride	12.9		"	10.0		129	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30949 - EPA TO15 PREP											
Duplicate (BD30949-DUP1)	*Source sample: 23D0150-09 (Duplicate)								Prepared: 04/12/2023 Analyzed: 04/14/2023		
1,1,1,2-Tetrachloroethane	ND	0.756	ug/m³							25	
1,1,1-Trichloroethane	ND	0.601	"							25	
1,1,2,2-Tetrachloroethane	ND	0.756	"							25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.844	"							25	
1,1,2-Trichloroethane	ND	0.601	"							25	
1,1-Dichloroethane	ND	0.446	"							25	
1,1-Dichloroethylene	ND	0.218	"							25	
1,2,4-Trichlorobenzene	ND	0.817	"							25	
1,2,4-Trimethylbenzene	ND	0.541	"							25	
1,2-Dibromoethane	ND	0.846	"							25	
1,2-Dichlorobenzene	ND	0.662	"							25	
1,2-Dichloroethane	ND	0.446	"							25	
1,2-Dichloropropane	ND	0.509	"							25	
1,2-Dichlorotetrafluoroethane	ND	0.770	"							25	
1,3,5-Trimethylbenzene	ND	0.541	"							25	
1,3-Butadiene	ND	0.731	"							25	
1,3-Dichlorobenzene	ND	0.662	"							25	
1,3-Dichloropropane	ND	0.509	"							25	
1,4-Dichlorobenzene	ND	0.662	"							25	
1,4-Dioxane	ND	0.793	"							25	
2-Butanone	0.974	0.325	"						200	25	Non-dir.
2-Hexanone	ND	0.902	"							25	
3-Chloropropene	ND	1.72	"							25	
4-Methyl-2-pentanone	ND	0.451	"							25	
Acetone	11.8	0.523	"						200	25	Non-dir.
Acrylonitrile	ND	0.239	"							25	
Benzene	ND	0.352	"							25	
Benzyl chloride	ND	0.570	"							25	
Bromodichloromethane	ND	0.738	"							25	
Bromoform	ND	1.14	"							25	
Bromomethane	ND	0.428	"							25	
Carbon disulfide	ND	0.343	"							25	
Carbon tetrachloride	0.346	0.173	"						200	25	Non-dir.
Chlorobenzene	ND	0.507	"							25	
Chloroethane	ND	0.290	"							25	
Chloroform	ND	0.538	"							25	
Chloromethane	2.21	0.227	"						200	25	Non-dir.
cis-1,2-Dichloroethylene	ND	0.218	"							25	
cis-1,3-Dichloropropylene	ND	0.500	"							25	
Cyclohexane	ND	0.379	"							25	
Dibromochloromethane	ND	0.938	"							25	
Dichlorodifluoromethane	2.50	0.544	"						200	25	Non-dir.
Ethyl acetate	ND	0.793	"							25	
Ethyl Benzene	ND	0.478	"							25	
Hexachlorobutadiene	ND	1.17	"							25	
Isopropanol	1.79	0.541	"						200	25	Non-dir.
Methyl Methacrylate	ND	0.451	"							25	
Methyl tert-butyl ether (MTBE)	ND	0.397	"							25	
Methylene chloride	1.72	0.765	"						200	25	Non-dir.
n-Heptane	ND	0.451	"							25	
n-Hexane	ND	0.388	"							25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30949 - EPA TO15 PREP											
Duplicate (BD30949-DUP1)	*Source sample: 23D0150-09 (Duplicate)								Prepared: 04/12/2023 Analyzed: 04/14/2023		
o-Xylene	ND	0.478	ug/m³							25	
p- & m- Xylenes	ND	0.956	"							25	
p-Ethyltoluene	ND	0.541	"							25	
Propylene	ND	0.189	"							25	
Styrene	ND	0.469	"							25	
Tetrachloroethylene	ND	0.747	"							25	
Tetrahydrofuran	ND	0.649	"							25	
Toluene	0.249	0.415	"						200	25	Non-dir.
trans-1,2-Dichloroethylene	ND	0.437	"							25	
trans-1,3-Dichloropropylene	ND	0.500	"							25	
Trichloroethylene	ND	0.148	"							25	
Trichlorofluoromethane (Freon 11)	1.92	0.619	"						200	25	Non-dir.
Vinyl acetate	ND	0.388	"							25	
Vinyl bromide	ND	0.482	"							25	
Vinyl Chloride	ND	0.141	"							25	
Batch BD31258 - EPA TO15 PREP											
Blank (BD31258-BLK1)									Prepared: 04/17/2023 Analyzed: 04/18/2023		
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31258 - EPA TO15 PREP											
Blank (BD31258-BLK1)											Prepared: 04/17/2023 Analyzed: 04/18/2023
Carbon tetrachloride	ND	0.157	ug/m³								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	1.60	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								
n-Hexane	ND	0.352	"								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31258 - EPA TO15 PREP											
LCS (BD31258-BS1)								Prepared: 04/17/2023 Analyzed: 04/18/2023			
1,1,1,2-Tetrachloroethane	9.75		ppbv	10.0		97.5	70-130				
1,1,1-Trichloroethane	10.8		"	10.0		108	70-130				
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130				
1,1,2-Trichloroethane	8.24		"	10.0		82.4	70-130				
1,1-Dichloroethane	10.7		"	10.0		107	70-130				
1,1-Dichloroethylene	11.6		"	10.0		116	70-130				
1,2,4-Trichlorobenzene	8.98		"	10.0		89.8	70-130				
1,2,4-Trimethylbenzene	8.38		"	10.0		83.8	70-130				
1,2-Dibromoethane	8.81		"	10.0		88.1	70-130				
1,2-Dichlorobenzene	8.21		"	10.0		82.1	70-130				
1,2-Dichloroethane	11.2		"	10.0		112	70-130				
1,2-Dichloropropane	8.26		"	10.0		82.6	70-130				
1,2-Dichlorotetrafluoroethane	10.2		"	10.0		102	70-130				
1,3,5-Trimethylbenzene	8.39		"	10.0		83.9	70-130				
1,3-Butadiene	12.1		"	10.0		121	70-130				
1,3-Dichlorobenzene	8.42		"	10.0		84.2	70-130				
1,3-Dichloropropane	9.02		"	10.0		90.2	70-130				
1,4-Dichlorobenzene	8.26		"	10.0		82.6	70-130				
1,4-Dioxane	10.6		"	10.0		106	70-130				
2-Butanone	11.0		"	10.0		110	70-130				
2-Hexanone	7.82		"	10.0		78.2	70-130				
3-Chloropropene	11.9		"	10.0		119	70-130				
4-Methyl-2-pentanone	8.48		"	10.0		84.8	70-130				
Acetone	9.06		"	10.0		90.6	70-130				
Acrylonitrile	12.8		"	10.0		128	70-130				
Benzene	7.71		"	10.0		77.1	70-130				
Benzyl chloride	9.19		"	10.0		91.9	70-130				
Bromodichloromethane	8.84		"	10.0		88.4	70-130				
Bromoform	9.22		"	10.0		92.2	70-130				
Bromomethane	7.49		"	10.0		74.9	70-130				
Carbon disulfide	10.7		"	10.0		107	70-130				
Carbon tetrachloride	9.78		"	10.0		97.8	70-130				
Chlorobenzene	10.5		"	10.0		105	70-130				
Chloroethane	11.6		"	10.0		116	70-130				
Chloroform	10.6		"	10.0		106	70-130				
Chloromethane	11.7		"	10.0		117	70-130				
cis-1,2-Dichloroethylene	11.5		"	10.0		115	70-130				
cis-1,3-Dichloropropylene	9.48		"	10.0		94.8	70-130				
Cyclohexane	9.82		"	10.0		98.2	70-130				
Dibromochloromethane	8.83		"	10.0		88.3	70-130				
Dichlorodifluoromethane	11.0		"	10.0		110	70-130				
Ethyl acetate	11.0		"	10.0		110	70-130				
Ethyl Benzene	11.0		"	10.0		110	70-130				
Hexachlorobutadiene	5.58		"	10.0		55.8	70-130	Low Bias			
Isopropanol	10.9		"	10.0		109	70-130				
Methyl Methacrylate	8.50		"	10.0		85.0	70-130				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	70-130				
Methylene chloride	10.2		"	10.0		102	70-130				
n-Heptane	7.54		"	10.0		75.4	70-130				
n-Hexane	9.58		"	10.0		95.8	70-130				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31258 - EPA TO15 PREP											
LCS (BD31258-BS1)									Prepared: 04/17/2023 Analyzed: 04/18/2023		
o-Xylene	8.14		ppbv	10.0		81.4	70-130				
p- & m- Xylenes	14.7		"	20.0		73.5	70-130				
p-Ethyltoluene	8.15		"	10.0		81.5	70-130				
Propylene	12.6		"	10.0		126	70-130				
Styrene	7.91		"	10.0		79.1	70-130				
Tetrachloroethylene	9.10		"	10.0		91.0	70-130				
Tetrahydrofuran	12.0		"	10.0		120	70-130				
Toluene	8.40		"	10.0		84.0	70-130				
trans-1,2-Dichloroethylene	11.3		"	10.0		113	70-130				
trans-1,3-Dichloropropylene	9.49		"	10.0		94.9	70-130				
Trichloroethylene	9.47		"	10.0		94.7	70-130				
Trichlorofluoromethane (Freon 11)	10.4		"	10.0		104	70-130				
Vinyl acetate	9.08		"	10.0		90.8	70-130				
Vinyl bromide	11.5		"	10.0		115	70-130				
Vinyl Chloride	10.0		"	10.0		100	70-130				
Duplicate (BD31258-DUP1)	*Source sample: 23D0171-03 (Duplicate)								Prepared: 04/17/2023 Analyzed: 04/18/2023		
1,1,1,2-Tetrachloroethane	ND	1.02	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.814	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.02	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.14	"		ND					25	
1,1,2-Trichloroethane	ND	0.814	"		ND					25	
1,1-Dichloroethane	ND	0.604	"		ND					25	
1,1-Dichloroethylene	ND	0.296	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.11	"		ND					25	
1,2,4-Trimethylbenzene	0.953	0.733	"		0.953				0.00	25	
1,2-Dibromoethane	ND	1.15	"		ND					25	
1,2-Dichlorobenzene	ND	0.897	"		ND					25	
1,2-Dichloroethane	ND	0.604	"		ND					25	
1,2-Dichloropropane	ND	0.689	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.04	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.733	"		ND					25	
1,3-Butadiene	ND	0.990	"		ND					25	
1,3-Dichlorobenzene	ND	0.897	"		ND					25	
1,3-Dichloropropane	ND	0.689	"		ND					25	
1,4-Dichlorobenzene	ND	0.897	"		ND					25	
1,4-Dioxane	ND	1.08	"		ND					25	
2-Butanone	2.51	0.440	"		2.29				9.17	25	
2-Hexanone	ND	1.22	"		ND					25	
3-Chloropropene	ND	2.34	"		ND					25	
4-Methyl-2-pentanone	ND	0.611	"		ND					25	
Acetone	22.8	0.709	"		21.5				5.77	25	
Acrylonitrile	ND	0.324	"		ND					25	
Benzene	1.00	0.477	"		1.05				4.65	25	
Benzyl chloride	ND	0.772	"		ND					25	
Bromodichloromethane	ND	1.00	"		ND					25	
Bromoform	ND	1.54	"		ND					25	
Bromomethane	ND	0.579	"		ND					25	
Carbon disulfide	ND	0.465	"		ND					25	
Carbon tetrachloride	0.469	0.235	"		0.469				0.00	25	
Chlorobenzene	ND	0.687	"		ND					25	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31258 - EPA TO15 PREP											
Duplicate (BD31258-DUP1)	*Source sample: 23D0171-03 (Duplicate)								Prepared: 04/17/2023 Analyzed: 04/18/2023		
Chloroethane	ND	0.394	ug/m³		ND					25	
Chloroform	2.11	0.728	"		2.04				3.51	25	
Chloromethane	2.31	0.308	"		2.28				1.34	25	
cis-1,2-Dichloroethylene	ND	0.296	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.677	"		ND					25	
Cyclohexane	ND	0.514	"		ND					25	
Dibromochloromethane	ND	1.27	"		ND					25	
Dichlorodifluoromethane	3.17	0.738	"		2.88				9.76	25	
Ethyl acetate	1.94	1.08	"		1.77				8.70	25	
Ethyl Benzene	0.648	0.648	"		0.713				9.52	25	
Hexachlorobutadiene	ND	1.59	"		ND					25	
Isopropanol	14.2	0.733	"		13.8				3.14	25	
Methyl Methacrylate	ND	0.611	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.538	"		ND					25	
Methylene chloride	2.54	1.04	"		2.38				6.32	25	
n-Heptane	0.489	0.612	"		0.489				0.00	25	
n-Hexane	0.999	0.526	"		0.999				0.00	25	
o-Xylene	0.518	0.648	"		0.518				0.00	25	
p- & m- Xylenes	1.43	1.30	"		1.30				9.52	25	
p-Ethyltoluene	0.587	0.733	"		ND					25	
Propylene	ND	0.257	"		ND					25	
Styrene	ND	0.636	"		ND					25	
Tetrachloroethylene	52.6	1.01	"		52.2				0.772	25	
Tetrahydrofuran	ND	0.880	"		ND					25	
Toluene	5.74	0.562	"		5.51				4.00	25	
trans-1,2-Dichloroethylene	ND	0.592	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.677	"		ND					25	
Trichloroethylene	4.89	0.200	"		4.97				1.63	25	
Trichlorofluoromethane (Freon 11)	1.59	0.838	"		1.51				5.41	25	
Vinyl acetate	ND	0.525	"		ND					25	
Vinyl bromide	ND	0.653	"		ND					25	
Vinyl Chloride	ND	0.191	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to correct the Sample Matrix for Sample DUP001.

York Analytical Laboratories, Inc.
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Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23D0026

Page 1 of 2

	YOUR Information	Report To:	Invoice To:
Company	PW Grosser Consulting	PW Grosser Consulting	PW Grosser Consulting
Address	630 Johnson Ave, Bohemia, NY, Suite 7	630 Johnson Ave, Suite 7, Bohemia, NY	630 Johnson Ave, Suite 7, Bohemia, NY
Phone	631-609-1870	631-609-1870	631-609-1870
Contact	Usman Chaudhry	Usman Chaudhry	Usman Chaudhry
E-mail	uchaudhry@pwgrosser.com	Uchaudhry@pwgrosser.com	Uchaudhry@pwgrosser.com

YOUR Project Number: BAE 2202

YOUR Project Name: BAE2202

YOUR PO#:

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Usman Chaudhry

Samples Collected by: (print your name above and sign below)

[signature]

Air Matrix Codes
- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report ✓ (circled); QA Report; NY ASP A Package; NY ASP B Package ✓; Other:; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliv.; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS (circled); NJDEP SRP HazSite

YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
MP-1	3-31-23 / 7:06PM	Subslab	-30	-7.89	34498	13573	VOCs
MP-2	3-31-23 / 7:01pm	Subslab	-29.70	-6.32	23200	6865	VOCs
MP-3	3-31-23 / 6:53PM	Subslab	-30	-7	28307	12183	VOCs
MP-4	3-31-23 / 6:51PM	SubSlab	-30	-6.03	40120	13559	VOCs
MP-5	3-31-23 / 6:48PM	SubSlab	-30	-6	23156	6863	VOCs
MP-6	3-31-23 / 6:46PM	SubSlab	-30	-7.96	16156	4764	VOCs
MP-7	3-31-23 / 6:35PM	SubSlab	-30	-7	28841	7362	VOCs
MP-8	3-31-23 / 6:27PM	SubSlab	-30	-8	28837	3540	VOCs
MP-9	3-31-23 / 6:41PM	SubSlab	-30	-8.66	42992	Y-34	VOCs
MP-10	3-31-23 / 6:24PM	SubSlab	-30	-6.10	34496	7364	VOCs

Comments:

Detection Limits Required: ≤ 1 ug/m³ ___ NYSDEC V1 Limits ___ Routine Survey ___ Other ___

Sampling Media: 6 Liter Canister ✓; Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature] / PWGC	4/3/23 11:00AM	K Barkyork	4/3/23 11:00AM	K Barkyork	4/3/23 1635

Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
TC Mehl / YORK	4/3/23 1635	[signature]	4/3/23	Victor D. York	4/3/23 19:45

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Victor D. York				[signature] York	04/05/23 12:00

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23D0026

Page 2 of 2

YOUR Information	Report To:	Invoice To:	YOUR Project Number
Company: PW Grosser Consulting	Company: PW Grosser Consulting	Company: PW Grosser Consulting	BAE 2202
Address: 630 Johnson Ave Suite 7, Bohemia, NY	Address: 630 Johnson Ave Suite 7, Bohemia, NY	Address: 630 Johnson Ave Suite 7, Bohemia, NY	YOUR Project Name: BAE 2202
Phone: 631-609-1870	Phone: 631-609-1870	Phone: 631-609-1870	
Contact: Usman Chaudhry	Contact: Usman Chaudhry	Contact: Usman Chaudhry	
E-mail: uchaudhry@pwgrosser.com	E-mail: uchaudhry@pwgrosser.com	E-mail: uchaudhry@pwgrosser.com	YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Usman Chaudhry

Samples Collected by: (print your name above and sign below)

Usman Chaudhry [signature]

Air Matrix Codes
- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From
- New York ✓
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS (circled)
✓ NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
MP-11	3-31-23 16:22 pm	Sub Slab	-30	~~10013~~ -6	18043	13569	VOCs
IA001	~~3-31-23~~ 3-31-23 15:31 pm	Indoor Air	-30	-5.81	23197	5607	VOCs
IA002	3-31-23 16:01 pm	Indoor Air	-29.18	-4.93	22081	5604	VOCs
IA003	3-31-23 16:40 pm	Indoor Air	-29.48	-6.54	23941	Y-11	VOCs
IA004	3-31-23 17:05 pm	Indoor Air	-30	-4	37007	5610	VOCs
OA001	3-31-23 17:12 pm	Outdoor Air	-31	-8	20755	6877	VOCs
Dup001	3-31-23 —	—	-30	—	28314	6873	VOCs

Comments:

Detection Limits Required
≤ 1 ug/m³ ____ NYSDEC V1 Limits ____
Routine Survey ____ Other ____

Sampling Media
- 6 Liter Canister ✓
- Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature] / PWGC	4/3/23 1:10 PM	K Bardy York	4/3/23 1:10 PM	K Bardy York	4/3/23 1635
Samples Received by / Company	**Date/Time**	**Samples Relinquished by / Company**	**Date/Time**	**Samples Received by / Company**	**Date/Time**
TC [signature] / YORK	4/3/23 1635	[signature]	4/3/23	Victor D. York	4/3/23 19:45
Samples Relinquished by / Company	**Date/Time**	**Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time**
Victor D. York				[signature] York	4/5/23 12:00

Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Usman Chaudhry

Report Date: 11/27/2023
Client Project ID: BAE2202 BAE SYSTEMS SSVM CLOSURE
York Project (SDG) No.: 23K0812

Report Date: 11/27/2023
Client Project ID: BAE2202 BAE SYSTEMS SSVM CLOSURE
York Project (SDG) No.: 23K0812

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Usman Chaudhry

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 13, 2023 and listed below. The project was identified as your project: **BAE2202 BAE SYSTEMS SSVM CLOSURE**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23K0812-01	MP-1	Soil Vapor	11/10/2023	11/13/2023
23K0812-02	MP-2	Soil Vapor	11/10/2023	11/13/2023
23K0812-03	MP-3	Soil Vapor	11/10/2023	11/13/2023
23K0812-04	MP-4	Soil Vapor	11/10/2023	11/13/2023
23K0812-05	MP-5	Soil Vapor	11/10/2023	11/13/2023
23K0812-06	MP-6	Soil Vapor	11/10/2023	11/13/2023
23K0812-07	MP-7	Soil Vapor	11/10/2023	11/13/2023
23K0812-08	MP-8	Soil Vapor	11/10/2023	11/13/2023
23K0812-09	MP-9	Soil Vapor	11/10/2023	11/13/2023
23K0812-10	MP-10	Soil Vapor	11/10/2023	11/13/2023
23K0812-11	MP-11	Soil Vapor	11/10/2023	11/13/2023
23K0812-12	IA-1	Indoor Ambient Air	11/10/2023	11/13/2023
23K0812-13	IA-2	Indoor Ambient Air	11/10/2023	11/13/2023
23K0812-14	IA-3	Indoor Ambient Air	11/10/2023	11/13/2023
23K0812-15	IA-4	Indoor Ambient Air	11/10/2023	11/13/2023
23K0812-16	DUP001	Indoor Ambient Air	11/10/2023	11/13/2023
23K0812-17	OA-1	Outdoor Ambient Ai	11/10/2023	11/13/2023

General Notes for York Project (SDG) No.: 23K0812

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 11/27/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MP-1** **York Sample ID:** **23K0812-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 4:38 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.24	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**12.1**		ug/m³	1.78	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.24	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.50	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.78	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.32	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.647	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-LCS-L	ug/m³	2.42	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.61	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.51	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.96	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.32	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.51	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.28	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.61	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	2.17	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.96	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.51	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.96	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	2.35	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-1 **York Sample ID:** 23K0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 4:38 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**36.8**		ug/m³	0.963	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	2.68	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	5.11	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.34	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**130**		ug/m³	1.55	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**1.91**	B	ug/m³	1.42	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	Benzene	ND		ug/m³	1.04	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	1.69	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	2.19	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	3.38	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	1.27	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	**Carbon disulfide**	**4.48**		ug/m³	1.02	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.514	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	1.50	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	**Chloroethane**	**1.81**		ug/m³	0.862	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	1.59	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**0.674**		ug/m³	0.674	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	**cis-1,2-Dichloroethylene**	**0.777**		ug/m³	0.647	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.48	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**288**		ug/m³	1.12	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	2.78	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**3.39**		ug/m³	1.62	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MP-1** **York Sample ID:** **23K0812-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 4:38 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m³	2.35	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.40**		ug/m³	1.42	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND	TO-CCV, TO-LCS-L	ug/m³	3.48	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**130**		ug/m³	4.01	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	1.34	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.18	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	2.27	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**22.4**		ug/m³	1.34	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**166**		ug/m³	1.15	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**3.55**		ug/m³	1.42	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**12.8**		ug/m³	2.84	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.61	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.562	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:			
100-42-5	**Styrene**	**1.53**		ug/m³	1.39	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**251**		ug/m³	2.22	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	*** Tetrahydrofuran**	**10.0**		ug/m³	1.93	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:			
108-88-3	**Toluene**	**8.86**		ug/m³	1.23	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**160**		ug/m³	1.29	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.48	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**4.74**		ug/m³	0.439	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**13.8**		ug/m³	1.84	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-1 **York Sample ID:** 23K0812-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 4:38 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m³	1.15	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	1.43	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.417	3.266	EPA TO-15	11/20/2023 10:00	11/23/2023 10:12	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23K0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 4:35 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.20	1.751	EPA TO-15 Certifications:	11/20/2023 10:00	11/23/2023 11:55	VH
71-55-6	**1,1,1-Trichloroethane**	**74.6**		ug/m³	0.955	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.20	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**17.0**		ug/m³	1.34	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
79-00-5	**1,1,2-Trichloroethane**	**1.72**		ug/m³	0.955	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
75-34-3	**1,1-Dichloroethane**	**0.921**		ug/m³	0.709	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
75-35-4	**1,1-Dichloroethylene**	**1.53**		ug/m³	0.347	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-LCS-L	ug/m³	1.30	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.861	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.35	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.05	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.709	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.809	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.22	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.861	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.16	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.05	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.809	1.751	EPA TO-15 Certifications:	11/20/2023 10:00	11/23/2023 11:55	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.05	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
123-91-1	**1,4-Dioxane**	**7.07**		ug/m³	1.26	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH
78-93-3	**2-Butanone**	**4.65**		ug/m³	0.516	1.751	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/23/2023 11:55	VH

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23K0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 4:35 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**1.65**		ug/m³	1.43	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.74	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.717	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**18.4**		ug/m³	0.832	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**2.01**	B	ug/m³	0.760	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	0.559	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.907	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	1.17	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.81	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	**Bromomethane**	**0.680**		ug/m³	0.680	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**4.91**		ug/m³	0.545	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.441**		ug/m³	0.275	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.806	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	**Chloroethane**	**1.15**		ug/m³	0.462	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**1.11**		ug/m³	0.855	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**4.09**		ug/m³	0.362	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	**cis-1,2-Dichloroethylene**	**0.625**		ug/m³	0.347	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.795	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**139**		ug/m³	0.603	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	1.49	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**4.16**		ug/m³	0.866	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	1.26	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:			

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23K0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 4:35 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**2.36**		ug/m³	0.760	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND	TO-CCV, TO-LCS-L	ug/m³	1.87	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**13.6**		ug/m³	2.15	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.717	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.631	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	1.22	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
142-82-5	**n-Heptane**	**11.7**		ug/m³	0.718	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**76.3**		ug/m³	0.617	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**2.36**		ug/m³	0.760	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**8.29**		ug/m³	1.52	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**0.861**		ug/m³	0.861	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.301	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:			
100-42-5	**Styrene**	**1.19**		ug/m³	0.746	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**138**		ug/m³	1.19	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	*** Tetrahydrofuran**	**1.03**		ug/m³	1.03	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:			
108-88-3	**Toluene**	**6.14**		ug/m³	0.660	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	**trans-1,2-Dichloroethylene**	**23.0**		ug/m³	0.694	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.795	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**32.8**		ug/m³	0.235	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**17.2**		ug/m³	0.984	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.617	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23K0812-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 4:35 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	0.766	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.224	1.751	EPA TO-15	11/20/2023 10:00	11/23/2023 11:55	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **MP-3** **York Sample ID:** **23K0812-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 12:18 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.01	1.472	EPA TO-15 Certifications:	11/20/2023 10:00	11/22/2023 02:42	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.803	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.01	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.13	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.803	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.596	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.292	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.09	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
95-63-6	**1,2,4-Trimethylbenzene**	**0.868**		ug/m³	0.724	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.13	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.885	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.596	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
78-87-5	1,2-Dichloropropane	ND	TO-LCS-L	ug/m³	0.680	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV, TO-LCS-L	ug/m³	1.03	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.724	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
106-99-0	1,3-Butadiene	ND	TO-CCV, TO-LCS-L	ug/m³	0.977	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.885	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.680	1.472	EPA TO-15 Certifications:	11/20/2023 10:00	11/22/2023 02:42	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.885	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.06	1.472	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 02:42	VH

Sample Information

Client Sample ID: MP-3 **York Sample ID:** 23K0812-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 12:18 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**16.2**		ug/m³	0.434	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND	TO-CCV, TO-LCS-L	ug/m³	1.21	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.30	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	**4-Methyl-2-pentanone**	**4.58**	TO-CCV, TO-LCS-L	ug/m³	0.603	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**32.1**		ug/m³	0.699	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**0.639**	B	ug/m³	0.639	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	Benzene	ND		ug/m³	0.470	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.762	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.986	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.52	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.572	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	**Carbon disulfide**	**0.458**		ug/m³	0.458	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.741**	TO-CCV, TO-LCS-H	ug/m³	0.232	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.678	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	**Chloroethane**	**1.05**		ug/m³	0.388	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.719	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**0.638**	TO-CCV, TO-LCS-L	ug/m³	0.304	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.292	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.668	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MP-3** **York Sample ID:** **23K0812-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 12:18 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	**Cyclohexane**	**68.4**		ug/m³	0.507	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.25	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**4.66**	TO-LCS-H	ug/m³	0.728	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	1.06	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.34**		ug/m³	0.639	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE, TO-LCS-L	ug/m³	1.57	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**176**		ug/m³	1.81	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.603	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.531	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	**Methylene chloride**	**2.15**		ug/m³	1.02	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
142-82-5	**n-Heptane**	**5.55**		ug/m³	0.603	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**43.9**		ug/m³	0.519	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**1.47**		ug/m³	0.639	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**4.67**		ug/m³	1.28	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**0.796**		ug/m³	0.724	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.253	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.627	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**3.89**		ug/m³	0.998	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.868	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:			
108-88-3	**Toluene**	**4.77**		ug/m³	0.555	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.584	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MP-3 **York Sample ID:** 23K0812-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 12:18 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.668	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.198	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**16.1**	TO-CCV, TO-LCS-H	ug/m³	0.827	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.518	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.644	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.188	1.472	EPA TO-15	11/20/2023 10:00	11/22/2023 02:42	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-4 **York Sample ID:** 23K0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:01 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.40	2.039	EPA TO-15 Certifications:	11/20/2023 10:00	11/22/2023 03:35	VH
71-55-6	**1,1,1-Trichloroethane**	**10.6**	TO-CCV, TO-LCS-H	ug/m³	1.11	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.40	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.56	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.11	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.825	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.404	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.51	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.00	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.57	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.23	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.825	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
78-87-5	1,2-Dichloropropane	ND	TO-LCS-L	ug/m³	0.942	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV, TO-LCS-L	ug/m³	1.43	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.00	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
106-99-0	1,3-Butadiene	ND	TO-CCV, TO-LCS-L	ug/m³	1.35	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.23	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.942	2.039	EPA TO-15 Certifications:	11/20/2023 10:00	11/22/2023 03:35	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.23	2.039	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/22/2023 03:35	VH

Sample Information

Client Sample ID: MP-4 **York Sample ID:** 23K0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:01 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	1.47	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**17.2**		ug/m³	0.601	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND	TO-CCV, TO-LCS-L	ug/m³	1.67	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	3.19	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**1.75**	TO-CCV, TO-LCS-L	ug/m³	0.835	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**39.0**		ug/m³	0.969	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**2.35**	B	ug/m³	0.885	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	0.651	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	1.06	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	1.37	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	2.11	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.792	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**1.14**		ug/m³	0.635	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.513**	TO-CCV, TO-LCS-H	ug/m³	0.321	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.939	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.538	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.996	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	Chloromethane	ND	TO-CCV, TO-LCS-L	ug/m³	0.421	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-4 **York Sample ID:** 23K0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:01 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.404	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.925	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**97.2**		ug/m³	0.702	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.74	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**3.73**	TO-LCS-H	ug/m³	1.01	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	1.47	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.68**		ug/m³	0.885	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE, TO-LCS-L	ug/m³	2.17	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**163**		ug/m³	2.51	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.835	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.735	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	1.42	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
142-82-5	**n-Heptane**	**4.85**		ug/m³	0.836	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**42.8**		ug/m³	0.719	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**1.77**		ug/m³	0.885	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**6.29**		ug/m³	1.77	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.00	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.351	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:			
100-42-5	**Styrene**	**1.65**		ug/m³	0.869	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**255**		ug/m³	1.38	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.20	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications:			

Sample Information

Client Sample ID: MP-4 **York Sample ID:** 23K0812-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:01 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**3.38**		ug/m³	0.768	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	**trans-1,2-Dichloroethylene**	**0.889**		ug/m³	0.808	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.925	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**5.37**		ug/m³	0.274	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**17.9**	TO-CCV, TO-LCS-H	ug/m³	1.15	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.718	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.892	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND	TO-CCV, TO-LCS-L	ug/m³	0.261	2.039	EPA TO-15	11/20/2023 10:00	11/22/2023 03:35	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MP-5 **York Sample ID:** 23K0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:15 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.28	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**1.73**		ug/m³	1.02	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.28	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.43	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.02	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.756	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.370	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	ICVE, TO-CCV, TO-LCS-L	ug/m³	1.39	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.918	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.43	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.12	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.756	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.863	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	1.31	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.918	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	1.24	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.12	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.863	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.12	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.35	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **MP-5** **York Sample ID:** **23K0812-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:15 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**18.2**		ug/m³	0.551	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	1.53	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.92	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	**4-Methyl-2-pentanone**	**2.98**		ug/m³	0.765	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**34.9**		ug/m³	0.887	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**1.13**	B	ug/m³	0.810	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	Benzene	ND		ug/m³	0.596	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.967	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	1.25	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.93	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.725	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	**Carbon disulfide**	**0.756**		ug/m³	0.581	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.470**		ug/m³	0.294	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.860	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.493	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.912	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**0.655**		ug/m³	0.386	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.370	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.847	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**76.8**		ug/m³	0.643	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.59	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MP-5 **York Sample ID:** 23K0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:15 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**2.86**	TO-CCV, TO-LCS-L	ug/m³	0.923	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.35	1.867	EPA TO-15 Certifications:	11/20/2023 10:00	11/26/2023 01:48	VH
100-41-4	**Ethyl Benzene**	**2.03**		ug/m³	0.811	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
87-68-3	Hexachlorobutadiene	ND	TO-CCV, TO-LCS-L	ug/m³	1.99	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
67-63-0	**Isopropanol**	**158**		ug/m³	2.29	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.764	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.673	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
75-09-2	Methylene chloride	ND		ug/m³	1.30	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
142-82-5	**n-Heptane**	**6.73**		ug/m³	0.765	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
110-54-3	**n-Hexane**	**35.3**		ug/m³	0.658	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
95-47-6	**o-Xylene**	**2.35**		ug/m³	0.811	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
179601-23-1	**p- & m- Xylenes**	**8.03**		ug/m³	1.62	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.918	1.867	EPA TO-15 Certifications:	11/20/2023 10:00	11/26/2023 01:48	VH
115-07-1	* Propylene	ND	TO-CCV, TO-LCS-L	ug/m³	0.321	1.867	EPA TO-15 Certifications:	11/20/2023 10:00	11/26/2023 01:48	VH
100-42-5	**Styrene**	**1.75**		ug/m³	0.795	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
127-18-4	**Tetrachloroethylene**	**23.7**		ug/m³	1.27	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.10	1.867	EPA TO-15 Certifications:	11/20/2023 10:00	11/26/2023 01:48	VH
108-88-3	**Toluene**	**4.15**		ug/m³	0.704	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH
156-60-5	**trans-1,2-Dichloroethylene**	**0.962**		ug/m³	0.740	1.867	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/20/2023 10:00	11/26/2023 01:48	VH

Sample Information

Client Sample ID: MP-5 **York Sample ID:** 23K0812-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:15 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.847	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**2.51**		ug/m³	0.251	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**15.9**		ug/m³	1.05	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.657	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.817	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.239	1.867	EPA TO-15	11/20/2023 10:00	11/26/2023 01:48	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-6 **York Sample ID:** 23K0812-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:22 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	4.78	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	3.80	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.78	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	5.33	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.80	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.82	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.38	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	5.16	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	3.42	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	5.34	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.18	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.82	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.21	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	4.86	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	3.42	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	4.62	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	4.18	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.21	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	4.18	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	5.01	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**62.8**		ug/m³	2.05	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	5.70	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:			

Sample Information

Client Sample ID: MP-6 **York Sample ID:** 23K0812-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:22 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	10.9	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.85	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	Acetone	ND		ug/m³	3.30	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	3.02	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	2.22	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	3.60	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	4.66	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	7.19	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	2.70	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**4.77**		ug/m³	2.17	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	Carbon tetrachloride	ND		ug/m³	1.09	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	3.20	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	1.84	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	3.40	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**2.44**		ug/m³	1.44	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.38	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.16	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**628**		ug/m³	2.39	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	5.93	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.44	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	5.01	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**4.53**		ug/m³	3.02	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-6 **York Sample ID:** 23K0812-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:22 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	7.42	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**86.7**		ug/m³	8.55	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	2.85	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.51	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	4.83	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**57.9**		ug/m³	2.85	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**179**		ug/m³	2.45	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**4.23**		ug/m³	3.02	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**17.2**		ug/m³	6.04	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	3.42	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:			
115-07-1	*** Propylene**	**2.39**		ug/m³	1.20	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:			
100-42-5	**Styrene**	**2.96**		ug/m³	2.96	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**27.8**		ug/m³	4.72	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	4.10	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:			
108-88-3	**Toluene**	**11.3**		ug/m³	2.62	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.76	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.16	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**4.86**		ug/m³	0.935	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**21.1**		ug/m³	3.91	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	2.45	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	3.04	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.889	6.956	EPA TO-15	11/25/2023 10:00	11/25/2023 17:59	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **MP-6** **York Sample ID:** **23K0812-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:22 pm	11/13/2023

Sample Information

Client Sample ID: MP-7 **York Sample ID:** 23K0812-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:35 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.29	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**10.7**		ug/m³	1.82	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.29	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.55	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.82	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.35	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.661	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.47	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.64	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.56	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.00	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.35	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.54	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.33	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.64	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	2.21	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.00	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.54	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.00	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	2.40	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**129**		ug/m³	0.983	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	*** 2-Hexanone**	**24.7**		ug/m³	2.73	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:			

Sample Information

Client Sample ID: MP-7 **York Sample ID:** 23K0812-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:35 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	5.21	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.36	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**302**		ug/m³	1.58	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	1.45	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	1.06	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	1.73	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	2.23	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	3.44	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	1.29	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**3.84**		ug/m³	1.04	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.524	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	1.53	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	**Chloroethane**	**3.52**		ug/m³	0.879	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**2.28**		ug/m³	1.63	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.65**		ug/m³	0.688	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.661	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.51	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**419**		ug/m³	1.15	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	2.84	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.80**		ug/m³	1.65	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	2.40	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.76**		ug/m³	1.45	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-7 **York Sample ID:** 23K0812-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:35 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.55	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**762**	E	ug/m³	4.10	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	1.36	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.20	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	2.31	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**34.7**		ug/m³	1.37	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**254**		ug/m³	1.17	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**4.77**		ug/m³	1.45	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**15.9**		ug/m³	2.89	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.64	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.573	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:			
100-42-5	**Styrene**	**2.98**		ug/m³	1.42	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**90.4**		ug/m³	2.26	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.97	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:			
108-88-3	**Toluene**	**9.42**		ug/m³	1.26	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.32	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.51	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**15.4**		ug/m³	0.448	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**9.55**		ug/m³	1.87	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	1.17	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	1.46	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.426	3.332	EPA TO-15	11/25/2023 10:00	11/25/2023 19:56	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **MP-7** **York Sample ID:** **23K0812-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:35 pm	11/13/2023

Sample Information

Client Sample ID: **MP-8** **York Sample ID:** **23K0812-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:34 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.24	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**4.62**		ug/m³	1.78	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.24	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.50	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.78	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.32	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.646	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.42	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.60	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.50	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.96	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.32	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.51	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.28	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.60	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	2.16	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.96	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.51	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.96	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	2.35	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**35.2**		ug/m³	0.961	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	2.67	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:			

Sample Information

Client Sample ID: MP-8 **York Sample ID:** 23K0812-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:34 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	5.10	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.34	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**90.1**		ug/m³	1.55	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	1.41	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	1.04	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	1.69	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	2.18	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	3.37	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	1.27	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	1.02	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.513	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	1.50	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	**Chloroethane**	**1.98**		ug/m³	0.860	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**2.07**		ug/m³	1.59	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**0.808**		ug/m³	0.673	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	**cis-1,2-Dichloroethylene**	**1.16**		ug/m³	0.646	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.48	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**237**		ug/m³	1.12	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	2.78	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.74**		ug/m³	1.61	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	2.35	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.11**		ug/m³	1.42	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-8 **York Sample ID:** 23K0812-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:34 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.48	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**973**	E	ug/m³	4.01	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	1.33	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.18	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	2.26	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**19.2**		ug/m³	1.34	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**126**		ug/m³	1.15	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**3.40**		ug/m³	1.42	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**12.5**		ug/m³	2.83	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.60	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:			
115-07-1	*** Propylene**	**1.57**		ug/m³	0.561	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:			
100-42-5	**Styrene**	**2.64**		ug/m³	1.39	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**75.2**		ug/m³	2.21	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.92	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:			
108-88-3	**Toluene**	**7.62**		ug/m³	1.23	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**1.29**		ug/m³	1.29	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.48	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**34.5**		ug/m³	0.438	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**6.78**		ug/m³	1.83	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	1.15	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	1.43	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.417	3.26	EPA TO-15	11/25/2023 10:00	11/25/2023 20:55	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **MP-8** **York Sample ID:** **23K0812-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:34 pm	11/13/2023

Sample Information

Client Sample ID: MP-9 **York Sample ID:** 23K0812-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:29 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.25	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**4.84**		ug/m³	1.79	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.25	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.52	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.79	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	**1,1-Dichloroethane**	**2.92**		ug/m³	1.33	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.651	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.44	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.61	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.52	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.97	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.33	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.52	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.30	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.61	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	2.18	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.97	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.52	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.97	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	2.37	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**40.3**		ug/m³	0.969	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	*** 2-Hexanone**	**4.17**		ug/m³	2.69	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:			

Sample Information

Client Sample ID: MP-9 **York Sample ID:** 23K0812-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:29 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	5.14	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.35	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	Acetone	ND		ug/m³	1.56	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**1.43**		ug/m³	1.43	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	1.05	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	1.70	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	2.20	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	3.39	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	1.28	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**2.76**		ug/m³	1.02	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.517	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	1.51	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	**Chloroethane**	**1.13**		ug/m³	0.866	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**3.21**		ug/m³	1.60	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**0.882**		ug/m³	0.678	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	**cis-1,2-Dichloroethylene**	**20.3**		ug/m³	0.651	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.49	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**282**		ug/m³	1.13	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	2.80	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.76**		ug/m³	1.62	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	2.37	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.71**		ug/m³	1.43	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-9 **York Sample ID:** 23K0812-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:29 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.50	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**117**		ug/m³	4.04	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	1.34	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.18	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	2.28	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**24.0**		ug/m³	1.35	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**117**		ug/m³	1.16	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**3.99**		ug/m³	1.43	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**15.7**		ug/m³	2.85	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.61	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:			
115-07-1	*** Propylene**	**1.19**		ug/m³	0.565	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:			
100-42-5	**Styrene**	**2.94**		ug/m³	1.40	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**199**		ug/m³	2.23	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.94	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:			
108-88-3	**Toluene**	**9.03**		ug/m³	1.24	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**7.68**		ug/m³	1.30	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.49	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**152**		ug/m³	0.441	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**16.2**		ug/m³	1.85	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	1.16	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	1.44	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.420	3.284	EPA TO-15	11/25/2023 10:00	11/25/2023 21:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **MP-9** **York Sample ID:** **23K0812-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:29 pm	11/13/2023

Sample Information

Client Sample ID: **MP-10** **York Sample ID:** **23K0812-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:24 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.18	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.936	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.18	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.31	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.936	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.694	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.340	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.27	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**1.35**		ug/m³	0.843	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.32	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.03	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.694	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.792	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.20	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.843	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	1.14	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.03	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.793	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.03	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.24	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**63.3**		ug/m³	0.506	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	1.41	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:			

Sample Information

Client Sample ID: MP-10 **York Sample ID:** 23K0812-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:24 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.68	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	**4-Methyl-2-pentanone**	**18.4**		ug/m³	0.703	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**67.7**		ug/m³	0.815	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	0.744	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	Benzene	ND		ug/m³	0.548	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.888	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	1.15	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	1.77	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.666	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	**Carbon disulfide**	**0.694**		ug/m³	0.534	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.432**		ug/m³	0.270	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.790	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.452	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	**Chloroform**	**0.837**		ug/m³	0.837	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**0.744**		ug/m³	0.354	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	**cis-1,2-Dichloroethylene**	**1.50**		ug/m³	0.340	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.778	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**68.9**		ug/m³	0.590	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.46	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**2.71**		ug/m³	0.848	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	1.24	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.53**		ug/m³	0.745	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MP-10 **York Sample ID:** 23K0812-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:24 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.83	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**1080**	E	ug/m³	2.11	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.702	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.618	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	1.19	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
142-82-5	**n-Heptane**	**5.83**		ug/m³	0.703	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**31.9**		ug/m³	0.604	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**2.83**		ug/m³	0.745	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**10.8**		ug/m³	1.49	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**1.01**		ug/m³	0.843	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:			
115-07-1	*** Propylene**	**0.974**		ug/m³	0.295	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:			
100-42-5	**Styrene**	**2.63**		ug/m³	0.731	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**42.1**		ug/m³	1.16	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.01	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications:			
108-88-3	**Toluene**	**4.39**		ug/m³	0.646	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.680	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.778	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**33.9**		ug/m³	0.230	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**7.23**		ug/m³	0.964	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.604	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.750	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.219	1.715	EPA TO-15	11/25/2023 10:00	11/25/2023 22:57	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MP-10** **York Sample ID:** **23K0812-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:24 pm	11/13/2023

Sample Information

Client Sample ID: **MP-11** **York Sample ID:** **23K0812-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:21 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	5.89	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	4.68	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	5.89	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	6.58	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.68	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.47	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.70	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	6.37	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	4.22	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	6.60	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	5.16	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.47	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.97	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	6.00	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	4.22	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	5.70	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	5.16	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.97	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	5.16	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	6.19	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**133**		ug/m³	2.53	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	7.03	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:			

Sample Information

Client Sample ID: MP-11 **York Sample ID:** 23K0812-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:21 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	13.4	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**46.8**		ug/m³	3.52	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**585**		ug/m³	4.08	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	3.73	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	2.74	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	4.44	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	5.75	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	8.87	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	3.33	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	2.67	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	Carbon tetrachloride	ND		ug/m³	1.35	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	3.95	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	2.27	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	4.19	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	Chloromethane	ND		ug/m³	1.77	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	**cis-1,2-Dichloroethylene**	**9.53**		ug/m³	1.70	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.90	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**136**		ug/m³	2.96	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	7.31	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.25	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	6.19	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**4.85**		ug/m³	3.73	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MP-11 **York Sample ID:** 23K0812-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:21 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	9.16	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**3880**	E	ug/m³	10.6	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	3.51	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.10	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	5.96	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**9.50**		ug/m³	3.52	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**56.6**		ug/m³	3.03	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**5.59**		ug/m³	3.73	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**20.5**		ug/m³	7.46	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	4.22	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:			
115-07-1	*** Propylene**	**1.48**		ug/m³	1.48	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:			
100-42-5	Styrene	ND		ug/m³	3.66	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**1290**		ug/m³	5.82	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	5.06	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:			
108-88-3	**Toluene**	**5.18**		ug/m³	3.24	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.40	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.90	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**137**		ug/m³	1.15	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**5.31**		ug/m³	4.82	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	3.02	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	3.76	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	1.10	8.585	EPA TO-15	11/25/2023 10:00	11/25/2023 23:54	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **MP-11** **York Sample ID:** **23K0812-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Soil Vapor	November 10, 2023 5:21 pm	11/13/2023

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 23K0812-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:33 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.647	0.942	EPA TO-15 Certifications:	11/25/2023 10:00	11/26/2023 03:10	YR/
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.514	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.647	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.722	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.514	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.381	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.187	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.699	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
95-63-6	**1,2,4-Trimethylbenzene**	**0.972**		ug/m³	0.463	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.724	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.566	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.381	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.435	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.659	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.463	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
106-99-0	1,3-Butadiene	ND		ug/m³	0.625	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.566	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.435	0.942	EPA TO-15 Certifications:	11/25/2023 10:00	11/26/2023 03:10	YR/
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.566	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
123-91-1	1,4-Dioxane	ND		ug/m³	0.679	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
78-93-3	**2-Butanone**	**39.8**		ug/m³	0.278	0.942	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	11/25/2023 10:00	11/26/2023 03:10	YR/
591-78-6	* 2-Hexanone	ND		ug/m³	0.772	0.942	EPA TO-15 Certifications:	11/25/2023 10:00	11/26/2023 03:10	YR/

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 23K0812-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:33 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.47	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**13.1**		ug/m³	0.386	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**20.7**		ug/m³	0.448	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**1.72**		ug/m³	0.409	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**0.752**		ug/m³	0.301	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.488	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.631	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	0.974	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.366	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.293	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.415**		ug/m³	0.148	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.434	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.249	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.460	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.24**		ug/m³	0.195	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.187	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.428	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.324	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.802	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.47**		ug/m³	0.466	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	0.679	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.60**		ug/m³	0.409	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-1 **York Sample ID:** 23K0812-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:33 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.00	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**845**	E	ug/m³	1.16	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.386	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.340	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	0.654	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	0.386	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**0.631**		ug/m³	0.332	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**2.21**		ug/m³	0.409	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**6.79**		ug/m³	0.818	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**0.556**		ug/m³	0.463	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:			
115-07-1	*** Propylene**	**1.20**		ug/m³	0.162	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.401	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**1.21**		ug/m³	0.639	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.556	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:			
108-88-3	**Toluene**	**2.48**		ug/m³	0.355	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.373	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.428	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**0.152**		ug/m³	0.127	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**5.93**		ug/m³	0.529	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.332	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.412	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.120	0.942	EPA TO-15	11/25/2023 10:00	11/26/2023 03:10	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **IA-1** **York Sample ID:** **23K0812-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:33 pm	11/13/2023

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 23K0812-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:35 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.578	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.459	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.578	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.645**		ug/m³	0.645	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.459	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.341	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.167	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.625	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.414	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.647	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.506	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.341	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.389	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.589	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.414	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.559	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.506	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.389	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.506	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	0.607	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**29.2**		ug/m³	0.248	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	0.690	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:			

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 23K0812-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:35 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.32	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**10.3**		ug/m³	0.345	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**63.6**		ug/m³	0.400	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**1.26**		ug/m³	0.365	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**0.753**		ug/m³	0.269	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.436	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.564	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	0.870	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.327	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.262	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.477**		ug/m³	0.132	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.388	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.222	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.411	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.23**		ug/m³	0.174	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.167	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.382	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.290	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.717	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.58**		ug/m³	0.416	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	*** Ethyl acetate**	**0.607**		ug/m³	0.607	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.32**		ug/m³	0.366	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-2 **York Sample ID:** 23K0812-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:35 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.898	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**578**	E	ug/m³	1.03	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.345	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.304	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	0.585	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	0.345	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**0.594**		ug/m³	0.297	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.79**		ug/m³	0.366	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**5.45**		ug/m³	0.731	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.414	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.145	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.359	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**0.571**		ug/m³	0.571	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.497	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:			
108-88-3	**Toluene**	**2.00**		ug/m³	0.317	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.334	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.382	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.113	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**8.00**		ug/m³	0.473	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.296	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.368	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.108	0.842	EPA TO-15	11/25/2023 10:00	11/26/2023 04:20	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **IA-2** **York Sample ID:** **23K0812-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:35 pm	11/13/2023

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 23K0812-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:13 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.631	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.501	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.631	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.704	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.501	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.372	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.182	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.682	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**0.632**		ug/m³	0.452	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.706	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.553	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.372	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.425	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.642	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.452	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.610	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.553	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.425	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.553	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	0.662	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**23.6**		ug/m³	0.271	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	0.753	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:			

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 23K0812-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:13 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.44	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**11.0**		ug/m³	0.376	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**35.6**		ug/m³	0.437	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	0.399	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**1.32**		ug/m³	0.294	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.476	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.616	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	0.950	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.357	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.286	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.463**		ug/m³	0.145	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.423	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.242	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.449	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.12**		ug/m³	0.190	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.182	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.417	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.316	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.783	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**3.00**		ug/m³	0.454	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	*** Ethyl acetate**	**1.03**		ug/m³	0.662	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.32**		ug/m³	0.399	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: IA-3 **York Sample ID:** 23K0812-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:13 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.980	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**186**	E	ug/m³	1.13	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.376	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.331	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**1.28**		ug/m³	0.638	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	0.377	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**0.713**		ug/m³	0.324	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.68**		ug/m³	0.399	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**5.43**		ug/m³	0.798	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**0.452**		ug/m³	0.452	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.158	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.391	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**0.623**		ug/m³	0.623	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.542	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:			
108-88-3	**Toluene**	**2.29**		ug/m³	0.346	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.364	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.417	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.123	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**16.3**		ug/m³	0.516	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.324	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.402	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.117	0.919	EPA TO-15	11/25/2023 10:00	11/26/2023 05:29	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **IA-3** **York Sample ID:** **23K0812-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 5:13 pm	11/13/2023

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 23K0812-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 4:45 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.634	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.504	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.634	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.707	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.504	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.374	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.183	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.685	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**0.817**		ug/m³	0.454	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.709	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.555	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.374	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.427	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	**1,2-Dichlorotetrafluoroethane**	**1.35**		ug/m³	0.645	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.454	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.613	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.555	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.427	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.555	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	0.665	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**22.5**		ug/m³	0.272	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	0.756	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:			

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 23K0812-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 4:45 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.44	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-10-1	**4-Methyl-2-pentanone**	**10.0**		ug/m³	0.378	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**62.6**		ug/m³	0.439	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**1.48**		ug/m³	0.401	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.914**		ug/m³	0.295	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.478	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.618	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	0.954	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.358	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.287	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.465**		ug/m³	0.145	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.425	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.244	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.451	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.18**		ug/m³	0.191	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.183	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.419	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**0.381**		ug/m³	0.318	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.786	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**3.38**		ug/m³	0.456	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**0.964**		ug/m³	0.665	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.72**		ug/m³	0.401	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA-4 **York Sample ID:** 23K0812-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 4:45 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.984	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**249**	E	ug/m³	1.13	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.378	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.333	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**1.73**		ug/m³	0.641	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	0.378	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**1.24**		ug/m³	0.325	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**2.04**		ug/m³	0.401	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**6.77**		ug/m³	0.802	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	*** p-Ethyltoluene**	**0.545**		ug/m³	0.454	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:			
115-07-1	*** Propylene**	**10.4**		ug/m³	0.159	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.393	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.626	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	*** Tetrahydrofuran**	**2.12**		ug/m³	0.544	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:			
108-88-3	**Toluene**	**3.79**		ug/m³	0.348	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**0.549**		ug/m³	0.366	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.419	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.124	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**16.0**		ug/m³	0.519	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.325	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.404	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.118	0.923	EPA TO-15	11/25/2023 10:00	11/26/2023 06:39	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **IA-4** **York Sample ID:** **23K0812-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 4:45 pm	11/13/2023

Sample Information

Client Sample ID: **DUP001** **York Sample ID:** **23K0812-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 3:00 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.562	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.446	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.562	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.627	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.446	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.331	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.162	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.607	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**0.523**		ug/m³	0.402	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.629	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.492	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.331	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.378	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.572	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.402	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.543	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.492	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.378	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.492	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	0.589	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**25.4**		ug/m³	0.241	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	0.670	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:			

Sample Information

Client Sample ID: **DUP001** **York Sample ID:** **23K0812-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 3:00 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.28	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**11.7**		ug/m³	0.335	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**37.0**		ug/m³	0.389	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	0.355	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**0.732**		ug/m³	0.261	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.423	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.548	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	0.846	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.318	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.255	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.463**		ug/m³	0.129	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.377	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.216	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.399	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.22**		ug/m³	0.169	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.162	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.371	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.282	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.697	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**3.16**		ug/m³	0.405	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	*** Ethyl acetate**	**0.973**		ug/m³	0.589	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.35**		ug/m³	0.355	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **DUP001** **York Sample ID:** **23K0812-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 3:00 pm	11/13/2023

VOA, TO15 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.872	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**193**	E	ug/m³	1.01	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.335	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.295	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	0.568	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	0.335	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**0.634**		ug/m³	0.288	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.63**		ug/m³	0.355	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**5.51**		ug/m³	0.710	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.402	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.141	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.348	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.555	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.483	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:			
108-88-3	**Toluene**	**1.88**		ug/m³	0.308	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	**trans-1,2-Dichloroethylene**	**0.324**		ug/m³	0.324	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.371	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.110	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**17.1**		ug/m³	0.460	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.288	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.358	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.105	0.818	EPA TO-15	11/25/2023 10:00	11/26/2023 07:49	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **DUP001** **York Sample ID:** **23K0812-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Indoor Ambient Air	November 10, 2023 3:00 pm	11/13/2023

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 23K0812-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Outdoor Ambient Air	November 10, 2023 5:44 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.609	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.484	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.609	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.680	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.484	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.359	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.176	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.658	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**0.654**		ug/m³	0.436	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.682	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.533	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.359	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.410	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.620	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.436	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.589	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.533	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.410	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.533	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	0.639	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**1.20**		ug/m³	0.262	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	0.727	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:			

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 23K0812-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Outdoor Ambient Air	November 10, 2023 5:44 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.39	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	**4-Methyl-2-pentanone**	**0.509**		ug/m³	0.363	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**17.1**		ug/m³	0.421	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	**Acrylonitrile**	**1.41**		ug/m³	0.385	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**0.822**		ug/m³	0.283	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.459	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.594	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	0.917	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.344	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.276	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.502**		ug/m³	0.140	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.408	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.234	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.433	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.30**		ug/m³	0.183	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.176	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.403	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	0.305	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	0.756	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.59**		ug/m³	0.439	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	0.639	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.58**		ug/m³	0.385	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 23K0812-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Outdoor Ambient Air	November 10, 2023 5:44 pm	11/13/2023

VOA, TO15 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.946	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**10.2**		ug/m³	1.09	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.363	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.320	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	**Methylene chloride**	**0.678**		ug/m³	0.616	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	0.364	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**0.688**		ug/m³	0.313	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**1.35**		ug/m³	0.385	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**5.89**		ug/m³	0.770	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.436	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:			
115-07-1	*** Propylene**	**1.80**		ug/m³	0.153	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.378	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.602	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.523	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:			
108-88-3	**Toluene**	**1.84**		ug/m³	0.334	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.352	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.403	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.119	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.59**		ug/m³	0.498	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.312	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.388	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.113	0.887	EPA TO-15	11/25/2023 10:00	11/26/2023 08:58	YR/
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **OA-1** **York Sample ID:** **23K0812-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23K0812	BAE2202 BAE SYSTEMS SSVM CLOSURE	Outdoor Ambient Air	November 10, 2023 5:44 pm	11/13/2023

Analytical Batch Summary

Batch ID: BK31497 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
23K0812-03	MP-3	11/20/23
23K0812-04	MP-4	11/20/23
BK31497-BLK1	Blank	11/21/23
BK31497-BS1	LCS	11/21/23
BK31497-DUP1	Duplicate	11/21/23

Batch ID: BK31506 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
23K0812-05	MP-5	11/20/23
BK31506-BLK1	Blank	11/20/23
BK31506-BS1	LCS	11/20/23
BK31506-DUP1	Duplicate	11/20/23

Batch ID: BK31536 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
23K0812-01	MP-1	11/20/23
23K0812-02	MP-2	11/20/23
BK31536-BLK1	Blank	11/20/23
BK31536-BS1	LCS	11/20/23

Batch ID: BK31646 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
23K0812-06	MP-6	11/25/23
23K0812-07	MP-7	11/25/23
23K0812-08	MP-8	11/25/23
23K0812-09	MP-9	11/25/23
23K0812-10	MP-10	11/25/23
23K0812-11	MP-11	11/25/23
23K0812-12	IA-1	11/25/23
23K0812-13	IA-2	11/25/23
23K0812-14	IA-3	11/25/23
23K0812-15	IA-4	11/25/23
23K0812-16	DUP001	11/25/23
23K0812-17	OA-1	11/25/23
BK31646-BLK1	Blank	11/25/23
BK31646-BS1	LCS	11/25/23
BK31646-DUP1	Duplicate	11/25/23

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31497 - EPA TO15 PREP											
Blank (BK31497-BLK1)											Prepared & Analyzed: 11/21/2023
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	0.369	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	ND	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31497 - EPA TO15 PREP											
Blank (BK31497-BLK1)								Prepared & Analyzed: 11/21/2023			
n-Hexane	ND	0.352	ug/m³								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BK31497-BS1)								Prepared & Analyzed: 11/21/2023			
1,1,1,2-Tetrachloroethane	11.0		ppbv	10.0		110	70-130				
1,1,1-Trichloroethane	13.8		"	10.0		138	70-130	High Bias			
1,1,2,2-Tetrachloroethane	8.35		"	10.0		83.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.4		"	10.0		134	70-130	High Bias			
1,1,2-Trichloroethane	8.36		"	10.0		83.6	70-130				
1,1-Dichloroethane	10.6		"	10.0		106	70-130				
1,1-Dichloroethylene	11.6		"	10.0		116	70-130				
1,2,4-Trichlorobenzene	8.83		"	10.0		88.3	70-130				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	70-130				
1,2-Dibromoethane	9.21		"	10.0		92.1	70-130				
1,2-Dichlorobenzene	9.82		"	10.0		98.2	70-130				
1,2-Dichloroethane	11.0		"	10.0		110	70-130				
1,2-Dichloropropane	6.83		"	10.0		68.3	70-130	Low Bias			
1,2-Dichlorotetrafluoroethane	5.85		"	10.0		58.5	70-130	Low Bias			
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70-130				
1,3-Butadiene	5.10		"	10.0		51.0	70-130	Low Bias			
1,3-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,3-Dichloropropane	7.95		"	10.0		79.5	70-130				
1,4-Dichlorobenzene	10.1		"	10.0		101	70-130				
1,4-Dioxane	7.57		"	10.0		75.7	70-130				
2-Butanone	9.33		"	10.0		93.3	70-130				
2-Hexanone	5.43		"	10.0		54.3	70-130	Low Bias			
3-Chloropropene	10.8		"	10.0		108	70-130				
4-Methyl-2-pentanone	5.83		"	10.0		58.3	70-130	Low Bias			
Acetone	8.49		"	10.0		84.9	70-130				
Acrylonitrile	10.3		"	10.0		103	70-130				
Benzene	11.0		"	10.0		110	70-130				
Benzyl chloride	9.31		"	10.0		93.1	70-130				
Bromodichloromethane	7.99		"	10.0		79.9	70-130				
Bromoform	10.6		"	10.0		106	70-130				
Bromomethane	9.39		"	10.0		93.9	70-130				
Carbon disulfide	11.8		"	10.0		118	70-130				
Carbon tetrachloride	13.9		"	10.0		139	70-130	High Bias			

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31497 - EPA TO15 PREP											
LCS (BK31497-BS1)								Prepared & Analyzed: 11/21/2023			
Chlorobenzene	10.1		ppbv	10.0		101	70-130				
Chloroethane	11.9		"	10.0		119	70-130				
Chloroform	12.4		"	10.0		124	70-130				
Chloromethane	5.23		"	10.0		52.3	70-130	Low Bias			
cis-1,2-Dichloroethylene	11.3		"	10.0		113	70-130				
cis-1,3-Dichloropropylene	8.37		"	10.0		83.7	70-130				
Cyclohexane	11.2		"	10.0		112	70-130				
Dibromochloromethane	9.63		"	10.0		96.3	70-130				
Dichlorodifluoromethane	13.1		"	10.0		131	70-130	High Bias			
Ethyl acetate	9.41		"	10.0		94.1	70-130				
Ethyl Benzene	9.38		"	10.0		93.8	70-130				
Hexachlorobutadiene	6.75		"	10.0		67.5	70-130	Low Bias			
Isopropanol	10.6		"	10.0		106	70-130				
Methyl Methacrylate	7.12		"	10.0		71.2	70-130				
Methyl tert-butyl ether (MTBE)	12.2		"	10.0		122	70-130				
Methylene chloride	9.68		"	10.0		96.8	70-130				
n-Heptane	9.40		"	10.0		94.0	70-130				
n-Hexane	11.1		"	10.0		111	70-130				
o-Xylene	8.85		"	10.0		88.5	70-130				
p- & m- Xylenes	17.6		"	20.0		88.1	70-130				
p-Ethyltoluene	10.7		"	10.0		107	70-130				
Propylene	10.2		"	10.0		102	70-130				
Styrene	9.85		"	10.0		98.5	70-130				
Tetrachloroethylene	11.5		"	10.0		115	70-130				
Tetrahydrofuran	9.97		"	10.0		99.7	70-130				
Toluene	8.50		"	10.0		85.0	70-130				
trans-1,2-Dichloroethylene	11.6		"	10.0		116	70-130				
trans-1,3-Dichloropropylene	8.45		"	10.0		84.5	70-130				
Trichloroethylene	9.09		"	10.0		90.9	70-130				
Trichlorofluoromethane (Freon 11)	13.1		"	10.0		131	70-130	High Bias			
Vinyl acetate	7.90		"	10.0		79.0	70-130				
Vinyl bromide	15.0		"	10.0		150	70-130	High Bias			
Vinyl Chloride	4.80		"	10.0		48.0	70-130	Low Bias			

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31497 - EPA TO15 PREP											
Duplicate (BK31497-DUP1)	*Source sample: 23K0792-02 (Duplicate)							Prepared & Analyzed: 11/21/2023			
1,1,1,2-Tetrachloroethane	ND	0.648	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.515	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.648	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.723	0.723	"		ND					25	
1,1,2-Trichloroethane	ND	0.515	"		ND					25	
1,1-Dichloroethane	ND	0.382	"		ND					25	
1,1-Dichloroethylene	ND	0.187	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.701	"		ND					25	
1,2,4-Trimethylbenzene	0.464	0.464	"		0.464				0.00	25	
1,2-Dibromoethane	ND	0.725	"		ND					25	
1,2-Dichlorobenzene	ND	0.568	"		ND					25	
1,2-Dichloroethane	ND	0.382	"		ND					25	
1,2-Dichloropropane	ND	0.436	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.660	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.464	"		ND					25	
1,3-Butadiene	ND	0.627	"		ND					25	
1,3-Dichlorobenzene	ND	0.568	"		ND					25	
1,3-Dichloropropane	ND	0.436	"		ND					25	
1,4-Dichlorobenzene	ND	0.568	"		ND					25	
1,4-Dioxane	ND	0.680	"		ND					25	
2-Butanone	1.42	0.278	"		1.45				1.94	25	
2-Hexanone	ND	0.773	"		ND					25	
3-Chloropropene	ND	1.48	"		ND					25	
4-Methyl-2-pentanone	0.425	0.387	"		0.425				0.00	25	
Acetone	27.5	0.448	"		26.7				2.98	25	
Acrylonitrile	0.389	0.205	"		0.389				0.00	25	
Benzene	0.844	0.302	"		0.875				3.51	25	
Benzyl chloride	ND	0.489	"		ND					25	
Bromodichloromethane	ND	0.632	"		ND					25	
Bromoform	ND	0.976	"		ND					25	
Bromomethane	ND	0.367	"		ND					25	
Carbon disulfide	ND	0.294	"		ND					25	
Carbon tetrachloride	0.535	0.148	"		0.594				10.5	25	
Chlorobenzene	ND	0.435	"		ND					25	
Chloroethane	ND	0.249	"		ND					25	
Chloroform	ND	0.461	"		ND					25	
Chloromethane	0.682	0.195	"		0.643				5.88	25	
cis-1,2-Dichloroethylene	ND	0.187	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.428	"		ND					25	
Cyclohexane	0.325	0.325	"		0.325				0.00	25	
Dibromochloromethane	ND	0.804	"		ND					25	
Dichlorodifluoromethane	3.03	0.467	"		2.94				3.12	25	
Ethyl acetate	0.680	0.680	"		0.680				0.00	25	
Ethyl Benzene	1.02	0.410	"		0.984				4.08	25	
Hexachlorobutadiene	ND	1.01	"		ND					25	
Isopropanol	823	0.464	"		839				1.93	25	
Methyl Methacrylate	0.657	0.386	"		0.657				0.00	25	
Methyl tert-butyl ether (MTBE)	ND	0.340	"		ND					25	
Methylene chloride	0.918	0.656	"		0.951				3.51	25	
n-Heptane	0.580	0.387	"		0.580				0.00	25	
n-Hexane	1.70	0.333	"		1.63				4.00	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31497 - EPA TO15 PREP											
Duplicate (BK31497-DUP1)	*Source sample: 23K0792-02 (Duplicate)								Prepared & Analyzed: 11/21/2023		
o-Xylene	1.07	0.410	ug/m³		1.07				0.00	25	
p- & m- Xylenes	3.65	0.820	"		3.65				0.00	25	
p-Ethyltoluene	0.418	0.464	"		0.464				10.5	25	
Propylene	1.98	0.162	"		1.95				1.65	25	
Styrene	ND	0.402	"		ND					25	
Tetrachloroethylene	0.320	0.640	"		0.320				0.00	25	
Tetrahydrofuran	0.418	0.557	"		0.390				6.90	25	
Toluene	2.13	0.356	"		2.21				3.28	25	
trans-1,2-Dichloroethylene	ND	0.374	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.428	"		ND					25	
Trichloroethylene	ND	0.127	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.96	0.530	"		1.96				0.00	25	
Vinyl acetate	ND	0.332	"		ND					25	
Vinyl bromide	ND	0.413	"		ND					25	
Vinyl Chloride	ND	0.121	"		ND					25	
Batch BK31506 - EPA TO15 PREP											
Blank (BK31506-BLK1)									Prepared: 11/20/2023 Analyzed: 11/25/2023		
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	0.412	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31506 - EPA TO15 PREP											
Blank (BK31506-BLK1)											
Prepared: 11/20/2023 Analyzed: 11/25/2023											
Carbon tetrachloride	ND	0.157	ug/m³								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	ND	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								
n-Hexane	ND	0.352	"								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31506 - EPA TO15 PREP											
LCS (BK31506-BS1)								Prepared: 11/20/2023 Analyzed: 11/25/2023			
1,1,1,2-Tetrachloroethane	9.10		ppbv	10.0		91.0	70-130				
1,1,1-Trichloroethane	9.77		"	10.0		97.7	70-130				
1,1,2,2-Tetrachloroethane	8.68		"	10.0		86.8	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.97		"	10.0		89.7	70-130				
1,1,2-Trichloroethane	8.92		"	10.0		89.2	70-130				
1,1-Dichloroethane	8.81		"	10.0		88.1	70-130				
1,1-Dichloroethylene	9.51		"	10.0		95.1	70-130				
1,2,4-Trichlorobenzene	5.54		"	10.0		55.4	70-130	Low Bias			
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	70-130				
1,2-Dibromoethane	9.09		"	10.0		90.9	70-130				
1,2-Dichlorobenzene	9.16		"	10.0		91.6	70-130				
1,2-Dichloroethane	9.28		"	10.0		92.8	70-130				
1,2-Dichloropropane	8.85		"	10.0		88.5	70-130				
1,2-Dichlorotetrafluoroethane	8.41		"	10.0		84.1	70-130				
1,3,5-Trimethylbenzene	9.31		"	10.0		93.1	70-130				
1,3-Butadiene	9.00		"	10.0		90.0	70-130				
1,3-Dichlorobenzene	7.60		"	10.0		76.0	70-130				
1,3-Dichloropropane	8.88		"	10.0		88.8	70-130				
1,4-Dichlorobenzene	7.47		"	10.0		74.7	70-130				
1,4-Dioxane	8.21		"	10.0		82.1	70-130				
2-Butanone	8.64		"	10.0		86.4	70-130				
2-Hexanone	8.74		"	10.0		87.4	70-130				
3-Chloropropene	9.82		"	10.0		98.2	70-130				
4-Methyl-2-pentanone	9.03		"	10.0		90.3	70-130				
Acetone	9.05		"	10.0		90.5	70-130				
Acrylonitrile	8.66		"	10.0		86.6	70-130				
Benzene	9.13		"	10.0		91.3	70-130				
Benzyl chloride	8.01		"	10.0		80.1	70-130				
Bromodichloromethane	9.30		"	10.0		93.0	70-130				
Bromoform	9.34		"	10.0		93.4	70-130				
Bromomethane	9.11		"	10.0		91.1	70-130				
Carbon disulfide	8.79		"	10.0		87.9	70-130				
Carbon tetrachloride	10.4		"	10.0		104	70-130				
Chlorobenzene	8.62		"	10.0		86.2	70-130				
Chloroethane	10.7		"	10.0		107	70-130				
Chloroform	9.23		"	10.0		92.3	70-130				
Chloromethane	8.97		"	10.0		89.7	70-130				
cis-1,2-Dichloroethylene	9.54		"	10.0		95.4	70-130				
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	70-130				
Cyclohexane	9.79		"	10.0		97.9	70-130				
Dibromochloromethane	9.27		"	10.0		92.7	70-130				
Dichlorodifluoromethane	5.80		"	10.0		58.0	70-130	Low Bias			
Ethyl acetate	8.82		"	10.0		88.2	70-130				
Ethyl Benzene	9.05		"	10.0		90.5	70-130				
Hexachlorobutadiene	5.03		"	10.0		50.3	70-130	Low Bias			
Isopropanol	10.5		"	10.0		105	70-130				
Methyl Methacrylate	9.44		"	10.0		94.4	70-130				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	70-130				
Methylene chloride	8.59		"	10.0		85.9	70-130				
n-Heptane	9.72		"	10.0		97.2	70-130				
n-Hexane	9.53		"	10.0		95.3	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31506 - EPA TO15 PREP											
LCS (BK31506-BS1)								Prepared: 11/20/2023 Analyzed: 11/25/2023			
o-Xylene	9.31		ppbv	10.0		93.1	70-130				
p- & m- Xylenes	18.3		"	20.0		91.7	70-130				
p-Ethyltoluene	9.39		"	10.0		93.9	70-130				
Propylene	6.39		"	10.0		63.9	70-130	Low Bias			
Styrene	9.66		"	10.0		96.6	70-130				
Tetrachloroethylene	8.79		"	10.0		87.9	70-130				
Tetrahydrofuran	8.95		"	10.0		89.5	70-130				
Toluene	8.80		"	10.0		88.0	70-130				
trans-1,2-Dichloroethylene	9.34		"	10.0		93.4	70-130				
trans-1,3-Dichloropropylene	9.89		"	10.0		98.9	70-130				
Trichloroethylene	9.09		"	10.0		90.9	70-130				
Trichlorofluoromethane (Freon 11)	9.08		"	10.0		90.8	70-130				
Vinyl acetate	8.10		"	10.0		81.0	70-130				
Vinyl bromide	9.25		"	10.0		92.5	70-130				
Vinyl Chloride	7.63		"	10.0		76.3	70-130				
Duplicate (BK31506-DUP1)	*Source sample: 23K0900-06 (Duplicate)							Prepared: 11/20/2023 Analyzed: 11/25/2023			
1,1,1,2-Tetrachloroethane	ND	0.945	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.751	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.945	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.05	"		ND					25	
1,1,2-Trichloroethane	ND	0.751	"		ND					25	
1,1-Dichloroethane	ND	0.557	"		ND					25	
1,1-Dichloroethylene	ND	0.273	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.02	"		ND					25	
1,2,4-Trimethylbenzene	29.2	0.676	"		29.4				0.692	25	
1,2-Dibromoethane	ND	1.06	"		ND					25	
1,2-Dichlorobenzene	ND	0.827	"		ND					25	
1,2-Dichloroethane	ND	0.557	"		ND					25	
1,2-Dichloropropane	ND	0.636	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.962	"		ND					25	
1,3,5-Trimethylbenzene	13.4	0.676	"		13.2				1.53	25	
1,3-Butadiene	11.8	0.913	"		12.0				1.28	25	
1,3-Dichlorobenzene	ND	0.827	"		ND					25	
1,3-Dichloropropane	ND	0.636	"		ND					25	
1,4-Dichlorobenzene	ND	0.827	"		ND					25	
1,4-Dioxane	ND	0.992	"		ND					25	
2-Butanone	12.8	0.406	"		12.7				0.318	25	
2-Hexanone	ND	1.13	"		ND					25	
3-Chloropropene	ND	2.15	"		ND					25	
4-Methyl-2-pentanone	ND	0.564	"		ND					25	
Acetone	44.7	0.654	"		44.3				0.956	25	
Acrylonitrile	ND	0.299	"		ND					25	
Benzene	19.3	0.440	"		19.3				0.456	25	
Benzyl chloride	ND	0.712	"		ND					25	
Bromodichloromethane	ND	0.922	"		ND					25	
Bromoform	ND	1.42	"		ND					25	
Bromomethane	ND	0.534	"		ND					25	
Carbon disulfide	2.91	0.429	"		2.91				0.00	25	
Carbon tetrachloride	0.260	0.216	"		0.260				0.00	25	
Chlorobenzene	ND	0.633	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31506 - EPA TO15 PREP											
Duplicate (BK31506-DUP1)	*Source sample: 23K0900-06 (Duplicate)								Prepared: 11/20/2023 Analyzed: 11/25/2023		
Chloroethane	ND	0.363	ug/m³		ND					25	
Chloroform	4.43	0.672	"		4.43				0.00	25	
Chloromethane	ND	0.284	"		0.199					25	
cis-1,2-Dichloroethylene	1.58	0.273	"		1.53				3.51	25	
cis-1,3-Dichloropropylene	ND	0.625	"		ND					25	
Cyclohexane	1.89	0.474	"		1.89				0.00	25	
Dibromochloromethane	ND	1.17	"		ND					25	
Dichlorodifluoromethane	2.11	0.680	"		2.11				0.00	25	
Ethyl acetate	ND	0.992	"		ND					25	
Ethyl Benzene	56.6	0.598	"		56.4				0.317	25	
Hexachlorobutadiene	ND	1.47	"		ND					25	
Isopropanol	11.8	0.676	"		11.8				0.287	25	
Methyl Methacrylate	ND	0.563	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.496	"		ND					25	
Methylene chloride	0.765	0.956	"		0.669				13.3	25	
n-Heptane	27.4	0.564	"		27.5				0.206	25	
n-Hexane	20.3	0.485	"		20.2				0.480	25	
o-Xylene	63.7	0.597	"		63.3				0.659	25	
p- & m- Xylenes	163	1.19	"		161				0.774	25	
p-Ethyltoluene	36.4	0.676	"		36.1				0.934	25	
Propylene	303	0.237	"		304				0.593	25	
Styrene	ND	0.586	"		ND					25	
Tetrachloroethylene	3.36	0.933	"		3.27				2.82	25	
Tetrahydrofuran	1.22	0.812	"		2.03				50.0	25	Non-dir.
Toluene	169	0.519	"		167				1.58	25	
trans-1,2-Dichloroethylene	ND	0.546	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.625	"		ND					25	
Trichloroethylene	30.8	0.185	"		30.6				0.482	25	
Trichlorofluoromethane (Freon 11)	2.47	0.773	"		2.47				0.00	25	
Vinyl acetate	ND	0.484	"		ND					25	
Vinyl bromide	ND	0.602	"		ND					25	
Vinyl Chloride	ND	0.176	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31536 - EPA TO15 PREP											
Blank (BK31536-BLK1)											
Prepared: 11/20/2023 Analyzed: 11/23/2023											
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	0.304	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	ND	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								
n-Hexane	ND	0.352	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31536 - EPA TO15 PREP											
Blank (BK31536-BLK1)								Prepared: 11/20/2023 Analyzed: 11/23/2023			
o-Xylene	ND	0.434	ug/m³								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BK31536-BS1)								Prepared: 11/20/2023 Analyzed: 11/23/2023			
1,1,1,2-Tetrachloroethane	9.76		ppbv	10.0		97.6	70-130				
1,1,1-Trichloroethane	10.5		"	10.0		105	70-130				
1,1,2,2-Tetrachloroethane	9.05		"	10.0		90.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	10.0		98.7	70-130				
1,1,2-Trichloroethane	9.36		"	10.0		93.6	70-130				
1,1-Dichloroethane	9.24		"	10.0		92.4	70-130				
1,1-Dichloroethylene	10.0		"	10.0		100	70-130				
1,2,4-Trichlorobenzene	6.21		"	10.0		62.1	70-130	Low Bias			
1,2,4-Trimethylbenzene	10.0		"	10.0		100	70-130				
1,2-Dibromoethane	9.58		"	10.0		95.8	70-130				
1,2-Dichlorobenzene	9.82		"	10.0		98.2	70-130				
1,2-Dichloroethane	9.80		"	10.0		98.0	70-130				
1,2-Dichloropropane	9.01		"	10.0		90.1	70-130				
1,2-Dichlorotetrafluoroethane	9.11		"	10.0		91.1	70-130				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	70-130				
1,3-Butadiene	8.19		"	10.0		81.9	70-130				
1,3-Dichlorobenzene	8.23		"	10.0		82.3	70-130				
1,3-Dichloropropane	9.18		"	10.0		91.8	70-130				
1,4-Dichlorobenzene	7.99		"	10.0		79.9	70-130				
1,4-Dioxane	8.32		"	10.0		83.2	70-130				
2-Butanone	8.84		"	10.0		88.4	70-130				
2-Hexanone	8.79		"	10.0		87.9	70-130				
3-Chloropropene	10.0		"	10.0		100	70-130				
4-Methyl-2-pentanone	8.94		"	10.0		89.4	70-130				
Acetone	9.20		"	10.0		92.0	70-130				
Acrylonitrile	8.96		"	10.0		89.6	70-130				
Benzene	9.78		"	10.0		97.8	70-130				
Benzyl chloride	8.48		"	10.0		84.8	70-130				
Bromodichloromethane	9.65		"	10.0		96.5	70-130				
Bromoform	10.2		"	10.0		102	70-130				
Bromomethane	9.92		"	10.0		99.2	70-130				
Carbon disulfide	9.37		"	10.0		93.7	70-130				
Carbon tetrachloride	11.4		"	10.0		114	70-130				
Chlorobenzene	9.15		"	10.0		91.5	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31536 - EPA TO15 PREP											
LCS (BK31536-BS1)								Prepared: 11/20/2023 Analyzed: 11/23/2023			
Chloroethane	11.1		ppbv	10.0		111	70-130				
Chloroform	9.82		"	10.0		98.2	70-130				
Chloromethane	8.10		"	10.0		81.0	70-130				
cis-1,2-Dichloroethylene	9.84		"	10.0		98.4	70-130				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	70-130				
Cyclohexane	10.2		"	10.0		102	70-130				
Dibromochloromethane	9.91		"	10.0		99.1	70-130				
Dichlorodifluoromethane	8.94		"	10.0		89.4	70-130				
Ethyl acetate	9.16		"	10.0		91.6	70-130				
Ethyl Benzene	9.54		"	10.0		95.4	70-130				
Hexachlorobutadiene	6.00		"	10.0		60.0	70-130	Low Bias			
Isopropanol	9.88		"	10.0		98.8	70-130				
Methyl Methacrylate	9.58		"	10.0		95.8	70-130				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	70-130				
Methylene chloride	9.00		"	10.0		90.0	70-130				
n-Heptane	9.95		"	10.0		99.5	70-130				
n-Hexane	9.89		"	10.0		98.9	70-130				
o-Xylene	9.85		"	10.0		98.5	70-130				
p- & m- Xylenes	19.5		"	20.0		97.6	70-130				
p-Ethyltoluene	10.2		"	10.0		102	70-130				
Propylene	8.44		"	10.0		84.4	70-130				
Styrene	10.4		"	10.0		104	70-130				
Tetrachloroethylene	9.58		"	10.0		95.8	70-130				
Tetrahydrofuran	9.19		"	10.0		91.9	70-130				
Toluene	9.12		"	10.0		91.2	70-130				
trans-1,2-Dichloroethylene	9.83		"	10.0		98.3	70-130				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	70-130				
Trichloroethylene	9.53		"	10.0		95.3	70-130				
Trichlorofluoromethane (Freon 11)	10.0		"	10.0		100	70-130				
Vinyl acetate	8.51		"	10.0		85.1	70-130				
Vinyl bromide	10.2		"	10.0		102	70-130				
Vinyl Chloride	7.09		"	10.0		70.9	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31646 - EPA TO15 PREP											
Blank (BK31646-BLK1)											
Prepared & Analyzed: 11/25/2023											
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	ND	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								
n-Hexane	ND	0.352	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31646 - EPA TO15 PREP											
Blank (BK31646-BLK1)								Prepared & Analyzed: 11/25/2023			
o-Xylene	ND	0.434	ug/m³								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BK31646-BS1)								Prepared & Analyzed: 11/25/2023			
1,1,1,2-Tetrachloroethane	10.5		ppbv	10.0		105	70-130				
1,1,1-Trichloroethane	10.9		"	10.0		109	70-130				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	70-130				
1,1,2-Trichloroethane	10.7		"	10.0		107	70-130				
1,1-Dichloroethane	10.1		"	10.0		101	70-130				
1,1-Dichloroethylene	10.8		"	10.0		108	70-130				
1,2,4-Trichlorobenzene	9.43		"	10.0		94.3	70-130				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	70-130				
1,2-Dibromoethane	10.8		"	10.0		108	70-130				
1,2-Dichlorobenzene	10.2		"	10.0		102	70-130				
1,2-Dichloroethane	10.2		"	10.0		102	70-130				
1,2-Dichloropropane	10.8		"	10.0		108	70-130				
1,2-Dichlorotetrafluoroethane	10.7		"	10.0		107	70-130				
1,3,5-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,3-Butadiene	9.88		"	10.0		98.8	70-130				
1,3-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,3-Dichloropropane	10.7		"	10.0		107	70-130				
1,4-Dichlorobenzene	10.3		"	10.0		103	70-130				
1,4-Dioxane	10.2		"	10.0		102	70-130				
2-Butanone	10.1		"	10.0		101	70-130				
2-Hexanone	10.1		"	10.0		101	70-130				
3-Chloropropene	10.9		"	10.0		109	70-130				
4-Methyl-2-pentanone	10.6		"	10.0		106	70-130				
Acetone	10.1		"	10.0		101	70-130				
Acrylonitrile	10.3		"	10.0		103	70-130				
Benzene	10.6		"	10.0		106	70-130				
Benzyl chloride	13.1		"	10.0		131	70-130	High Bias			
Bromodichloromethane	10.8		"	10.0		108	70-130				
Bromoform	6.76		"	10.0		67.6	70-130	Low Bias			
Bromomethane	11.4		"	10.0		114	70-130				
Carbon disulfide	10.4		"	10.0		104	70-130				
Carbon tetrachloride	11.5		"	10.0		115	70-130				
Chlorobenzene	10.1		"	10.0		101	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31646 - EPA TO15 PREP											
LCS (BK31646-BS1)								Prepared & Analyzed: 11/25/2023			
Chloroethane	11.0		ppbv	10.0		110	70-130				
Chloroform	10.6		"	10.0		106	70-130				
Chloromethane	9.42		"	10.0		94.2	70-130				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
cis-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
Cyclohexane	11.4		"	10.0		114	70-130				
Dibromochloromethane	9.46		"	10.0		94.6	70-130				
Dichlorodifluoromethane	10.5		"	10.0		105	70-130				
Ethyl acetate	10.4		"	10.0		104	70-130				
Ethyl Benzene	10.8		"	10.0		108	70-130				
Hexachlorobutadiene	8.76		"	10.0		87.6	70-130				
Isopropanol	9.87		"	10.0		98.7	70-130				
Methyl Methacrylate	11.4		"	10.0		114	70-130				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	70-130				
Methylene chloride	9.98		"	10.0		99.8	70-130				
n-Heptane	11.3		"	10.0		113	70-130				
n-Hexane	11.1		"	10.0		111	70-130				
o-Xylene	11.2		"	10.0		112	70-130				
p- & m- Xylenes	21.8		"	20.0		109	70-130				
p-Ethyltoluene	11.4		"	10.0		114	70-130				
Propylene	9.53		"	10.0		95.3	70-130				
Styrene	11.6		"	10.0		116	70-130				
Tetrachloroethylene	10.3		"	10.0		103	70-130				
Tetrahydrofuran	10.3		"	10.0		103	70-130				
Toluene	10.4		"	10.0		104	70-130				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	70-130				
trans-1,3-Dichloropropylene	11.5		"	10.0		115	70-130				
Trichloroethylene	10.4		"	10.0		104	70-130				
Trichlorofluoromethane (Freon 11)	10.4		"	10.0		104	70-130				
Vinyl acetate	10.5		"	10.0		105	70-130				
Vinyl bromide	11.4		"	10.0		114	70-130				
Vinyl Chloride	10.2		"	10.0		102	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31646 - EPA TO15 PREP											
Duplicate (BK31646-DUP1)	*Source sample: 23K0812-06 (MP-6)								Prepared & Analyzed: 11/25/2023		
1,1,1,2-Tetrachloroethane	ND	4.78	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	3.80	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	4.78	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.33	"		ND					25	
1,1,2-Trichloroethane	ND	3.80	"		ND					25	
1,1-Dichloroethane	ND	2.82	"		ND					25	
1,1-Dichloroethylene	ND	1.38	"		ND					25	
1,2,4-Trichlorobenzene	ND	5.16	"		ND					25	
1,2,4-Trimethylbenzene	ND	3.42	"		ND					25	
1,2-Dibromoethane	ND	5.34	"		ND					25	
1,2-Dichlorobenzene	ND	4.18	"		ND					25	
1,2-Dichloroethane	ND	2.82	"		ND					25	
1,2-Dichloropropane	ND	3.21	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	4.86	"		ND					25	
1,3,5-Trimethylbenzene	ND	3.42	"		ND					25	
1,3-Butadiene	ND	4.62	"		ND					25	
1,3-Dichlorobenzene	ND	4.18	"		ND					25	
1,3-Dichloropropane	ND	3.21	"		ND					25	
1,4-Dichlorobenzene	ND	4.18	"		ND					25	
1,4-Dioxane	ND	5.01	"		ND					25	
2-Butanone	65.0	2.05	"		62.8				3.53	25	
2-Hexanone	ND	5.70	"		ND					25	
3-Chloropropene	ND	10.9	"		ND					25	
4-Methyl-2-pentanone	ND	2.85	"		ND					25	
Acetone	ND	3.30	"		ND					25	
Acrylonitrile	ND	1.51	"		ND					25	
Benzene	ND	2.22	"		ND					25	
Benzyl chloride	ND	3.60	"		ND					25	
Bromodichloromethane	ND	4.66	"		ND					25	
Bromoform	ND	7.19	"		ND					25	
Bromomethane	ND	2.70	"		ND					25	
Carbon disulfide	4.77	2.17	"		4.77				0.00	25	
Carbon tetrachloride	ND	1.09	"		ND					25	
Chlorobenzene	ND	3.20	"		ND					25	
Chloroethane	1.65	1.84	"		1.47				11.8	25	
Chloroform	ND	3.40	"		ND					25	
Chloromethane	2.30	1.44	"		2.44				6.06	25	
cis-1,2-Dichloroethylene	ND	1.38	"		ND					25	
cis-1,3-Dichloropropylene	ND	3.16	"		ND					25	
Cyclohexane	623	2.39	"		628				0.842	25	
Dibromochloromethane	ND	5.93	"		ND					25	
Dichlorodifluoromethane	ND	3.44	"		ND					25	
Ethyl acetate	ND	5.01	"		ND					25	
Ethyl Benzene	4.23	3.02	"		4.53				6.90	25	
Hexachlorobutadiene	ND	7.42	"		ND					25	
Isopropanol	88.1	3.42	"		86.7				1.57	25	
Methyl Methacrylate	ND	2.85	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	2.51	"		ND					25	
Methylene chloride	ND	4.83	"		ND					25	
n-Heptane	57.9	2.85	"		57.9				0.00	25	
n-Hexane	183	2.45	"		179				2.31	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK31646 - EPA TO15 PREP											
Duplicate (BK31646-DUP1)	*Source sample: 23K0812-06 (MP-6)								Prepared & Analyzed: 11/25/2023		
o-Xylene	4.53	3.02	ug/m³		4.23				6.90	25	
p- & m- Xylenes	17.5	6.04	"		17.2				1.74	25	
p-Ethyltoluene	ND	3.42	"		ND					25	
Propylene	2.27	1.20	"		2.39				5.13	25	
Styrene	2.96	2.96	"		2.96				0.00	25	
Tetrachloroethylene	27.8	4.72	"		27.8				0.00	25	
Tetrahydrofuran	ND	4.10	"		ND					25	
Toluene	11.5	2.62	"		11.3				2.30	25	
trans-1,2-Dichloroethylene	ND	2.76	"		ND					25	
trans-1,3-Dichloropropylene	ND	3.16	"		ND					25	
Trichloroethylene	4.86	0.935	"		4.86				0.00	25	
Trichlorofluoromethane (Freon 11)	21.1	3.91	"		21.1				0.00	25	
Vinyl acetate	ND	2.45	"		ND					25	
Vinyl bromide	ND	3.04	"		ND					25	
Vinyl Chloride	ND	0.889	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23K0812

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 JOHNSON AVE SUITE 7 BOHEMIA	Address:	Address:
Phone.: 631-589-6353	Phone.:	Phone.:
Contact: KYLIE McCLAY	Contact: Usman Chaudhry	Contact: Usman Chaudhry
E-mail: KMcclay@pwgrosser.com	E-mail: uchaudhry@pwgrosser.com	E-mail: uchaudhry@pwgrosser.com

YOUR Project Number: BAE2202

YOUR Project Name: BAE SYSTEMS SSVM CLOSURE

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

KYLIE McCLAY

Samples Collected by: (print your name above and sign below)

Kylie McClay

Air Matrix Codes

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

(Summary Report)	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
MP-1	11-10-23 1638	AS	29.12	4.92	41934	19398	TO-15
MP-2	1635		29.69	5.49	42991	7084	
MP-3	1218		29.16	0.09	37386	7081	
MP-4	1701		29.51	8.90	24111	16420	
MP-5	1715		30.64	9.06	23200	6879	
MP-6	1722		29.71	6.34	16424	37388	
MP-7	1735		30.65	6.07	11974	5417	
MP-8	1734		29.50	4.07	43004	16415	
MP-9	1729		28.45	4.71	41846	12190	
MP-10	1724		29.64	4.25	19529	68668	

Comments: SAMPLE MP-3 lost all vaccuum quickly. It may have had equipment falivre. (WITHIN 2HRS)

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media

6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
KYLIE McCLAY PWGC	10-11-23 1030	K Barkyork	11/13/23 115pm	K Barkyork	11/13/23 1645
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	11/13/23 1645		11/13/23	Ramon York	11/13 1945
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Ramon York	11/13				11/14/23 10:00am

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No. 23K0812

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company:	Company:	Company:	BAE2202	RUSH - Next Day
Address: SAME	Address: AS PAGE 1	Address:	YOUR Project Name: BAE SYSTEMS SSVM CLOSURE	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail: apc@wgrosser.com	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)
KYLIE MCCLAY
Kylie McClay

Air Matrix Codes
AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliv. | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
MP-11	11.10.23	AS 1721	30.17	6.51	20753	6873	TO-15
IA-1	↓	AI 1733	30.14	5.83	16144	17192	TO-15 SIM
IA-2		1735	29.78	3.05	41848	19393	↓
IA-3		1713	28.99	4.91	23197	17988	
IA-4		1645	28.83	4.59	23993	7422	
DUP001		↓	29.74	3.27	24128	19434	
OA-1	↓	AO 1744	30.00	6.15	37012	17982	↓

Comments: [same as P-1]

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
KYLIE MCCLAY PWGC	10.11.23 1030	R Barkyork	11/13/23 115pm	R Barkyork	11/13/23 1645
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
T Gale	11/13/23 TF 1645		11/13/23	Raman York	11/13 1940
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Raman York	11/13				11/14/23 10:00am

APPENDIX B
NYSDOH BUILDING INVENTORY FORM

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

NYS DOH Guidance for Soil Vapor Sect. 2.4.2 pg. 12

Soil Vapor Intrusion - Structure Sampling Building Questionnaire **Structure ID :** _____

Site No. : _____ **Site Name :** BAE SYSTEMS BLD. 2

Date: 11-10-23 **Time:** _____

Structure Address : 5 CUBA HILL ROAD GREENLAWN NY 11740

Preparer's Name & Affiliation : Kylie McClay

Residential ? ☐ Yes ☒ No **Owner Occupied ?** ☐ Yes ☒ No **Owner Interviewed ?** ☐ Yes ☒ No

Commercial ? ☒ Yes ☐ No **Industrial ?** ☐ Yes ☐ No **Mixed Uses ?** ☐ Yes ☐ No

Identify all non-residential use(s) : _____

Owner Name : _____ **Owner Phone :** ( ) _____ - _____

Weather: precip. humid, pressure - start + end of day **Secondary Owner Phone :** ( ) _____ - _____

Owner Address (if different) : _____

Occupant Name : _____ **Occupant Phone :** ( ) _____ - _____

Secondary Occupant Phone : ( ) _____ - _____

Number & Age of All Persons Residing at this Location : _____

Additional Owner/Occupant Information : _____

Describe Structure (style, number floors, size) : _____

Approximate **Year Built :** 1960 Is the building **Insulated?** ☒ Yes ☐ No

Lowest level : ☒ Slab-on-grade ☐ Basement ☐ Crawlspace

Describe Lowest Level (finishing, use, time spent in space) : 1st Floor, Slab on grade, machine Shop

Floor Type: ☒ Concrete Slab ☐ Dirt ☐ Mixed : _____

Floor Condition : ☒ Good (few or no cracks) ☒ Average (some cracks) ☐ Poor (broken concrete or dirt)

Sumps/Drains? ☒ Yes ☐ No Describe : Drains throughout Building

Identify other floor penetrations & details : Bathroom / Sewage Drains

Wall Construction : ☒ Concrete Block ☐ Poured Concrete ☐ Laid-Up Stone

Identify any wall penetrations : Piping / conduit

Identify water, moisture, or seepage: location & severity (sump, cracks, stains, etc) : No moisture observed anywhere but the MP-3 point in Mail Room. Documented

Heating Fuel : ☐ Oil ☒ Gas ☐ Wood ☐ Electric ☐ Other : _____

Heating System : ☒ Forced Air ☐ Hot Water ☐ Other : _____

Building Temp: 71°, Humidity 26%

Hot Water System : ☒ Combustion ☐ Electric ☐ Boilermate ☐ Other: Hot water Heater

Clothes Dryer : n/a ☐ Electric ☐ Gas Where is dryer **vented** to? _____

If combustion occurs, describe where air is drawn from (cold air return, basement, external air, etc.) : Economizers (takes outside air in) Rooftop units,

Fans & Vents (identify where fans/vents pull air from and where they vent/exhaust to) : 3 main blowers for SVE system on roof

Describe factors that may affect indoor air quality (chemical use/storage, unvented heaters, smoking, (workshop)):
Chemical Use/Paint Use in Workshop + Paint Shop

Attached garage ? ☐ Yes ☒ No Air fresheners ? ☒ Yes ☐ No (Bathroom)

New carpet or furniture ? ☒ Yes ☐ No What/Where ? Carpet tiles/cubicle furniture

Recent **painting** or **staining** ? ☒ Yes ☐ No Where ? : Paint Room

Any **solvent** or **chemical-like** odors ? ☐ Yes ☒ No Describe : _____

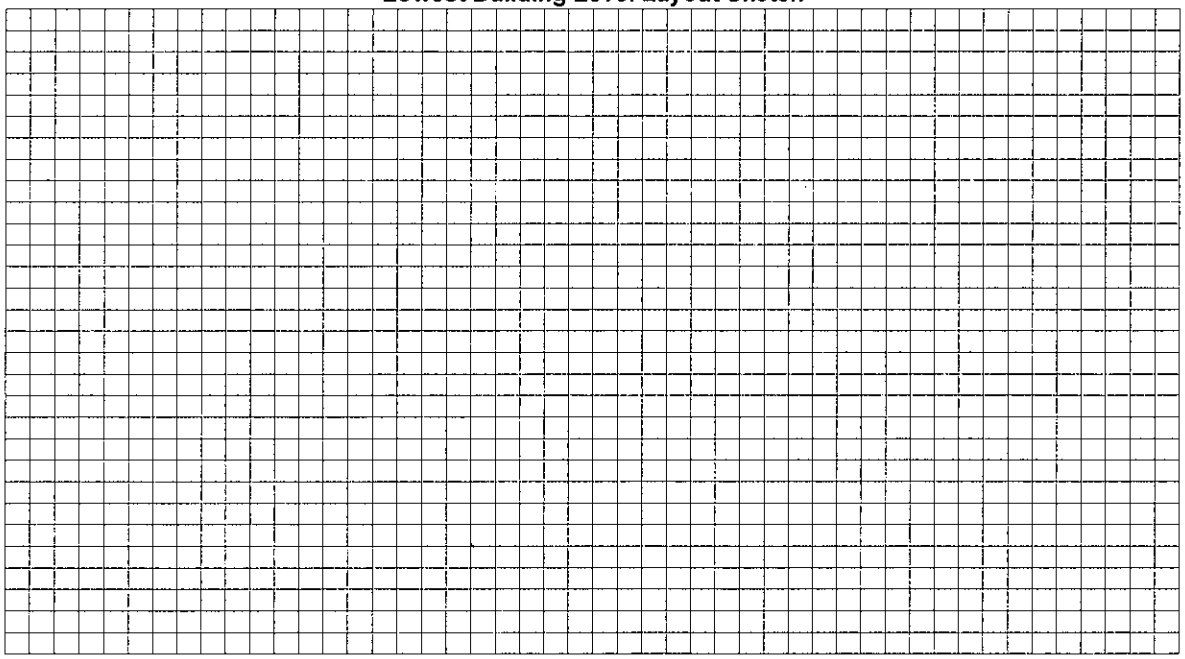
Last time **Dry Cleaned** fabrics brought in ? n/a What / Where ? _____

Do any building occupants use solvents at work ? ☒ Yes ☐ No Describe : Paint Shop

Any testing for Radon ? ☐ Yes ☒ No Results : _____

Radon System/Soil Vapor Intrusion Mitigation System present ? ☒ Yes ☐ No If yes, describe below

Lowest Building Level Layout Sketch



- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	######	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab vapor samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Alodine Room	Location	Brand/Supplier	Number & Amount in Container	Type & Condition of Container	Hazard Classification/Symbols
Isopropyl Alcohol Safety Rinse Tank	Alodine Room	Justrite	1x 8-gal Capacity	Safety Rinse Tank, Contained, good	Flammable
Simple Green	Alodine Room	Simple Green	2x 1L	Plastic Spray Bottle, good	Irritant
Formula 22	Alodine Room	Zep	1x 5gal	Bucket, good, contained	Irritant
AS-P108L Polyurethane	Alodine Room	Caap Co.	8x 32oz	Can, good, contained	Flammable, Acute Toxicity - Inhalation, Irritant
Type I Curant	Alodine Room	Caap Co.	2x 1oz	Glass jar, good, contained	Corrision, Health Hazard, Irritant, Flammable
Aeroglaze 9947A	Alodine Room	Socomore	8x 1qt	Can, good, contained	Flammable, Health Hazard, Irritant, Environment
Deft 03GY292 Base Componet	Alodine Room	PPG Aerospace	1x .75gal	Can, good, contained	Flammable, Health Hazard, Irritant
PUT-10 Polyurethane Thinner	Alodine Room	Caap Co.	2x 1qt	Can, good, contained	Flammable, Health Hazard, Irritant
CA8200B Activator Componet	Alodine Room	PPG Aerospace	1x 1oz	Can, good, contained	Flammable, Health Hazard, Irritant
CA8221/F26373 Base Componet	Alodine Room	PPG Aerospace	1x .75gal	Can, good, contained	Flammable, Health Hazard, Irritant
EA9394 QT Aero, Part A	Alodine Room	Henkel Loctite	1x 1qt	Can, good, contained	Irritant
EA9394 QT Aero, Part B	Alodine Room	Henkel Loctite	1x 8oz	Can, good, contained	Irritant, Corrosion
Micro-Ultra BMS5-136D Type II	Alodine Room	Adtech/Axson	4x 1qt	Can, good, contained	Flammable, Health Hazard, Irritant
Red BPO Cream Hardener	Alodine Room	Valspar	4x 1oz	Tube, open/used and good, contained	Flammable, Irritant
37038 Black 3.5 Voc Urethane, Part A	Alodine Room	Hentzen	1x .75gal	Can, open, contained	Flammable, Health Hazard, Irritant
High Solids Ura-zen Catalyst, Part B	Alodine Room	Hentzen	1x 1qt	Can, open, contained	Flammable, Health Hazard, Irritant
SW37 Universal Screen Wash	Alodine Room	Nazdar	1x 1gal	Can, good, contained	Flammable, Irritant
CM0110845 Reducer	Alodine Room	Jetflex	1x 1gal	Can, good, contained	Flammable, Corrosive, Health Hazard, Irritant
CM0120930 Polyurethane Catalyst	Alodine Room	Jetflex	1x 32floz	Can, good, contained	Flammable, Corrosive, Health Hazard, Irritant
CM0480930 Polyurethane Primer	Alodine Room	Jetflex	1x 1gal	Can, good, contained	Flammable, Corrosive, Health Hazard, Irritant
H2O Alexit Hardener 345-15	Alodine Room	Mankiewicz	1x .712pt	Can, good, contained	Flammable, Health Hazard
H20 Alexit FST-Primer 343-04	Alodine Room	Mankiewicz	1x 1gal	Can, good, contained	Flammable, Health Hazard
Booth Coat	Alodine Room	Binks	2x 1gal, 1x 5-gal	Can, good, contained	Health Hazard - Inhalant
D-Zolve 15-33R Aircraft Paint Remover	Alodine Room	Solvent Kleene	1x 5gal	Plastic Can	Health Hazard, Irritant
R99KY0029 JetFlex Thinner	Alodine Room	Aerospace Coatings	1x 1gal	Can	Health Hazard
V66VC229 BMS10-83R, Type II, III, & V Curing	Alodine Room	Sherwin Williams	1x 32floz	Can	Health Hazard
Polane L Series Paint, Color 26373	Alodine Room	Sherwin Williams	1x 1gal	Can	Health Hazard
NOVUS 2: Fine Scratch Remover	Alodine Room	Novus	1x 8oz	Bottle	Irritant

Compactor Room - Chemical Name	Location	Brand/Supplier	Number & Amount in Container	Type & Condition of Container	Hazard Classification/Symbols
M1 All Purpose Lubricant	Compactor Room	Starrett	1x 12floz	Can, good	Flammable
Scotch-Weld EC-5816	Compactor Room	3M	4x 1gal	Can, good	Flammable, Corrosive, Irritant, Health Hazard
FluoroEtch	Compactor Room	Acton Technologies	2x 1pt	Plastic Bottle, good	Corrosive, Health Hazard, Irritant
262 Threadlocker	Compactor Room	Henkel Loctite	2x .34floz	Plastic Bottle, good	Health Hazard, Irritant
Markem 7224 Brite Blue	Compactor Room	Marken-Imaje	1x 4oz	Tube, good	Health Hazard, Irritant, Corrosive
Dowsil 3145 RTV Adhesive	Compactor Room	DOW	7x 3floz	Tube, unopened	Health Hazard
Scotch-Weld Epoxy Adhesive Kit 2216 B/A Translucent	Compactor Room	3M	3x kits - 4floz per kit	Tubes, unopened	Irritant
Acetone	Compactor Room	Corco Chemical Co.	2x 1gal	Plastic Bottle, good	Flammable
36231 Flat Gray Urethane	Compactor Room	Hentzen	1x 1gal	Can, good	Flammable, Health Hazard, Irritant
Bulk Waste Aerosol Cans Drum	Compactor Room	n/a	1x ~55gal drum	Plastic Drum	Flammable - Labelled Properly
IPA-Based Flux Remover - IsoClean	Compactor Room	MicroCare	2x 5-gal Boxes	Plastic Bag in Box, stored on ground	Flammable, Irritant
Paint Shop Debris - Methyl Ethyl, Ketone, Toluene	Compactor Room	n/a	1x 55gal drum	Drum	Flammable, Toxic - Labelled Properly
Spray Enamel	Compactor Room	Testors	1x 3oz	Can	Flammable

PIF Lab - Chemical Name	Location	Brand/Supplier	Number & Amount in Container	Type & Condition of Container	Hazard Classification/Symbols
Non-Reactive Standard Adhesive	PIF Lab	Milliken	2x 4gal	Plastic Can	NOT HAZARDOUS
Cove Base Adhesive	PIF Lab	440 Henry	1x 4gal	Plastic Can	NOT HAZARDOUS

Facilities Storage - Chemical Name	Location	Brand/Supplier	Number & Amount in Container	Type & Condition of Container	Hazard Classification/Symbols
Regal Select Exterior N403 2X Base 2 Paint	Facilities Storage	Benjamin Moore	1x 1gal, 1x 5gal	Can	Health Hazard
Blue Heat Snow and Ice Melt	Facilities Storage	Dart Seasonal Products	1x 5gal	Plastic Container	Warning - Irritant
TB-Cide Quat Cleaner	Facilities Storage	Spartan	1x 1qt	Plastic Container	Hazard - Irritant
Ultra Bleach	Facilities Storage	Arocep	1x 1gal	Plastic Container	Corrosive, Irritant
Denatured Alcohol	Facilities Storage	Ace	1x 1gal	Can	Flammable
Pride500 Antifreeze & Coolant	Facilities Storage	Pride500	1x 1gal	Plastic Container	Health Hazard, Flammable
Prime Antifreeze Coolant	Facilities Storage	Prime	1x 1gal	Plastic Container	Health Hazard, Flammable
3-36 Multi Purpose Lubricant & Corrosion Inhibitor	Facilities Storage	CRC	1x 1gal	Plastic Container	Health Hazard, Flammable
Wet or Dry Plastic Roof Cement	Facilities Storage	Premier	1x 1gal	Can	Hazardous - Irritant, Flammable
Gage Block Preservative	Facilities Storage	DoALL	2x 9.5oz cans	Can	Gas Cylinder, Health Hazard, Flammable
Bulls Eye Shellac	Facilities Storage	Zinsser	1x 1qt	Can	Flammable
Clean by Peroxy Cleaner	Facilities Storage	Spartan	1x 1gal	Plastic Container	Flammable
Semi Gloss Bright Blue 551 Enamel	Facilities Storage	Cardinal Industries	1x 12oz	Can	Flammable
DeoxIT D5 Cleaner	Facilities Storage	D-Series	1x 5oz	Can	Flammable, Irritant
CO2 Gas Cylinder	Facilities Storage	Aim Safe-Air Products	1x 103L	Can	Gas Cylinder
Rust-oleum Rusty Metal Primer	Facilities Storage	Rust-oleum	1x 1gal	Can	Flammable, Health Hazard, Irritant
Quikrete	Facilities Storage	Quikrete	1x 3-gal	Plastic Container	Irritant
SpectraGuard Mineral Spirits	Facilities Storage	Spectrum Coatings, Inc.	1x 1gal	Can	Flammable
Oxygen Calibration Gas(20.9%) Zero Air	Facilities Storage	Industrial Scientific	1x 1.2 cubic feet	Cylinder	Gas Cylinder
Krylon Clear Gloss, Krylon White Gloss	Facilities Storage	Krylon	4x 11oz	Can	Flammable
Power-foam Bravo Moussant	Facilities Storage	JohnsonDiversey	1x 23oz	Can	Corrosive, Flammable
Oxygen Bleach Cleanser	Facilities Storage	Ajax	1x 21oz	Can	Irritant
Stainless Steel Magic	Facilities Storage	Magic	1x 13oz	Can	Flammable, Irritant
Quick Dry Electronic Cleaner	Facilities Storage	CarQuest	1x 4.5oz	Can	Flammable
2-26 Electrical Grade Lubricant	Facilities Storage	CRC	1x 11oz	Can	Flammable, Health Hazard, Irritant
Wasp & Hornet Killer	Facilities Storage	Enforcer	1x 11oz	Can	Flammable, Irritant
Covers Up Ceiling Paint & Primer	Facilities Storage	Zinsser	2x 13oz	Can	Flammable
Propane	Facilities Storage	Bernzomatic	2x 16.4oz	Cylinder	Gas Cylinder, Flammable
Pipe Cleaner	Facilities Storage	Harvey's	1x 4fl oz	Container	Flammable, Health Hazard, Irritant
MP-6 Multi-Purpose Cement	Facilities Storage	Harvey's	1x 4fl oz	Container	Flammable, Health Hazard, Irritant
EN-610 Epoxy Adhesive Part A & B	Facilities Storage	Excelsior	1x 13.5oz	Plastic Container	Health Hazard, Irritant, Corrosive, Environment
Contact Cement	Facilities Storage	DAP Weldwood	1x 32fl oz	Container	Flammable, Health Hazard
Acetone	Facilities Storage	Klean Strip	1x 1pt	Can	Flammable
Rubber Patch Kit	Facilities Storage	Victor	1x kit	Can	Flammable, Irritant
Denatured Alcohol Clean Burning Fuel	Facilities Storage	Klean Strip	1x 1qt	Can	Flammable, Health Hazard, Irritant
Paint Thinner	Facilities Storage	Klean Strip	2x 1qt, 1x 3.78gal	Can	Flammable, Health Hazard, Irritant
Lemon Cleaner Deodorizer	Facilities Storage	Sunshine	1x 1qt	Plastic Container	Irritant
PVC Cement	Facilities Storage	Global	1x 16 fl oz	Container	Flammable, Health hazard
High Tack Gasket Sealant	Facilities Storage	Permatex	1x 16 fl oz	Can	Flammable, Health Hazard, Irritant
Smart Prime Primer	Facilities Storage	Zinsser	1x 1gal	Can	Health Hazard
Super 77 Multipurpose Adhesive	Facilities Storage	3M	1x 11oz	Can	Flammable, Irritant
Rust-oleum Hard Hat Finish	Facilities Storage	Rust-oleum	1x 11oz	Can	Flammable, Irritant
Dual-Action Cutting Fluid	Facilities Storage	Tapmatic	1x 16fl oz	Can	Health Hazard - Inhalant
Clear Adhesive	Facilities Storage	Lexel	1x 10.5fl oz	Tube	Flammable
Liquid Strip	Facilities Storage	Oarjs	1x 32fl oz	Can	Flammable, Health Hazard, Irritant
Icon Self-Priming Semi-Gloss Paint	Facilities Storage	Olympic	1x 29.0 fl oz	Can	Flammable
Helmsman Spar Urethane - Clear Satin	Facilities Storage	Minwax	1x 29 fl oz	Can	Flammable, Irritant
Various Paints & Finishes	Facilities Storage	Aboffs, Ace	15x 29fl oz	Can	Flammable, irritant
Loctite Ablestik 285 Black	Facilities Storage	Loctite	1x 2lb QT can	Can	Hazard - Irritant
Patio Furniture Cleaner	Facilities Storage	Spray Nine	1x 25fl oz	Spray Bottle	Hazard - Irritant, Health Hazard
De-Ice	Facilities Storage	Pyroil	2x 11.5oz	Can	Flammable, Irritant
Metallic Spray Paint - 17047 Chrome	Facilities Storage	Ace	1x 11.5oz	Can	Flammable, Irritant
Ezy-Shine Moisturizing Cream	Facilities Storage	Halbro	1x 11oz	Can	Flammable, Irritant
See Safely Windshield Wiper Fluid	Facilities Storage	Splash	1x 1gal	Plastic Container	Flammable, Irritant, Health Hazard
8-121-900-12 Black Custom Spray Paint	Facilities Storage	Custom Spray	1x 12oz	Can	Flammable, Health Hazard
Zinc Anti-Seize	Facilities Storage	Henkel Loctite	1x 1lb	Can	Health Hazard, Corrosive, Irritant
C5-A Copper Based Anti-Seize Lubricant	Facilities Storage	Fel-Pro	1x 8oz	Can	Health Hazard, Corrosive, Irritant
Spray Nine Cleanser	Facilities Storage	Spray Nine	1x 25 fl oz	Spray Bottle	Irritant
Furnace/Stove Cement	Facilities Storage	Hercules	1x 8 fl oz	Plastic Container	Irritant, Flammable
Belt Dressing & Conditioner	Facilities Storage	Permatex	1x 12oz	Can	Flammable
Hydraulic Jack Oil	Facilities Storage	Johnson's	1x 1qt	Plastic Container	Flammable
Anti-Seize Lubricating Compound	Facilities Storage	Saf-T-Eze	1x 10lb	Can	Health Hazard
Windshield & Lock De-Icer	Facilities Storage	Tradco	1x 12oz	Can	Flammable
Linebacker Rust Defense	Facilities Storage	Selig	1x 14oz	Can	Flammable
Liquid A Rust & Corrosion Preventive	Facilities Storage	Fluid Film	1x 1gal	Can	Flammable
Driveway Elastomeric Crack Filler	Facilities Storage	Henry	1x 1gal	Plastic Container	Hazardous - Irritant
Multipurpose Spray Adhesive	Facilities Storage	Elmer's	1x 11oz	Can	Flammable
AFTA Cleaner/Degreaser/Adhesive Remover	Facilities Storage	Guardsman	1x 32fl oz	Can	Flammable
Platinum Label Acrylic Floor Sealer	Facilities Storage	Estrie	1x 1.2gal	Plastic Container	Irritant
Carpenter Ant Killer	Facilities Storage	Terro	1x 11oz	Can	Flammable
Crawling Insect Killer	Facilities Storage	Misty	1x 16oz	Can	Flammable, Irritant
Grey Primer	Facilities Storage	Precision Color	1x 11oz	Can	Flammable
Hydraulic Jack Oil	Facilities Storage	CAM2	1x 16oz	Plastic Container	Flammable, Health Hazard
Spray Enamel	Facilities Storage	Testors	1z 3oz	Can	Flammable, Health hazard
Wood Floor Cleaner	Facilities Storage	Pledge	1x 32 fl oz	Plastic Container	Irritant
B-I-N Shellac-Base Primer	Facilities Storage	Zinsser	1x 13oz	Can	Flammable, gas cylinder

Materials Lab - Chemical Name	Location	Brand/Supplier	Number & Amount in Container	Type & Condition of Container	Hazard Classification/Symbols
IPA-Based Flux Remover	Materials Lab	MicroCare	2x 5gal	Bag in Box	Flammable, Irritant
186 Soldering Flux	Materials Lab	Kester	1x 1gal	Plastic Bottle	Flammable, Irritant
General Purpose Flux Remover	Materials Lab	MicroCare	1x 12oz	Can	Flammable
Methyl Ethyl	Materials Lab	Unknown	1x 12fl oz	Plastic Bottle	Flammable, Irritant
Isopropyl Alcohol	Materials Lab	BAE	1x 12fl oz	Plastic Spray Bottle	Flammable, Irritant
Isopropyl Alcohol	Materials Lab	BAE	1x 12fl oz	Plastic Squeeze Bottle	Flammable, Irritant
Mat & Table Top Cleaner	Materials Lab	Staticide	1x .95L	Plastic Bottle	Irritant
Hand Sanitizer	Materials Lab	Premium Nature	2x 8oz	Plastic Bottle	Flammable
Isopropanol	Materials Lab	BAE	1x 8oz	Plastic Squeeze Bottle	Flammable, Irritant
All Purpose Hydrogen Peroxide Cleaner	Materials Lab	Clean by Peroxy	1x 1qt	Plastic Spray Bottle	Irritant

Model Shop - Chemical Name	Location	Brand/Supplier	Number & Amount in Container	Type & Condition of Container	Hazard Classification/Symbols
Isopropyl Alcohol	Model Shop	BAE	1x 10ml, 4x 8oz squeeze	Plastic Bottle, Squeeze Bottle	Flammable, Irritant
Isopropyl Alcohol	Model Shop	BAE	5x 1qt	Plastic Spray Bottle	Flammable, Irritant
Velocite Oil No. 6	Model Shop	Mobil	3x 1gal, 2x 1qt	Cans, Old, Good Condition	Health Hazard
Vactra Oil No. 1	Model Shop	Mobil	1x 5gal	Bucket	Flammable, Irritant
Vacuum Pump Oil	Model Shop	Virginia	1x 1gal	Plastic Bottle	Irritant
DTE Oil Light	Model Shop	Mobil	1x 5gal	Bucket	Flammable
Mobilmet 766 Oil	Model Shop	Mobil	1x 1gal	Bottle	Flammable
IPA-Based Flux Remover	Model Shop	MicroCare	2x 5gal	Bag in Box	Flammable, Irritant
Vactra Oil No. 2	Model Shop	Mobil	2x 5gal, 1x 1gal	Bucket/Bottle	Flammable, Irritant
ATL 128 Air Tool Lubricant	Model Shop	Coilhouse Pneumatics	1x 3.785L	Bottle	Health Hazard
Universal Cleaner and Disinfectant	Model Shop	Amtech	2x 1lb	Bottle	Flammable, Irritant
Boelube 70104	Model Shop	BAE	2x 8oz	Plastic Jar	Flammable, Irritant
Isopropyl Alcohol & Distilled Water	Model Shop	Clean Check	1x 24oz	Plastic Spray Bottle	Flammable, Irritant
186 Rosin Flux	Model Shop	BAE	2x 10ml	Bottle	Flammable, Irritant
Chometrics Cho-Bond 130-55 Adhesive	Model Shop	Parker	4x 4oz	Tube	Health Hazard, Irritant
Chometrics Cho-Bond 130-55 Primer	Model Shop	Parker	4x 10g	Glass Tube	Flammable, Health Hazard, Irritant
Bonderite M-CR 1132 Aero	Model Shop	Henkel	3x 0.035kg	Tube	Health Hazard, Irritant
Bonderite M-CR 8871 Aero	Model Shop	Henkel	3x 0.035kg	Tube	Health Hazard, Irritant
3145 RTV Adhesive	Model Shop	Dowsil	3x 3fl oz	Tube	Health Hazard
Layout Dye S00603 Blue Layout Fluid	Model Shop	Sprayon	2x 12oz	Cans	Flammable, Irritant
Steel Blue Layout Fluid	Model Shop	Dykem	3x 4fl oz	Bottle	Flammable, Irritant
Flux Remover	Model Shop	MicroCare	1x 12oz	Can	Flammable
NyoGel 760G	Model Shop	Nye Lubricants	1x 3.53oz	Tube	NON-HAZARDOUS
197 Soldering Flux	Model Shop	Kester	1x 1gal, 5x10mL	Bottle	Flammable, Irritant
Isopropyl Alcohol Safety Rinse Tank	Model Shop	JustRite	2x 8gal capacity	Safety Rinse Tank	Flammable
WD-40	Model Shop	WD-40	1x 11oz	Can	Flammable, Health Hazard, Irritant, Gas Cylinder
Simple Green Cleaner	Model Shop	BAE	1x 1qt, 1x 2gal	Bottle	Irritant
Steel Red Layout Fluid	Model Shop	Dykem	1x 4fl oz	Bottle	Flammable, Irritant
Sump Deodorizing Tablets	Model Shop	Abanaki Corp.	1x 5oz	Bottle	Irritant

Reprographics - Chemical Name	Location	Brand/Supplier	Number & Amount in Container	Type & Condition of Container	Hazard Classification/Symbols
Krylon Matte Finish Spray	Reprographics	Krylon	1x 14oz	Can	Flammable
Electronics Duster	Reprographics	Dust Off	1x 10oz	Can	Flammable
Cleaning Duster	Reprographics	Office Depot	2x 10oz	Can	Flammable
Lift Off Tape & Stain Remover	Reprographics	MotsenBocker's	1x 15oz	Plastic Bottle	Irritant
Polycrylic Finish	Reprographics	Minwax	1x 8fl oz	Can	Health Hazard
Hand Sanitizer	Reprographics	Germs be Gone	1x 16fl oz	Plastic Bottle	Flammable
DyeTrans Photo Spray II	Reprographics	Conde	2x 11oz	Can	Flammable, Irritant, Health Hazard
Static Eliminator	Reprographics	Martin Yale	1x 14oz	Can	Flammable, Irritant
Hand Sanitizing Wipes	Reprographics	Purell	1x 1.5lb	Plastic Bottle	Flammable, Irritant
Icky Sticky Stuff Remover	Reprographics	De-Solv-It	1x 4fl oz	Plastic Bottle	Flammable
Eco-Mist Adhesive	Reprographics	AlbaChem	1x 12oz	Can	Flammable, Irritant, Health Hazard
Isopropyl Alcohol	Reprographics	BAE	1x 10fl oz	Plastic Container	Flammable, Irritant

Chemical Name	Location	Brand/Supplier	Number & Amount in Container	Type & Condition of Container	Hazard Classification/Symbols
Hand Sanitizer	Facilities EH&S	Purell	8x 8oz	Plastic Bottle	Flammable

Chemical Name	Location	Brand/Supplier	Number & Amount in Container	Type & Condition of Container	Hazard Classification/Symbols
Hand Sanitizer	Mail Room	Purell	4x 8oz	Plastic Bottle	Flammable

APPENDIX C
DATA USABILITY SUMMARY REPORTS

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

APPENDIX D
NYSDOH SOIL VAPOR/AIR MATRICES

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
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December 9, 2022 - Matrix A
BAE Systems
Greenlawn, New York

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-1/MP-7			<0.2	0.2 to <1	1 and above
			0.134		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**25.4**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-1/MP-7			<0.2	0.2 to <1	1 and above
			0.197		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**1.77**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-1/MP-7			<0.2	0.2 to <1	1 and above
			0.197		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**1.77**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-1/MP-7			<0.2	0.2 to <1	1 and above
				0.376	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**1.4**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-1/MP-9			<0.2	0.2 to <1	1 and above
			0.675		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above	**213**	7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-1/MP-9			<0.2	0.2 to <1	1 and above
			0.197		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**29.8**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-1/MP-9			<0.2	0.2 to <1	1 and above
			0.197		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.51**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-1/MP-9			<0.2	0.2 to <1	1 and above
				0.376	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.405**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-2/MP-8			<0.2	0.2 to <1	1 and above
			0.138		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**28.4**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-2/MP-8			<0.2	0.2 to <1	1 and above
			0.204		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**7.46**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-2/MP-8			<0.2	0.2 to <1	1 and above
			0.204		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.49**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-2/MP-8			<0.2	0.2 to <1	1 and above
				0.323	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.329**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-2/MP-10			<0.2	0.2 to <1	1 and above
			0.138		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**41.6**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-2/MP-10			<0.2	0.2 to <1	1 and above
			0.204		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**3.32**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-2/MP-10			<0.2	0.2 to <1	1 and above
			0.204		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**12.6**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-2/MP-10			<0.2	0.2 to <1	1 and above
				0.323	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.347**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-2/MP-11			<0.2	0.2 to <1	1 and above
			0.138		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**42.3**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-2/MP-11			<0.2	0.2 to <1	1 and above
			0.204		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**2.23**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-2/MP-11			<0.2	0.2 to <1	1 and above
			0.204		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above	**271**	7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-2/MP-11			<0.2	0.2 to <1	1 and above
				0.323	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.327**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-3/MP-1			<0.2	0.2 to <1	1 and above
			0.125		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**12**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-3/MP-1			<0.2	0.2 to <1	1 and above
			0.185		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**2.76**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-3/MP-1			<0.2	0.2 to <1	1 and above
			0.185		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**2.76**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-3/MP-1			<0.2	0.2 to <1	1 and above
				0.352	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**2.19**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-3/MP-2			<0.2	0.2 to <1	1 and above
			0.125		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**55.8**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-3/MP-2			<0.2	0.2 to <1	1 and above
			0.185		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.559**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-3/MP-2			<0.2	0.2 to <1	1 and above
			0.185		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**1.97**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-3/MP-2			<0.2	0.2 to <1	1 and above
				0.352	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.339**	1. No further action	1. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-3/MP-3			<0.2	0.2 to <1	1 and above
			0.138		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**6.91**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-3/MP-3			<0.2	0.2 to <1	1 and above
			0.185		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**4.81**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-3/MP-3			<0.2	0.2 to <1	1 and above
			0.185		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**145**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-3/MP-3			<0.2	0.2 to <1	1 and above
				0.352	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.381**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-4/MP-4			<0.2	0.2 to <1	1 and above
			0.147		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**13.5**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-4/MP-4			<0.2	0.2 to <1	1 and above
				0.217	
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.876**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-4/MP-4			<0.2	0.2 to <1	1 and above
				0.217	
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.481**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-4/MP-4			<0.2	0.2 to <1	1 and above
				0.344	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.695**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-4/MP-5			<0.2	0.2 to <1	1 and above
			0.147		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**12**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-4/MP-5			<0.2	0.2 to <1	1 and above
				0.217	
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.394**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-4/MP-5			<0.2	0.2 to <1	1 and above
				0.217	
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.394**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-4/MP-5			<0.2	0.2 to <1	1 and above
				0.344	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.312**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA-4/MP-6			<0.2	0.2 to <1	1 and above
			0.147		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above	**102**	7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA-4/MP-6			<0.2	0.2 to <1	1 and above
				0.217	
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**4.14**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA-4/MP-6			<0.2	0.2 to <1	1 and above
				0.217	
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**1.14**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA-4/MP-6			<0.2	0.2 to <1	1 and above
				0.344	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**3.28**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

Notes:
Decision Matrices taken form Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH, May 2017.
Analytical data used is from samples collected 12/9/22
Highlighted column and rows represent columns and rows corresponding to analytical results for given compounds.
Highlighted cells represents NYSDOH recommendations based upon comparison of sub-slab and indoor air concentrations.
ND - not detected above the laboratory method detection limit

December 9, 2022 - Matrix B
BAE Systems
Greenlawn, New York

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-1/MP-7			<3	3 to <10	10 and above
			0.675		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**145**	4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-1/MP-7			<3	3 to <10	10 and above
			0.134		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**25.4**	1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-1/MP-7			<3	3 to <10	10 and above
			0.795		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**6.19**	1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-1/MP9			<3	3 to <10	10 and above
			0.675		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**542**	4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-1/MP9			<3	3 to <10	10 and above
			0.134		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**213**	4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-1/MP9			<3	3 to <10	10 and above
			0.795		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.79**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-2/MP-8			<3	3 to <10	10 and above
			0.697		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	**50.3**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-2/MP-8			<3	3 to <10	10 and above
			0.697		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**50.3**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-2/MP-8			<3	3 to <10	10 and above
			0.714		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.45**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-2/MP-10			<3	3 to <10	10 and above
			0.697		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	**99.3**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-2/MP-10			<3	3 to <10	10 and above
			0.138		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**41.6**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-2/MP-10			<3	3 to <10	10 and above
			0.714		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.53**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-2/MP-11			<3	3 to <10	10 and above
			0.697		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**597**	4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-2/MP-11			<3	3 to <10	10 and above
			0.138		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**42.3**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-2/MP-11			<3	3 to <10	10 and above
			0.714		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.45**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-3/MP-1			<3	3 to <10	10 and above
			0.633		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**867**	4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-3/MP-1			<3	3 to <10	10 and above
			0.125		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**12**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-3/MP-1			<3	3 to <10	10 and above
			0.875		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**9.66**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-3/MP-2			<3	3 to <10	10 and above
			0.633		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**200**	4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-3/MP-2			<3	3 to <10	10 and above
			0.125		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**55.8**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-3/MP-2			<3	3 to <10	10 and above
			0.875		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**2.02**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-3/MP-3			<3	3 to <10	10 and above
			0.633		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	**85.2**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-3/MP-3			<3	3 to <10	10 and above
			0.125		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**6.91**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-3/MP-3			<3	3 to <10	10 and above
			0.875		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.68**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-4/MP-4			<3	3 to <10	10 and above
			0.743		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**765**	4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-4/MP-4			<3	3 to <10	10 and above
			0.147		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**13.5**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-4/MP-4			<3	3 to <10	10 and above
			1.22		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**3.07**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-4/MP-5			<3	3 to <10	10 and above
			0.743		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**118**	4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-4/MP-5			<3	3 to <10	10 and above
			0.147		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**12**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-4/MP-5			<3	3 to <10	10 and above
			1.22		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.52**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA-4/MP-6			<3	3 to <10	10 and above
			0.743		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above	**1430**	7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA-4/MP-6			<3	3 to <10	10 and above
			0.147		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**102**	4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA-4/MP-6			<3	3 to <10	10 and above
			1.22		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**15.5**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MOITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

Notes:
Decision Matrices taken form Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH, May 2017.
Analytical data used is from samples collected 12/9/22
Highlighted column and rows represent columns and rows corresponding to analytical results for given compounds.
Highlighted cells represents NYSDOH recommendations based upon comparison of sub-slab and indoor air concentrations.
ND - not detected above the laboratory method detection limit

December 9, 2022 - Matrix C
BAE Systems
Greenlawn, New York

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-1/MP-7			<0.2	0.2 to <1	1 and above
			0.127		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**1.14**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-1/MP-9			<0.2	0.2 to <1	1 and above
			0.127		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.329**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-2/MP-8			<0.2	0.2 to <1	1 and above
			0.131		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.287**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-2/MP-10			<0.2	0.2 to <1	1 and above
			0.131		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.282**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-2/MP-11			<0.2	0.2 to <1	1 and above
			0.131		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.266**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-3/MP-1			<0.2	0.2 to <1	1 and above
			0.119		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**1.78**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-3/MP-2			<0.2	0.2 to <1	1 and above
			0.119		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**2.76**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-3/MP-3			<0.2	0.2 to <1	1 and above
			0.119		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.31**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-4/MP-4			<0.2	0.2 to <1	1 and above
			0.14		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.565**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-4/MP-5			<0.2	0.2 to <1	1 and above
			0.14		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.254**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA-4/MP-6			<0.2	0.2 to <1	1 and above
			0.14		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**2.67**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

Notes:
Decision Matrices taken form Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH, May 2017.
Analytical data used is from samples collected 12/9/22
Highlighted column and rows represent columns and rows corresponding to analytical results for given compounds.
Highlighted cells represents NYSDOH recommendations based upon comparison of sub-slab and indoor air concentrations.
ND - not detected above the laboratory method detection limit

March 31, 2023 - Matrix A
BAE Systems
Greenlawn, New York

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA002/MP-7			<0.2	0.2 to <1	1 and above
			0.103		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**25.5**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA002/MP-7			<0.2	0.2 to <1	1 and above
			0.152		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.754**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA002/MP-7			<0.2	0.2 to <1	1 and above
			0.152		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.377**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA002/MP-7			<0.2	0.2 to <1	1 and above
				0.386	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.359**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA003/MP-9			<0.2	0.2 to <1	1 and above
			0.122		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above	**316**	7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA003/MP-9			<0.2	0.2 to <1	1 and above
			0.18		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**35.5**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA003/MP-9			<0.2	0.2 to <1	1 and above
			0.18		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.365**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA003/MP-9			<0.2	0.2 to <1	1 and above
				0.401	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.29**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA002/MP-8			<0.2	0.2 to <1	1 and above
			0.103		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**26.7**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA002/MP-8			<0.2	0.2 to <1	1 and above
			0.152		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**7.46**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA002/MP-8			<0.2	0.2 to <1	1 and above
			0.152		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.49**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA002/MP-8			<0.2	0.2 to <1	1 and above
				0.386	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.329**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA001/MP-10			<0.2	0.2 to <1	1 and above
			0.116		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**29**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA001/MP-10			<0.2	0.2 to <1	1 and above
			0.17		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**2.5**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA001/MP-10			<0.2	0.2 to <1	1 and above
			0.17		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**7.89**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA001/MP-10			<0.2	0.2 to <1	1 and above
				0.433	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.417**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA001/MP-11			<0.2	0.2 to <1	1 and above
			0.116		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above	**299**	7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA001/MP-11			<0.2	0.2 to <1	1 and above
			0.17		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**10.7**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA001/MP-11			<0.2	0.2 to <1	1 and above
			0.17		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.328**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA001/MP-11			<0.2	0.2 to <1	1 and above
				0.433	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.26**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA004/MP-1			<0.2	0.2 to <1	1 and above
			0.11		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**11.5**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA004/MP-1			<0.2	0.2 to <1	1 and above
			0.162		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**2.68**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA004/MP-1			<0.2	0.2 to <1	1 and above
			0.162		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.362**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA004/MP-1			<0.2	0.2 to <1	1 and above
				0.411	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.287**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA004/MP-2			<0.2	0.2 to <1	1 and above
			0.11		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**21.2**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA004/MP-2			<0.2	0.2 to <1	1 and above
			0.162		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.703**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA004/MP-2			<0.2	0.2 to <1	1 and above
			0.162		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.766**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA004/MP-2			<0.2	0.2 to <1	1 and above
				0.411	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.253**	1. No further action	1. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA003/MP-3			<0.2	0.2 to <1	1 and above
			0.122		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6	**3.63**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA003/MP-3			<0.2	0.2 to <1	1 and above
			0.18		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.326**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA003/MP-3			<0.2	0.2 to <1	1 and above
			0.18		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.326**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA003/MP-3			<0.2	0.2 to <1	1 and above
				0.401	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.414**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA003/MP-4			<0.2	0.2 to <1	1 and above
			0.122		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**10.8**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA003/MP-4			<0.2	0.2 to <1	1 and above
			0.18		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.32**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA003/MP-4			<0.2	0.2 to <1	1 and above
			0.18		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.32**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA003/MP-4			<0.2	0.2 to <1	1 and above
				0.401	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.305**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA003/MP-5			<0.2	0.2 to <1	1 and above
			0.122		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**10.1**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA003/MP-5			<0.2	0.2 to <1	1 and above
			0.18		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.297**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA003/MP-5			<0.2	0.2 to <1	1 and above
			0.18		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.297**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA003/MP-5			<0.2	0.2 to <1	1 and above
				0.401	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.377**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA002/MP-6			<0.2	0.2 to <1	1 and above
			0.103		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above	**107**	7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA002/MP-6			<0.2	0.2 to <1	1 and above
			0.152		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.732**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA002/MP-6			<0.2	0.2 to <1	1 and above
			0.152		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.439**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA002/MP-6			<0.2	0.2 to <1	1 and above
				0.386	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.348**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

Notes:
Decision Matrices taken form Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH, May 2017.
Analytical data used is from samples collected 12/9/22
Highlighted column and rows represent columns and rows corresponding to analytical results for given compounds.
Highlighted cells represents NYSDOH recommendations based upon comparison of sub-slab and indoor air concentrations.
ND - not detected above the laboratory method detection limit

March 31, 2023 - Matrix B
BAE Systems
Greenlawn, New York

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA002/MP-7			<3	3 to <10	10 and above
			0.676		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**226**	4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA002/MP-7			<3	3 to <10	10 and above
			0.419		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**20.8**	1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA002/MP-7			<3	3 to <10	10 and above
			2.08		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.65**	1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA003/MP-9			<3	3 to <10	10 and above
			0.617		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**605**	4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA003/MP-9			<3	3 to <10	10 and above
			0.497		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**13.8**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA003/MP-9			<3	3 to <10	10 and above
			1.49		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.47**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA002/MP-8			<3	3 to <10	10 and above
			0.676		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	**61.8**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA002/MP-8			<3	3 to <10	10 and above
			0.419		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**2.99**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA002/MP-8			<3	3 to <10	10 and above
			2.08		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.29**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA001/MP-10			<3	3 to <10	10 and above
			0.676		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	**59**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA001/MP-10			<3	3 to <10	10 and above
			0.469		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**6.51**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA001/MP-10			<3	3 to <10	10 and above
			2.99		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.21**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA001/MP-11			<3	3 to <10	10 and above
			0.676		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above	**4,380**	7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA001/MP-11			<3	3 to <10	10 and above
			0.469	**7.22**	
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**42.3**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA001/MP-11			<3	3 to <10	10 and above
			1.32		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.45**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA004/MP-1			<3	3 to <10	10 and above
			0.553		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**540**	4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA004/MP-1			<3	3 to <10	10 and above
			0.534		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**24.3**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA004/MP-1			<3	3 to <10	10 and above
			1.22		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**2.47**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA004/MP-2			<3	3 to <10	10 and above
			0.553		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**155**	4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA004/MP-2			<3	3 to <10	10 and above
			0.534		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**26.8**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA004/MP-2			<3	3 to <10	10 and above
			1.22		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.85**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA003/MP-3			<3	3 to <10	10 and above
			0.617		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	**78.9**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA003/MP-3			<3	3 to <10	10 and above
			0.497		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**4.85**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA003/MP-3			<3	3 to <10	10 and above
			1.49		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.32**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA003/MP-4			<3	3 to <10	10 and above
			0.617		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**550**	4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA003/MP-4			<3	3 to <10	10 and above
			0.497		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**18.3**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA003/MP-4			<3	3 to <10	10 and above
			1.49		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**2.08**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA003/MP-5			<3	3 to <10	10 and above
			0.617		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	**113**	4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA003/MP-5			<3	3 to <10	10 and above
			0.497		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**5.07**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA003/MP-5			<3	3 to <10	10 and above
			1.49		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**1.41**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA002/MP-6			<3	3 to <10	10 and above
			0.676		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above	**1,830**	7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA002/MP-6			<3	3 to <10	10 and above
			0.419		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	**2.95**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA002/MP-6			<3	3 to <10	10 and above
			2.08		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	**81.4**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

Notes:
Decision Matrices taken form Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH, May 2017.
Analytical data used is from samples collected 12/9/22
Highlighted column and rows represent columns and rows corresponding to analytical results for given compounds.
Highlighted cells represents NYSDOH recommendations based upon comparison of sub-slab and indoor air concentrations.
ND - not detected above the laboratory method detection limit

March 31, 2023 - Matrix C
BAE Systems
Greenlawn, New York

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA002/MP-7			<0.2	0.2 to <1	1 and above
			0.098		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.243**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA003/MP-9			<0.2	0.2 to <1	1 and above
			0.116		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.235**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA002/MP-8			<0.2	0.2 to <1	1 and above
			0.098		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.206**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA001/MP-10			<0.2	0.2 to <1	1 and above
			0.11		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.212**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA001/MP-11			<0.2	0.2 to <1	1 and above
			0.11		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.211**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA004/MP-1			<0.2	0.2 to <1	1 and above
			0.104		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.233**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA004/MP-2			<0.2	0.2 to <1	1 and above
			0.104		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.206**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA003/MP-3			<0.2	0.2 to <1	1 and above
			0.116		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.21**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA003/MP-4			0.116	0.2 to <1	1 and above
			0.14		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.207**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA003/MP-5			<0.2	0.2 to <1	1 and above
			0.116		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.192**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA002/MP-6			<0.2	0.2 to <1	1 and above
			0.116		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.236**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

Notes:
Decision Matrices taken form Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH, May 2017.
Analytical data used is from samples collected 12/9/22
Highlighted column and rows represent columns and rows corresponding to analytical results for given compounds.
Highlighted cells represents NYSDOH recommendations based upon comparison of sub-slab and indoor air concentrations.
ND - not detected above the laboratory method detection limit

November 10, 2023 - Matrix A
BAE Systems
Greenlawn, New York

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA002/MP-7			<0.2	0.2 to <1	1 and above
			0.113		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**15.4**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA002/MP-7			<0.2	0.2 to <1	1 and above
			0.0835		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.330**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA002/MP-7			<0.2	0.2 to <1	1 and above
			0.0911		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.330**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA002/MP-7			<0.2	0.2 to <1	1 and above
				0.477	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.524**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA003/MP-9			<0.2	0.2 to <1	1 and above
			0.123		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above	**152**	7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA003/MP-9			<0.2	0.2 to <1	1 and above
			0.0911		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**20.3**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA003/MP-9			<0.2	0.2 to <1	1 and above
			0.0911		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.326**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA003/MP-9			<0.2	0.2 to <1	1 and above
				0.463	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.517**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA002/MP-8			<0.2	0.2 to <1	1 and above
			0.113		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**34.5**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA002/MP-8			<0.2	0.2 to <1	1 and above
			0.0835		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**1.16**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA002/MP-8			<0.2	0.2 to <1	1 and above
			0.0835		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.323**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA002/MP-8			<0.2	0.2 to <1	1 and above
				0.477	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.513**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA001/MP-10			<0.2	0.2 to <1	1 and above
			0.152		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**33.9**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA001/MP-10			<0.2	0.2 to <1	1 and above
			0.0934		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**1.50**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA001/MP-10			<0.2	0.2 to <1	1 and above
			0.0934		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.170**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA001/MP-10			<0.2	0.2 to <1	1 and above
				0.415	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.432**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA001/MP-11			<0.2	0.2 to <1	1 and above
			0.152		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above	**137**	7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA001/MP-11			<0.2	0.2 to <1	1 and above
			0.0934		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60	**9.53**	4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA001/MP-11			<0.2	0.2 to <1	1 and above
			0.0934		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.851**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA001/MP-11			<0.2	0.2 to <1	1 and above
				0.415	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**1.35**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA004/MP-1			<0.2	0.2 to <1	1 and above
			0.124		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6	**0.439**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA004/MP-1			<0.2	0.2 to <1	1 and above
			0.0915		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.324**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA004/MP-1			<0.2	0.2 to <1	1 and above
			0.0915		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.324**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA004/MP-1			<0.2	0.2 to <1	1 and above
				0.465	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.514**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA004/MP-2			<0.2	0.2 to <1	1 and above
			0.124		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6	**0.235**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA004/MP-2			<0.2	0.2 to <1	1 and above
			0.0915		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.347**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA004/MP-2			<0.2	0.2 to <1	1 and above
			0.0915		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.347**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA004/MP-2			<0.2	0.2 to <1	1 and above
				0.465	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.275**	1. No further action	1. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA003/MP-3			<0.2	0.2 to <1	1 and above
			0.123		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6	**0.198**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA003/MP-3			<0.2	0.2 to <1	1 and above
			0.0911		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.146**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA003/MP-3			<0.2	0.2 to <1	1 and above
			0.0911		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.146**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA003/MP-3			<0.2	0.2 to <1	1 and above
				0.463	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.741**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA003/MP-4			<0.2	0.2 to <1	1 and above
			0.123		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6	**5.37**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA003/MP-4			<0.2	0.2 to <1	1 and above
			0.0911		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.202**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA003/MP-4			<0.2	0.2 to <1	1 and above
			0.0911		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.202**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA003/MP-4			<0.2	0.2 to <1	1 and above
				0.463	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.513**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA003/MP-5			<0.2	0.2 to <1	1 and above
			0.123		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6	**2.51**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA003/MP-5			<0.2	0.2 to <1	1 and above
			0.0911		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.185**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA003/MP-5			<0.2	0.2 to <1	1 and above
			0.0911		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.185**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA003/MP-5			<0.2	0.2 to <1	1 and above
				0.463	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**0.47**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Tricholoroethene (TCE) (µg/m³)		
Sample Location IA002/MP-6			<0.2	0.2 to <1	1 and above
			0.113		
Sub-Slab Concentration - Tricholoroethene (TCE) (ug/m3)	<6	**4.86**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - cis 1,2-Dichloroethene (c12-DCE) (µg/m³)		
Sample Location IA002/MP-6			<0.2	0.2 to <1	1 and above
			0.0835		
Sub-Slab Concentration - Dichloroethene (c12-DCE) (ug/m3)	<6	**0.689**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - 1,1-Dichloroethene (11-DCE) (µg/m³)		
Sample Location IA002/MP-6			<0.2	0.2 to <1	1 and above
			0.0835		
Sub-Slab Concentration - 1,1-Dichloroethene (11-DCE) (ug/m3)	<6	**0.689**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix A			Indoor Air Concentration - Carbon tetrachloride (µg/m³)		
Sample Location IA002/MP-6			<0.2	0.2 to <1	1 and above
				0.477	
Sub-Slab Concentration - Carbon tetrachloride) (ug/m3)	<6	**1.09**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

Notes:
Decision Matrices taken form Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH, May 2017.
Analytical data used is from samples collected 12/9/22
Highlighted column and rows represent columns and rows corresponding to analytical results for given compounds.
Highlighted cells represents NYSDOH recommendations based upon comparison of sub-slab and indoor air concentrations.
ND - not detected above the laboratory method detection limit

November 10, 2023 - Matrix B
BAE Systems
Greenlawn, New York

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA002/MP-7			<3	3 to <10	10 and above
			0.571		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	90.4	1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA002/MP-7			<3	3 to <10	10 and above
			0.386		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	10.7	1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA002/MP-7			<3	3 to <10	10 and above
			0.205		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	0.81	1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA003/MP-9			<3	3 to <10	10 and above
			0.623		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	199	4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA003/MP-9			<3	3 to <10	10 and above
			0.421		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	4.84	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA003/MP-9			<3	3 to <10	10 and above
			1.28		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	0.799	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA002/MP-8			<3	3 to <10	10 and above
			0.571		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	75.2	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA002/MP-8			<3	3 to <10	10 and above
			0.386		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	4.62	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA002/MP-8			<3	3 to <10	10 and above
			0.205		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	0.793	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA001/MP-10			<3	3 to <10	10 and above
			1.21		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	42.1	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA001/MP-10			<3	3 to <10	10 and above
			0.432		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	0.786	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA001/MP-10			<3	3 to <10	10 and above
			0.229		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	0.417	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA001/MP-11			<3	3 to <10	10 and above
			1.21		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above	1290	7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA001/MP-11			<3	3 to <10	10 and above
			0.432		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	3.93	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA001/MP-11			<3	3 to <10	10 and above
			0.229		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	2.09	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA004/MP-1			<3	3 to <10	10 and above
			0.307		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	1.09	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA004/MP-1			<3	3 to <10	10 and above
			0.423		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	1.5	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA004/MP-1			<3	3 to <10	10 and above
			1.73		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	0.794	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA004/MP-2			<3	3 to <10	10 and above
			0.307		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	1.19	1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA004/MP-2			<3	3 to <10	10 and above
			0.423		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	0.955	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA004/MP-2			<3	3 to <10	10 and above
			1.73		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	1.22	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA003/MP-3			<3	3 to <10	10 and above
			0.623		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	3.89	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA003/MP-3			<3	3 to <10	10 and above
			0.421		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	0.675	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA003/MP-3			<3	3 to <10	10 and above
			1.28		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	2.15	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA003/MP-4			<3	3 to <10	10 and above
			0.623		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100		1. No further Action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000	255	4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA003/MP-4			<3	3 to <10	10 and above
			0.421		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	10.6	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA003/MP-4			<3	3 to <10	10 and above
			1.28		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	0.496	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA003/MP-5			<3	3 to <10	10 and above
			0.623		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	23.7	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA003/MP-5			<3	3 to <10	10 and above
			0.421		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	1.73	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA003/MP-5			<3	3 to <10	10 and above
			1.28		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	0.454	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Tetrachloroethylene (PCE) (µg/m³)		
Sample Location IA002/MP-6			<3	3 to <10	10 and above
			0.571		
Sub-Slab Concentration - Tetrachloroethylene (PCE) (ug/m3)	<100	27.8	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - 1,1,1-Trichloroethane (111-TCA) (µg/m³)		
Sample Location IA002/MP-6			<3	3 to <10	10 and above
			0.386		
Sub-Slab Concentration - 1,1,1-Trichloroethane (111-TCA (ug/m3)	<100	3.19	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

NYSDOH Decision Matrix B			Indoor Air Concentration - Methylene Chloride (µg/m³)		
Sample Location IA002/MP-6			<3	3 to <10	10 and above
			0.205		
Sub-Slab Concentration - Methylene Chloride (ug/m3)	<100	1.69	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	100 to <1,000		4. No further action	5. MONITOR	6. MITIGATE
	1,000 and above		7. MITIGATE	8. MITIGATE	9. MITIGATE

Notes:
Decision Matrices taken form Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH, May 2017.
Analytical data used is from samples collected 12/9/22
Highlighted column and rows represent columns and rows corresponding to analytical results for given compounds.
Highlighted cells represents NYSDOH recommendations based upon comparison of sub-slab and indoor air concentrations.
ND - not detected above the laboratory method detection limit

November 10, 2023 - Matrix C
BAE Systems
Greenlawn, New York

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA002/MP-7			<0.2	0.2 to <1	1 and above
			0.0947		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.375**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA003/MP-9			<0.2	0.2 to <1	1 and above
			0.103		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.369**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA002/MP-8			<0.2	0.2 to <1	1 and above
			0.0947		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.367**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA001/MP-10			<0.2	0.2 to <1	1 and above
			0.106		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.193**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA001/MP-11			<0.2	0.2 to <1	1 and above
			0.106		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.966**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA004/MP-1			<0.2	0.2 to <1	1 and above
			0.104		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.367**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA004/MP-2			<0.2	0.2 to <1	1 and above
			0.104		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.224**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA003/MP-3			<0.2	0.2 to <1	1 and above
			0.103		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.166**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA003/MP-4			0.116	0.2 to <1	1 and above
			0.103		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.229**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA003/MP-5			<0.2	0.2 to <1	1 and above
			0.103		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.21**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

NYSDOH Decision Matrix C			Indoor Air Concentration - Vinyl Chloride (µg/m³)		
Sample Location IA002/MP-6			<0.2	0.2 to <1	1 and above
			0.0947		
Sub-Slab Concentration - Vinyl Chloride (ug/m³)	<6	**0.782**	1. No further action	2. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
	6 to <60		4. No further action	5. MONITOR	6. MITIGATE
	60 and above		7. MITIGATE	8. MITIGATE	9. MITITGATE

Notes:
Decision Matrices taken form Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, NYSDOH, May 2017.
Analytical data used is from samples collected 12/9/22
Highlighted column and rows represent columns and rows corresponding to analytical results for given compounds.
Highlighted cells represents NYSDOH recommendations based upon comparison of sub-slab and indoor air concentrations.
ND - not detected above the laboratory method detection limit

APPENDIX E
NYSDEC CORRESPONDENCE

P.W. GROSSER CONSULTING, INC • P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, PC
631.589.6353 • WWW.PWGROSSER.COM • PWGC.INFO@PWGROSSER.COM
BOHEMIA • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON, CT

Gmail Usman Chaudhry <uchaudhry@pwgrosser.com>

NYSDEC Site No. 152005 - Hazeltine Corporation

71 messages

Usman Chaudhry <uchaudhry@pwgrosser.com> Thu, May 5, 2022 at 9:05 AM
To: brian.jankauskas@dec.ny.gov
Cc: Kris Almskog <krisa@pwgrosser.com>

Brian,

I hope you are doing well. PWGC is representing BAE Systems in regards to the O&M of the active sub-surface vapor mitigation (SSVM) system at the above-referenced site.

PWGC designed and installed the system in 2013, and it has been actively operating since 2013. BAE Systems is looking to evaluate the potential closure/decommissioning of the system. We would like to have a call with NYSDEC and NYDOH to discuss a sampling plan to be implemented to evaluate if the system warrants closure and/or modification from its current operating status.

Please call me to discuss at your convenience.

Best Regards,

Usman Chaudhry| Project Manager

PWGC
CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

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Please consider the environment - think before you print!

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Mon, May 16, 2022 at 8:38 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Usman,

Thank you for the email. Right now DEC and DOH are available to discuss the site during the dates/times indicated below.

Please let me know what date/time works best for you.

Regards,

Brian

May 27, morning or afternoon

May 31, afternoon

June 6, morning or afternoon

June 7, afternoon

June 9, morning

June 10, morning or afternoon

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Thursday, May 5, 2022 9:05 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com
Subject: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

I hope you are doing well. PWGC is representing BAE Systems in regards to the O&M of the active sub-surface vapor mitigation (SSVM) system at the above-referenced site.

PWGC designed and installed the system in 2013, and it has been actively operating since 2013. BAE Systems is looking to evaluate the potential closure/decommissioning of the system. We would like to have a call with NYSDEC and NYDOH to discuss a sampling plan to be implemented to evaluate if the system warrants closure and/or modification from its current operating status.

Please call me to discuss at your convenience.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Mon, May 16, 2022 at 9:04 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Usman,

Unfortunately the dates of June 6 and June 10 may not work based on pending plans so it would be best to avoid those dates.

Regards,

Brian

[Quoted text hidden]

Usman Chaudhry <uchaudhry@pwgrosser.com> Mon, May 16, 2022 at 9:06 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Brian,
Thanks for getting back to me. Both me and Kris are available on May 31, Afternoon. Please let me know what communication medium works best for you, we can send an invite for a call or zoom meeting.

Best Regards,

Usman Chaudhry| Project Manager

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w. 631.589.6353

f. 631.589.8705

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[Quoted text hidden]

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Mon, May 16, 2022 at 9:09 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Usman,

Since you will be leading the meeting please send what will work best for you. What time would the meeting start (2 pm)?

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Monday, May 16, 2022 9:06 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

Thanks for getting back to me. Both me and Kris are available on May 31, Afternoon. Please let me know what communication medium works best for you, we can send an invite for a call or zoom meeting.

Best Regards,

Usman Chaudhry| Project Manager

[Quoted text hidden]

[Quoted text hidden]

Usman Chaudhry <uchaudhry@pwgrosser.com> Mon, May 16, 2022 at 2:04 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Brian,
We will schedule a Zoom meeting for 2 PM on May 31st. We will send you the invite.

Best Regards,

Usman Chaudhry| Project Manager

PWGC
CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

[Quoted text hidden]

[Quoted text hidden]

Usman Chaudhry <uchaudhry@pwgrosser.com> Fri, Jul 15, 2022 at 9:23 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Good Morning Brian,
I hope you are doing well. PWGC has prepared a draft work plan for the SSVM closure as discussed in our meeting on May 31, 2022. Attached is a draft of the SSVM closure work plan for your review.

Please let me know if you have any questions.
[Quoted text hidden]
[Quoted text hidden]

SSVMClosureWP_7-15-22_draft.pdf.pdf
1308K

Usman Chaudhry <uchaudhry@pwgrosser.com> Fri, Aug 26, 2022 at 4:05 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Brian,
I hope you are doing well, just wanted to check on the work plan draft review. Please let me know if you have any questions.
[Quoted text hidden]
[Quoted text hidden]

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Tue, Sep 6, 2022 at 8:57 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

Attached please find a comment letter regarding the draft sampling plan.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Friday, August 26, 2022 4:06 PM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

I hope you are doing well, just wanted to check on the work plan draft review. Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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letter.hw152005.2022-09-06.SSVMsamplingplan.pdf
190K

Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, Sep 6, 2022 at 9:03 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
I hope you had a good weekend. We will updated the work plan accordingly.

Best Regards,

Usman Chaudhry| Project Manager

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w. 631.589.6353

f. 631.589.8705

[Quoted text hidden]

[Quoted text hidden]

Usman Chaudhry <uchaudhry@pwgrosser.com> Thu, Sep 15, 2022 at 1:23 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
Please see the attached updated draft of the work plan for the SSVM closure based on the DEC's comments letter received on September 6, 2022.

Let me know if you have any questions. Once approved I will send you a final copy of the workplan.
[Quoted text hidden]
[Quoted text hidden]

20220915_SSVMClosureWP_draft_V2.pdf
1549K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Fri, Sep 16, 2022 at 3:54 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

The initial review of the work plan did not include the resume for the chemist or report limits for confirmation that the laboratory will achieve the levels necessary for indoor air. Please provide that information so we can complete our review.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Thursday, September 15, 2022 1:24 PM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

Please see the attached updated draft of the work plan for the SSVM closure based on the DEC's comments letter received on September 6, 2022.

Let me know if you have any questions. Once approved I will send you a final copy of the workplan.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

On Tue, Sep 6, 2022 at 9:03 AM Usman Chaudhry <uchaudhry@pwgrosser.com> wrote:

> Brian,
>
> I hope you had a good weekend. We will updated the work plan accordingly.
>
> **Best Regards,**
>
> **Usman Chaudhry|** Project Manager
>
> [Quoted text hidden]
>
> [Quoted text hidden]

Usman Chaudhry <uchaudhry@pwgrosser.com> Fri, Sep 16, 2022 at 4:59 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
I have sent a request to the lab to get the resume for the chemist. Once received, I will forward it to you.

Have a great weekend.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353

f. 631.589.8705

[Quoted text hidden]

[Quoted text hidden]

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Mon, Sep 19, 2022 at 7:44 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

The laboratory should not prepare the DUSR, see DER-10 Section 2.2 for appropriate requirements regarding the individual preparing the DUSR.

Regards

Brian

2.2 Reporting Requirements

(a) Unless otherwise approved in advance by DER, laboratory data deliverables must be as defined in this subdivision.

1. Category B laboratory data deliverables. Category B data deliverables which are defined in the ASP and summarized in Appendix 2B:

i. must be submitted for the following types of samples, except for sites subject to section 5.5 (UST closure):

(1) samples representing the final delineation of the nature and extent of contamination for a SC or RI completed pursuant to Chapter 3;
(2) correlation samples as defined in section 2.4;
(3) confirmation and documentation samples as defined in paragraphs 1.3(b)3 and 11 and collected pursuant to section 5.4; and/or

(4) samples to determine closure of a system pursuant to sections 6.4 and/or 6.5; and

ii. must include the preparation of a Data Usability Summary Report (DUSR) prepared by a party independent from the laboratory performing the analysis for all samples when Category B data deliverables are provided. This party must also be independent from any direct involvement with the project, e.g. Project Manager or property owner. The required content of a DUSR and qualifications for the person preparing the DUSR are detailed in Appendix 2B.

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Friday, September 16, 2022 4:59 PM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

I have sent a request to the lab to get the resume for the chemist. Once received, I will forward it to you.

Have a great weekend.

Best Regards,

Usman Chaudhry| Project Manager

[Quoted text hidden]

[Quoted text hidden]

Usman Chaudhry <uchaudhry@pwgrosser.com> Mon, Sep 19, 2022 at 9:36 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
The DUSR will be prepared by Environmental Data Usability (EDU) of Dansville, New York. EDU is independent of the laboratory performing the analysis for all samples and independent from any direct involvement with the project.

Please see attached Chemist Resume from EDU. Please let me know if this will be sufficient to complete your review.

Best Regards,

Usman Chaudhry| Project Manager

PWGC
CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

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EDU DUSR Validator Quals.pdf
557K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Mon, Sep 26, 2022 at 3:48 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

I reviewed the information provided to date and I have the following comments.

1. Thank you for the resume. I provided it to the Department's chemist to review and I will let you know if we have any comments.
2. I am awaiting the reporting limits from the laboratory.
3. The Department understands that three rounds of sampling should be planned as this is expected to provide sufficient data to support shut-down of the system. This was reflected in Comment 2 after reviewing the initial work plan. The current discussion within Section 3.2 seems to identify two rounds of sampling. This needs to be revised to indicate three rounds of data will be obtained.
4. The Department requires the SSVM system to be restarted immediately after the collection of the first round of samples. This will facilitate evaluation of the data and subsequent shut-down of the system if a second round of samples is appropriate to collect. This was expressed in Comment 5 after reviewing the initial work plan. Section 3.2 of the revised plan indicates that the system will remain off until collection of the second round of samples but also indicates the system will be restarted to facilitate review of the first round of data, see second paragraph below. This should be revised to clearly indicate system operation prior to and after the three sampling events.

Regards,

Brian

The first round of SVI sampling will be conducted during the start of the heating season, and it will be conducted with the SSVM system shut off for a period of approximately four weeks prior to sampling. The first sampling event will be scheduled to be conducted in November 2022.

Based on the results of the first round of sampling, and in consultation with the NYSDEC and NYSDOH, the second round of concurrent air sampling may be conducted at the end of this current heating season, approximately March 2022. The SSVM system will remain off from the initial shut-down until after these samples are collected. After the first round of sampling is completed, the system will be restarted to ensure potential exposures continue to be addressed while the data from first round of sampling is reviewed. In the event that the second round of sampling is not conducted in March 2021, the sampling will be postponed until the following heating season and conducted in the same manner as described above. The timing of the sampling events may change to reflect site observations and data collected.

DRAFT

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Monday, September 19, 2022 9:36 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Brian,

The DUSR will be prepared by Environmental Data Usability (EDU) of Dansville, New York. EDU is independent of the laboratory performing the analysis for all samples and independent from any direct involvement with the project.

Please see attached Chemist Resume from EDU. Please let me know if this will be sufficient to complete your review.

Best Regards,

Usman Chaudhry| Project Manager

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letter.hw152005.2022-09-06.SSVMsamplingplan.pdf
190K

Kris Almskog <krisa@pwgrosser.com> Tue, Sep 27, 2022 at 8:46 AM

To: Usman Chaudhry <uchaudhry@pwgrosser.com>

I have no issues with the comments. Let me know if you need any assistance getting these turned around.

Kris Almskog, PG | Vice President

PWGC CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

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Please consider the environment - think before you print!

[Quoted text hidden]

letter.hw152005.2022-09-06.SSVMsamplingplan.pdf
190K

Usman Chaudhry <uchaudhry@pwgrosser.com> Wed, Sep 28, 2022 at 9:32 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
Thank you vey much for the quickly reviewing the work plan draft. We have updated the attached work plan draft as per you comments, also please see attached reporting limits form laboratory we will be using for sampling analysis.

Once you approve the draft, I will send you the final version of the work plan. Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Project Manager

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w. 631.589.6353

f. 631.589.8705

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2 attachments

20220928_SSVMClosureWP_Final.pdf
1916K

TO15 Full List RLs.pdf
35K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Thu, Sep 29, 2022 at 9:33 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

Who is the anticipated laboratory to be used?

Can you request the laboratory to provide the reporting limits in ug/m3?

Regards,

Usman Chaudhry <uchaudhry@pwgrosser.com> Thu, Sep 29, 2022 at 9:58 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
We are anticipated to use York Analytical Laboratories Inc. I have requested the lab to send reporting limits in ug/m3, I will forward them to you once received.

Best Regards,

Usman Chaudhry| Project Manager

PWGC
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w. 631.589.6353

f. 631.589.8705

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Usman Chaudhry <uchaudhry@pwgrosser.com> Thu, Sep 29, 2022 at 10:16 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
Please see attached reporting limits in ug/m3 from York Analytical Laboratories Inc.

Best Regards,

Usman Chaudhry| Project Manager

PWGC CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

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TO15 RLs ppb and ug_m3.pdf
108K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Fri, Sep 30, 2022 at 2:35 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

Can you request the data validator to provide a DUSR so we can see an example of their work. It doesn't have to be for any specific project.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Thursday, September 29, 2022 10:17 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

Brian

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Sent: Monday, September 19, 2022 9:36 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
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Please see attached Chemist Resume from EDU. Please let me know if this will be sufficient to complete your review.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

3 attachments

Redacted_NYDUSR_100522.pdf
1374K

Stella_112421.doc
58K

Pei_Geng_113021.doc
101K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Wed, Oct 5, 2022 at 1:26 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

The work plan is acceptable with the subsequent information provided regarding analytical reporting limits by York Analytical Laboratories Inc. and DUSR preparation by Laboratory Data Consultants (LDC) from Carisbad, CA.

Please update the work plan to remove the “draft” watermark. When I receive the updated version I can issue the acceptance letter.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Wednesday, September 28, 2022 9:32 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

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Once you approve the draft, I will send you the final version of the work plan. Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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1374K

Stella_112421.doc
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Pei_Geng_113021.doc
101K

Re: NYSDEC Site No. 152005 - Hazeltine Corporation.eml
2664K

Usman Chaudhry <uchaudhry@pwgrosser.com> Wed, Oct 5, 2022 at 2:06 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
Please see attached work plan, I have removed the draft water mark. Once approve letter is sent we will proceed with installing the monitoring point.

Best Regards,

Usman Chaudhry| Project Manager

PWGC CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

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f. 631.589.8705
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20220928_SSVMClosureWP_Final.pdf
2019K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Wed, Oct 5, 2022 at 4:07 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>

Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

Attached please find a letter regarding the site.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Wednesday, October 5, 2022 2:06 PM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

Please see attached work plan, I have removed the draft water mark. Once approve letter is sent we will proceed with installing the monitoring point.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

On Wed, Oct 5, 2022 at 1:27 PM Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:

> Usman,
>
> The work plan is acceptable with the subsequent information provided regarding analytical reporting limits by York Analytical Laboratories Inc. and DUSR preparation by Laboratory Data Consultants (LDC) from Carisbad, CA.
>
> Please update the work plan to remove the “draft” watermark. When I receive the updated version I can issue the acceptance letter.
>
> Regards,
>
> Brian

letter.hw152009.2022-10-05.SSVM.pdf
159K

Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, Oct 18, 2022 at 11:46 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
I hope you are doing well. I wanted to inform you that we are going to install the new monitoring tomorrow, as proposed in the work plan which will give the monitoring point enough time to cure before sampling in November.

Best Regards,

Usman Chaudhry| Project Manager

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w. 631.589.6353

f. 631.589.8705

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On Wed, Oct 5, 2022 at 4:07 PM Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:

> Usman,
>
> Attached please find a letter regarding the site.
>
> Regards,
>
> Brian
>
> ---
>
> **From:** Usman Chaudhry <uchaudhry@pwgrosser.com>
> **Sent:** Wednesday, October 5, 2022 2:06 PM
> **To:** Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
> **Cc:** krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
> **Subject:** Re: NYSDEC Site No. 152005 - Hazeltine Corporation
>
> *ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.*
>
> Brian,
>
> Please see attached work plan, I have removed the draft water mark. Once approve letter is sent we will proceed with installing the monitoring point.
>
> **Best Regards,**
>
> **Usman Chaudhry|** Project Manager
>
> **w.** 631.589.6353

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Tue, Oct 18, 2022 at 12:05 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

Thank you for the email. Please notify the Department the anticipated date the system will be temporary shutdown and the anticipated date the sampling will occur/system reactivated.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Tuesday, October 18, 2022 11:47 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

I hope you are doing well. I wanted to inform you that we are going to install the new monitoring tomorrow, as proposed in the work plan which will give the monitoring point enough time to cure before sampling in November.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
I will do that once we have the sampling scheduled.

Best Regards,

Usman Chaudhry| Project Manager

PWGC
CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

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> Usman,
>
> Thank you for the email. Please notify the Department the anticipated date the system will be temporary shutdown and the anticipated date the sampling will occur/system reactivated.
>
> Regards,
>
> Brian
>
> ---
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> **To:** Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
> **Cc:** krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
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>
> **Best Regards,**
>
> **Usman Chaudhry|** Project Manager
>
> **w.** 631.589.6353
> **f.** 631.589.8705

Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, Nov 8, 2022 at 9:51 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
The Client wants to perform the sampling on November 11th as they will have less foot traffic that day, they will be shutting off the system today and restarting it once the sampling is conducted. Please let me know if the schedule is acceptable.

Best Regards,

Usman Chaudhry| Project Manager

PWGC
CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

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>
> **Best Regards,**
>
> **Usman Chaudhry|** Project Manager
>
> PWGC
> CLIENT DRIVEN SOLUTIONS
>
> **w.** 631.589.6353
>
> **f.** 631.589.8705
>
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>
> Please consider the environment - think before you print!

On Tue, Oct 18, 2022 at 12:05 PM Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:

> Usman,
>
> Thank you for the email. Please notify the Department the anticipated date the system will be temporary shutdown and the anticipated date the sampling will occur/system reactivated.
>
> Regards,
>
> Brian

May 27, morning or afternoon

May 31, afternoon

June 6, morning or afternoon

June 7, afternoon

June 9, morning

June 10, morning or afternoon

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Thursday, May 5, 2022 9:05 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com
Subject: NYSDEC Site No. 152005 - Hazeltine Corporation

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Brian,

I hope you are doing well. PWGC is representing BAE Systems in regards to the O&M of the active sub-surface vapor mitigation (SSVM) system at the above-referenced site.

PWGC designed and installed the system in 2013, and it has been actively operating since 2013. BAE Systems is looking to evaluate the potential closure/decommissioning of the system. We would like to have a call with NYSDEC and NYDOH to discuss a sampling plan to be implemented to evaluate if the system warrants closure and/or modification from its current operating status.

Please call me to discuss at your convenience.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Tue, Nov 8, 2022 at 10:53 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

As discussed the system needs to be shutdown for the period of time indicated in the plan prior to sampling. This does not meet that requirement. Please let me know when the system is shutdown and when the sampling is scheduled that meets the requirement in the plan.

Regards,

Brian

Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, Nov 8, 2022 at 11:17 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
The system has been shut down today. We are planning to sample on December 9th, which will meet the requirement of 4 weeks listed in the work plan.

Best Regards,

Usman Chaudhry| Project Manager

PWGC
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w. 631.589.6353

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On Tue, Nov 8, 2022 at 10:53 AM Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:

> Usman,
>
> As discussed the system needs to be shutdown for the period of time indicated in the plan prior to sampling. This does not meet that requirement. Please let me know when the system is shutdown and when the sampling is scheduled that meets the requirement in the plan.
>
> Regards,
>
> Brian
>
> ---
>
> **From:** Usman Chaudhry <uchaudhry@pwgrosser.com>
> **Sent:** Tuesday, November 8, 2022 9:52 AM
> **To:** Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
> **Cc:** krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
> **Subject:** Re: NYSDEC Site No. 152005 - Hazeltine Corporation
>
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>
> Brian,
>
> The Client wants to perform the sampling on November 11th as they will have less foot traffic that day, they will be shutting off the system today and restarting it once the sampling is conducted. Please let me know if the schedule is acceptable.
>
> **Best Regards,**
>
> **Usman Chaudhry|** Project Manager
>
> **w.** 631.589.6353

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

Thank you for the information.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Tuesday, November 8, 2022 11:18 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

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Best Regards,

Usman Chaudhry| Project Manager

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Please consider the environment - think before you print!

Usman Chaudhry <uchaudhry@pwgrosser.com> Mon, Dec 5, 2022 at 2:50 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
Just wanted to send a reminder that we will be sampling on December 9th.

Best Regards,

Usman Chaudhry| Project Manager

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CLIENT DRIVEN SOLUTIONS

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> **From:** Usman Chaudhry <uchaudhry@pwgrosser.com>
> **Sent:** Tuesday, November 8, 2022 11:18 AM
> **To:** Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
> **Cc:** krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
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> The system has been shut down today. We are planning to sample on December 9th, which will meet the requirement of 4 weeks listed in the work plan.
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>
> **Usman Chaudhry|** Project Manager
>
> **w.** 631.589.6353
> **f.** 631.589.8705

Usman Chaudhry <uchaudhry@pwgrosser.com> Fri, Dec 9, 2022 at 4:45 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
I hope you are doing well. The first round of sampling has been completed at the Hazeltine Corporation site today. After the sampling was completed the SSVM system has been activated again by the BAE systems, as per the work plan.

I will update you once we receive the sampling results from the lab. Please let me know if you have any questions.

Have a great weekend.

Best Regards,

Usman Chaudhry| Project Manager

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> Just wanted to send a reminder that we will be sampling on December 9th.
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> **Best Regards,**
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On Tue, Nov 8, 2022 at 11:48 AM Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:

> Usman,
>
> Thank you for the information.

May 27, morning or afternoon

May 31, afternoon

June 6, morning or afternoon

June 7, afternoon

June 9, morning

June 10, morning or afternoon

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Thursday, May 5, 2022 9:05 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com
Subject: NYSDEC Site No. 152005 - Hazeltine Corporation

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PWGC designed and installed the system in 2013, and it has been actively operating since 2013. BAE Systems is looking to evaluate the potential closure/decommissioning of the system. We would like to have a call with NYSDEC and NYDOH to discuss a sampling plan to be implemented to evaluate if the system warrants closure and/or modification from its current operating status.

Please call me to discuss at your convenience.

Best Regards,

Usman Chaudhry| Project Manager

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Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Wed, Feb 1, 2023 at 11:09 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

Please provide an update regarding the sampling performed and what the next step will be.

Regards,

Brian

Usman Chaudhry <uchaudhry@pwgrosser.com> Wed, Feb 1, 2023 at 11:48 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Brian,
Attached are the analytical results for the first round of sampling in December, the soil vapor matrices for the analytical results, and the figure with the comparison of the analytical results between the sampling event in 2011 and 2022. The analytical results show a significant decrease in the level of contaminants.

The SSVM system continues to run and is shown to be very effective in reducing the level of contaminants. We will send an update before the next round of sampling is scheduled. In the meanwhile we are exploring options to increase the efficiency of the system at MP-6, MP-9 and MP-11, so we can be ready fro the next round of sampling by end of the heating season.

Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Project Manager

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>
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>
> Brian
>
> ---
>
> **From:** Usman Chaudhry <uchaudhry@pwgrosser.com>
> **Sent:** Friday, December 9, 2022 4:45 PM
> **To:** Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
> **Cc:** krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
> **Subject:** Re: NYSDEC Site No. 152005 - Hazeltine Corporation
>
> *ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.*
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> I hope you are doing well. The first round of sampling has been completed at the Hazeltine Corporation site today. After the sampling was completed the SSVM system has been activated again by the BAE systems, as per the work plan.
>
> I will update you once we receive the sampling results from the lab. Please let me know if you have any questions.
>
> Have a great weekend.
>
> **Best Regards,**

Figure2 - Sub Slab Vapor Exceedances (1).pdf
1116K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Thu, Feb 2, 2023 at 4:26 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

The Department reviewed the results provided. A second round of sampling can be performed as indicated in the workplan, but the system must be restarted immediately after collecting the samples as indicated in the workplan. Please indicate the date that the system will be temporarily shutdown for four weeks prior to the end of the heating season on March 31.

Comments on the files provided are provided below.

- Data should only be presented to the third decimal point for concentrations that are very low, e.g., <1 microgram per cubic meter. Larger values in the table that present results to the third decimal point can be deceiving and misinterpreted. Suggest revising select results to simplify the presentation of the data, e.g., 111-TCA results for MP-6 is presented as 39.900, but could be presented as 39.9. This should be considered as a quick review of 39.900 looks similar to 39,900.
- Indicate if a duplicate was taken as per the approved workplan, include in the appropriate tables.
- Include the building inventory and chem inventory, discuss any findings that would result in potential interference or sub slab air entering the space (e.g., cracks, voids, open sumps, etc.) and help to interpret the results (e.g., isopropanol).
- Include IA concentrations on the appropriate figures, highlight concentrations in figures with mitigate/monitor/identify sources as appropriate for reference.
- Ensure figures read sample locations (not proposed locations).
- Verify the Outdoor Air / Ambient is not proximate to any SSDS or other discharge piping etc.

Any questions please let me know.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Wednesday, February 1, 2023 11:48 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Project Manager

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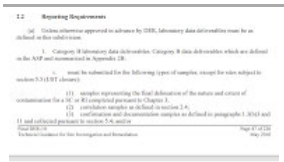

image002.png
136K

Usman Chaudhry <uchaudhry@pwgrosser.com> Mon, Feb 6, 2023 at 1:11 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>

Brian,
Thanks for your review, will update the tables and figures as per your comments. I will keep you posted on the progress and on the schedule for the 2nd round of sampling prior to the end of the heating season.

Best Regards,

Usman Chaudhry| Project Manager

PWGC
CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

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Please consider the environment - think before you print!

On Thu, Feb 2, 2023 at 4:27 PM Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:

> Usman,
>
> The Department reviewed the results provided. A second round of sampling can be performed as indicated in the workplan, but the system must be restarted immediately after collecting the samples as indicated in the workplan. Please indicate the date that the system will be temporarily shutdown for four weeks prior to the end of the heating season on March 31.
>
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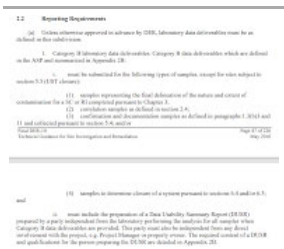

image002.png
136K

Usman Chaudhry <uchaudhry@pwgrosser.com> Thu, Feb 23, 2023 at 8:41 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Good Morning Brian,
We are planning to shut down the system on Monday, February 27th, and are planning to collect the 2nd round of sampling on March 31st completing the 4 weeks system closure requirement.

Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Project Manager

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> Regards,
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> Brian

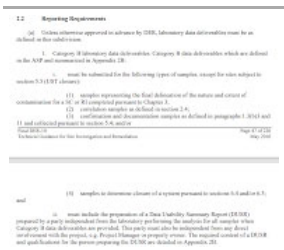

image002.png
136K

Usman Chaudhry <uchaudhry@pwgrosser.com> Mon, Feb 27, 2023 at 3:22 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Good Afternoon Brian,
The system has been temporarily shut down today to complete the 4 weeks time period of system closure prior to sampling on March 31st. Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Project Manager

PWGC CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

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Please consider the environment - think before you print!

On Thu, Feb 23, 2023 at 8:41 AM Usman Chaudhry <uchaudhry@pwgrosser.com> wrote:

> Good Morning Brian,
> We are planning to shut down the system on Monday, February 27th, and are planning to collect the 2nd round of sampling on March 31st completing the 4 weeks system closure requirement.
>
> Please let me know if you have any questions.
>
> **Best Regards,**
>
> **Usman Chaudhry|** Project Manager
>
> PWGC CLIENT DRIVEN SOLUTIONS
>
> **w.** 631.589.6353
>
> **f.** 631.589.8705
>
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2 attachments

image001.png
142K

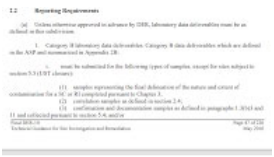

image002.png
136K

Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, Mar 14, 2023 at 1:02 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Good Afternoon Brian,
Just wanted to touch base on this, we are all set to sample on March 31st.

Best Regards,

Usman Chaudhry| Project Manager

PWGC
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w. 631.589.6353

f. 631.589.8705

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Please consider the environment - think before you print!

On Mon, Feb 27, 2023 at 3:22 PM Usman Chaudhry <uchaudhry@pwgrosser.com> wrote:

> Good Afternoon Brian,
> The system has been temporarily shut down today to complete the 4 weeks time period of system closure prior to sampling on March 31st. Please let me know if you have any questions.
>
> **Best Regards,**
>
> **Usman Chaudhry|** Project Manager
>
> PWGC
> CLIENT DRIVEN SOLUTIONS
>
> **w.** 631.589.6353
>
> **f.** 631.589.8705

2 attachments

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142K

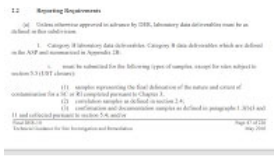

image002.png
136K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Tue, Mar 21, 2023 at 7:51 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>

Usman,

Thank you for the update.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Tuesday, March 14, 2023 1:03 PM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Good Afternoon Brian,

Just wanted to touch base on this, we are all set to sample on March 31st.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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2 attachments

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142K

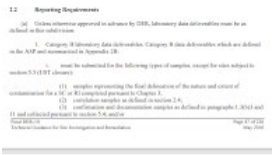

image002.png
136K

Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, Mar 21, 2023 at 7:53 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "krisa@pwgrosser.com" <krisa@pwgrosser.com>

Brian,
Thank you very much.
[Quoted text hidden]
--
Best Regards,

Usman Chaudhry| Project Manager

PWGC
CLIENT DRIVEN SOLUTIONS

w. 631.589.6353

f. 631.589.8705

[Quoted text hidden]

Usman Chaudhry <uchaudhry@pwgrosser.com> Mon, Apr 3, 2023 at 11:25 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "krisa@pwgrosser.com" <krisa@pwgrosser.com>

Brian,
The 2nd round of sampling was completed on March 31st as planned, the system has been switched back on after the sampling was completed. I will keep you posted on the sampling results.
[Quoted text hidden]
[Quoted text hidden]

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Mon, Apr 3, 2023 at 1:35 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>

Cc: "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "krisa@pwgrosser.com" <krisa@pwgrosser.com>

Usman,

Thank you for the update.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Monday, April 3, 2023 11:26 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; krisa@pwgrosser.com
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

The 2nd round of sampling was completed on March 31st as planned, the system has been switched back on after the sampling was completed. I will keep you posted on the sampling results.

Best Regards,

Usman Chaudhry| Project Manager

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[Quoted text hidden]

> [Quoted text hidden]
> [Quoted text hidden]
>
> [Quoted text hidden]

Usman Chaudhry <uchaudhry@pwgrosser.com> Wed, May 3, 2023 at 9:22 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "krisa@pwgrosser.com" <krisa@pwgrosser.com>

Brian,
Please see the attached tables and the figures for your review including the 2nd round of sampling performed on March 31st, 2023. Based on the results of the two rounds of sampling, we would like to discuss the potential temporary closure of three out of the four blowers, before we collect the third round of sampling in the heating season. Please let us know your availability for a meeting to discuss this in detail.

Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Project Manager

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w. 631.589.6353

f. 631.589.8705

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[Quoted text hidden]

3 attachments

5.3.23-AnalyticalData_Dec22-Mar23.pdf
280K

Figure 4 - SSVM&AIR_Exceedances.pdf
1120K

Inventory_22-23.pdf
142K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Mon, May 15, 2023 at 8:06 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Kenney, Julia M (HEALTH)" <julia.kenney@health.ny.gov>

Usman,

The New York State Department of Environmental Conservation and Department of Health would like to discuss the results and operation of the blowers. Please let me know if you are available on May 24 between 11 and 12, May 31 between 1 and 4 or June 22 between 1 and 4 to discuss.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Wednesday, May 3, 2023 9:23 AMPlea
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; krisa@pwgrosser.com
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

Please see the attached tables and the figures for your review including the 2nd round of sampling performed on March 31st, 2023. Based on the results of the two rounds of sampling, we would like to discuss the potential temporary closure of three out of the four blowers, before we collect the third round of sampling in the heating season. Please let us know your availability for a meeting to discuss this in detail.

Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Project Manager

[Quoted text hidden]

[Quoted text hidden]

Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, May 16, 2023 at 1:31 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Kenney, Julia M (HEALTH)" <julia.kenney@health.ny.gov>

Brian,
Sorry for the delay, I was making sure everyone related to the project will be available. May 24 between 11 and 12 AM works for all of us, do you want us to send an invite or would you be sending an invite.

Best Regards,

Usman Chaudhry| Project Manager

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w. 631.589.6353

f. 631.589.8705

[Quoted text hidden]

[Quoted text hidden]

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Tue, May 16, 2023 at 4:07 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Kenney, Julia M (HEALTH)" <julia.kenney@health.ny.gov>

Usman,

You should receive a Webex invite for May 24 at 11 a.m.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Tuesday, May 16, 2023 1:31 PM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; krisa@pwgrosser.com; Kenney, Julia M (HEALTH) <julia.kenney@health.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

Sorry for the delay, I was making sure everyone related to the project will be available. May 24 between 11 and 12 AM works for all of us, do you want us to send an invite or would you be sending an invite.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
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Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, May 16, 2023 at 4:14 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>, "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "krisa@pwgrosser.com" <krisa@pwgrosser.com>, "Kenney, Julia M (HEALTH)" <julia.kenney@health.ny.gov>

Brian,
Received, Thankyou. Can you please add the following representatives from BAE Systems.

Daniel.deluca@baesystems.com

Robert.bendy@baesystems.com

John.lefebvre@baesystems.com

Steven.hannwacker@baesystems.com

Raymond.mertz@baesystems.com

Best Regards,

Usman Chaudhry| Project Manager

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w. 631.589.6353

f. 631.589.8705

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Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Tue, May 16, 2023 at 4:40 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>

Usman,

I sent the invite to them so they should receive it. If not let me know.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Tuesday, May 16, 2023 4:15 PM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; krisa@pwgrosser.com; Kenney, Julia M (HEALTH) <julia.kenney@health.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Robert.bendy@baesystems.com

John.lefebvre@baesystems.com

Steven.hannwacker@baesystems.com

Raymond.mertz@baesystems.com

Best Regards,

Usman Chaudhry| Project Manager

Usman Chaudhry| Project Manager

w. 631.589.6353
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Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, May 16, 2023 at 4:52 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>

Thank you very much. I will let you know.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353

f. 631.589.8705

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On Tue, May 16, 2023 at 4:40 PM Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:

> Usman,
>
> I sent the invite to them so they should receive it. If not let me know.
>
> Regards,
>
> Brian
>
> ---
>
> **From:** Usman Chaudhry <uchaudhry@pwgrosser.com>
> **Sent:** Tuesday, May 16, 2023 4:15 PM
> **To:** Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
> **Cc:** Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; krisa@pwgrosser.com; Kenney, Julia M (HEALTH) <julia.kenney@health.ny.gov>
> **Subject:** Re: NYSDEC Site No. 152005 - Hazeltine Corporation
>
> *ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.*

Brian,

The Client wants to perform the sampling on November 11th as they will have less foot traffic that day, they will be shutting off the system today and restarting it once the sampling is conducted. Please let me know if the schedule is acceptable.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

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f. 631.589.8705

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Please consider the environment - think before you print!

Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, Jun 6, 2023 at 9:44 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>

Good Morning Brian,
As discussed in the meeting we are planning to temporarily shut down the blower or Pit 1, 2 and 4 on Tuesday, June 13th. As requested by NYSDOH PWGC will perform a pre and post-closure vacuum reading at all the monitoring points and provide the vacuum test results to the NYSDEC and NYSDOH for review.

Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Project Manager

PWGC
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w. 631.589.6353

f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

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f. 631.589.8705

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Please consider the environment - think before you print!

Usman Chaudhry <uchaudhry@pwgrosser.com> Mon, Jun 12, 2023 at 11:48 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>

Brian,
Just following up on this to make sure, NYSDEC and NYSDOH are on board with the temporary closure of the three pits tomorrow.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353

f. 631.589.8705

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Please consider the environment - think before you print!

On Tue, Jun 6, 2023 at 9:44 AM Usman Chaudhry <uchaudhry@pwgrosser.com> wrote:

> Good Morning Brian,
> As discussed in the meeting we are planning to temporarily shut down the blower or Pit 1, 2 and 4 on Tuesday, June 13th. As requested by NYSDOH PWGC will perform a pre and post-closure vacuum reading at all the monitoring points and provide the vacuum test results to the NYSDEC and NYSDOH for review.
>
> Please let me know if you have any questions.
>
> **Best Regards,**
>
> **Usman Chaudhry|** Project Manager

w. 631.589.6353
f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Mon, Jun 12, 2023 at 3:09 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Usman,

The proposed activities were discussed during a conference call so they are acceptable.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Tuesday, June 6, 2023 9:45 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Good Morning Brian,

As discussed in the meeting we are planning to temporarily shut down the blower or Pit 1, 2 and 4 on Tuesday, June 13th. As requested by NYSDOH PWGC will perform a pre and post-closure vacuum reading at all the monitoring points and provide the vacuum test results to the NYSDEC and NYSDOH for review.

Please let me know if you have any questions.

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Brian,

The Client wants to perform the sampling on November 11th as they will have less foot traffic that day, they will be shutting off the system today and restarting it once the sampling is conducted. Please let me know if the schedule is acceptable.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

Usman Chaudhry <uchaudhry@pwgrosser.com> Fri, Jun 16, 2023 at 4:19 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Brian,
The blowers connected to Pit 1, 2 and 4 were temporarily shut down on Tuesday, June 13th. As requested by NYSDOH please see attached chart of Pre and Post closure vacuum readings.

Best Regards,

Usman Chaudhry| Project Manager

--

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

BAE Blower Operation Log.pdf
100K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Tue, Jun 20, 2023 at 11:35 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Usman,

Thank you for the information. Please include this information in a report that summarizes recent activities.

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Friday, June 16, 2023 4:19 PM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Brian,

The blowers connected to Pit 1, 2 and 4 were temporarily shut down on Tuesday, June 13th. As requested by NYSDOH please see attached chart of Pre and Post closure vacuum readings.

Best Regards,

Usman Chaudhry| Project Manager

--

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

Usman Chaudhry <uchaudhry@pwgrosser.com> Tue, Jun 20, 2023 at 11:42 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Brian,
We will add this to the report. Just to clarify do you want us to do one full report after the November 2023 sampling that will include all the activities or do you want us to compile a separate report just to document the temporary shutdown activities.

Best Regards,

Usman Chaudhry| Project Manager

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w. 631.589.6353

f. 631.589.8705

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Please consider the environment - think before you print!

On Tue, Jun 20, 2023 at 11:35 AM Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:

> Usman,
>
> Thank you for the information. Please include this information in a report that summarizes recent activities.
>
> Regards,
>
> Brian

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Brian,

The Client wants to perform the sampling on November 11th as they will have less foot traffic that day, they will be shutting off the system today and restarting it once the sampling is conducted. Please let me know if the schedule is acceptable.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Tue, Jun 20, 2023 at 11:44 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Usman,

One report is acceptable to me that details all of the activities.

Regards,

Brian

w. 631.589.6353
f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

Usman Chaudhry <uchaudhry@pwgrosser.com> Thu, Oct 26, 2023 at 2:33 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Hey Brian,
I hope you doing well. I wanted to inform you that we will be performing the 2nd round of sampling for the heating season on November 9th,2023. The working blower was shut shutoff on October 6th, 2023 to accommodate a minimum period of 4 weeks before sampling as per the work plan.

Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Senior Project Manager

PWGC
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w. 631.589.6353

f. 631.589.8705

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Please consider the environment - think before you print!

On Tue, Jun 20, 2023 at 11:45 AM Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:

> Usman,

Brian,

The Client wants to perform the sampling on November 11th as they will have less foot traffic that day, they will be shutting off the system today and restarting it once the sampling is conducted. Please let me know if the schedule is acceptable.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov> Fri, Oct 27, 2023 at 12:26 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>

Usman,

I appreciate the notification for the 2nd Round of Sampling for the Hazeltine Corporation Site. Would you be able to confirm for me the dates and shutdown periods observed for the prior rounds of sampling? By my recollection samples were collected in Dec 2022 and March 2023 which would make this the third round of sampling?

Thanks!

John Robinson (he/him/his)

Public Health Specialist I - Bureau of Environmental Exposure Investigation

New York State Department of Health

Empire State Plaza – Corning Tower Room #1787, Albany, NY 12237

Desk Phone: 518.402.7881 Fax: 518.402.7859 Email: johnathan.robinson@health.ny.gov

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

Usman Chaudhry <uchaudhry@pwgrosser.com> Mon, Oct 30, 2023 at 10:07 AM
To: "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>

Good Morning John,
You are correct this will be the third round of sampling overall, The first round was completed on December 9, 2022, system was shutdown on November 8, 2022. The first round was completed on March 31, 2023, system was shut down on February 27, 2023.

Best Regards,

Usman Chaudhry| Senior Project Manager

PWGC
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w. 631.589.6353

f. 631.589.8705

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Please consider the environment - think before you print!

On Fri, Oct 27, 2023 at 12:27 PM Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov> wrote:

> Usman,
>
> I appreciate the notification for the 2nd Round of Sampling for the Hazeltine Corporation Site. Would you be able to confirm for me the dates and shutdown periods observed for the prior rounds of sampling? By my recollection samples were collected in Dec 2022 and March 2023 which would make this the third round of sampling?
>
> Thanks!
>
> **John Robinson** (he/him/his)
>
> Public Health Specialist I - Bureau of Environmental Exposure Investigation
>
> **New York State Department of Health**
>
> Empire State Plaza – Corning Tower Room #1787, Albany, NY 12237
>
> Desk Phone: 518.402.7881 Fax: 518.402.7859 Email: johnathan.robinson@health.ny.gov

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Wed, Nov 1, 2023 at 7:48 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Usman,

Thank you for the update. Please document the weather conditions and heating system operations prior to and during the sampling event. Additional information regarding this can be found in the NYSDOH SVI Guidance document (e.g., Sections 2.4.2, 2.7.2, 2.7.3, etc.).

Regards,

Brian

From: Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>
Sent: Monday, October 30, 2023 1:57 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Subject: RE: NYSDEC Site No. 152005 - Hazeltine Corporation

Usman,

Thanks for the correction and additional information. I do not have any additional questions or comments on this sampling event at this time.

Have a great day,

John Robinson (he/him/his)

Public Health Specialist I - Bureau of Environmental Exposure Investigation

New York State Department of Health

Empire State Plaza – Corning Tower Room #1787, Albany, NY 12237

Desk Phone: 518.402.7881 Fax: 518.402.7859 Email: johnathan.robinson@health.ny.gov

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Monday, October 30, 2023 10:08 AM
To: Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>
Cc: Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Good Morning John,

You are correct this will be the third round of sampling overall, The first round was completed on December 9, 2022, system was shutdown on November 8, 2022. The first round was completed on March 31, 2023, system was shut down on February 27, 2023.

Best Regards,

Usman Chaudhry| Senior Project Manager

w. 631.589.6353
f. 631.589.8705

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Tuesday, November 8, 2022 9:52 AM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: krisa@pwgrosser.com; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>; Swartwout, John (DEC) <john.swartwout@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Brian,

The Client wants to perform the sampling on November 11th as they will have less foot traffic that day, they will be shutting off the system today and restarting it once the sampling is conducted. Please let me know if the schedule is acceptable.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

Usman Chaudhry <uchaudhry@pwgrosser.com> Wed, Nov 1, 2023 at 8:34 AM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Good Morning Brian,
We will document the weather and heating conditions.

Best Regards,

Usman Chaudhry| Senior Project Manager

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f. 631.589.8705

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Please consider the environment - think before you print!

On Wed, Nov 1, 2023 at 7:49 AM Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:

> Usman,
>
> Thank you for the update. Please document the weather conditions and heating system operations prior to and during the sampling event. Additional information regarding this can be found in the NYSDOH SVI Guidance document (e.g., Sections 2.4.2, 2.7.2, 2.7.3, etc.).
>
> Regards,
>
> Brian

From: Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>
Sent: Monday, October 30, 2023 1:57 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Subject: RE: NYSDEC Site No. 152005 - Hazeltine Corporation

Usman,

Thanks for the correction and additional information. I do not have any additional questions or comments on this sampling event at this time.

Have a great day,

John Robinson (he/him/his)

Public Health Specialist I - Bureau of Environmental Exposure Investigation

New York State Department of Health

Empire State Plaza – Corning Tower Room #1787, Albany, NY 12237

Desk Phone: 518.402.7881 Fax: 518.402.7859 Email: johnathan.robinson@health.ny.gov

NEW YORK STATE | Department of Health

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Monday, October 30, 2023 10:08 AM
To: Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>
Cc: Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Usman Chaudhry <uchaudhry@pwgrosser.com> Mon, Dec 18, 2023 at 1:58 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Hey Brian,
I hope you are doing well, Please see the attached analytical results and a draft figure for your review from the sampling event performed at the NYSDEC Site No. 152005 - Hazeltine Corporation on November 10th, 2023.

Can we please schedule an online meeting to go over the results from the November sampling and the next steps for the project.

Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Senior Project Manager

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w. 631.589.6353

f. 631.589.8705

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Please consider the environment - think before you print!

On Wed, Nov 1, 2023 at 8:34 AM Usman Chaudhry <uchaudhry@pwgrosser.com> wrote:

Good Morning Brian,
We will document the weather and heating conditions.

Best Regards,

Usman Chaudhry| Senior Project Manager

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Brian,

The Client wants to perform the sampling on November 11th as they will have less foot traffic that day, they will be shutting off the system today and restarting it once the sampling is conducted. Please let me know if the schedule is acceptable.

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

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4 attachments

- **Figure 4 - Proposed Monitoring Point Location_ND_Values.pdf** 628K
- **23K0812 York_QA_Page_Brks FINAL 11 27 2023 1739.pdf** 1095K
- **Data Tables_111023_Sampling_Draft.pdf** 157K
- **23K0812 FINAL Y_PW_GROSSER 27 Nov 23 1742.xls** 527K

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Wed, Dec 20, 2023 at 8:22 AM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Usman,

Thank you for the analytical information.

We are available on the dates indicated below for a meeting. Please let us know if any of these times work for you.

- January 4 from 1 to 2 or 2:30 to 3:30
- January 17 from 1 to 3:30
- January 18 from 10 to 12

Regards,

Brian

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Monday, December 18, 2023 1:59 PM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Can we please schedule an online meeting to go over the results from the November sampling and the next steps for the project.

Please let me know if you have any questions.

Best Regards,

Usman Chaudhry| Senior Project Manager

w. 631.589.6353
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On Wed, Nov 1, 2023 at 8:34 AM Usman Chaudhry <uchaudhry@pwgrosser.com> wrote:

> Good Morning Brian,
>
> We will document the weather and heating conditions.

Usman Chaudhry| Project Manager

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Please consider the environment - think before you print!

Usman Chaudhry <uchaudhry@pwgrosser.com> Thu, Dec 21, 2023 at 1:15 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>
Cc: "Swartwout, John (DEC)" <john.swartwout@dec.ny.gov>, "Robinson, Johnathan M (HEALTH)" <Johnathan.Robinson@health.ny.gov>

Good Afternoon Brian,
Sorry for the delayed reply just wanted to make sure the PWGC and BAE Systems teams will be available. We will be available on January 18th, 10 AM-12 PM. Can you please include the following in the invite to the meeting:

Robert Bendy

Robert.Bendy@baesystems.com

John LeFebvre

john.lefebvre@baesystems.com

Steven Hannwacker

Steven.hannwacker@baesystems.com

Dan DeLuca

Daniel.deluca@baesystems.com

Kris Almskog

krisa@pwgrosser.com

Usman Chaudhry

uchaudhry@pwgrosser.com

Best Regards,

Usman Chaudhry| Senior Project Manager

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Usman Chaudhry| Project Manager

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Please consider the environment - think before you print!

Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> Thu, Dec 21, 2023 at 2:20 PM
To: Usman Chaudhry <uchaudhry@pwgrosser.com>

How long for the meeting (30 or 60 minutes)?

From: Usman Chaudhry <uchaudhry@pwgrosser.com>
Sent: Thursday, December 21, 2023 1:16 PM
To: Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
Cc: Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>
Subject: Re: NYSDEC Site No. 152005 - Hazeltine Corporation

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Good Afternoon Brian,

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Robert Bendy

Robert.Bendy@baesystems.com

John LeFebvre

john.lefebvre@baesystems.com

Steven Hannwacker

Steven.hannwacker@baesystems.com

Dan DeLuca

Daniel.deluca@baesystems.com

Kris Almskog

krisa@pwgrosser.com

Usman Chaudhry

uchaudhry@pwgrosser.com

w. 631.589.6353
f. 631.589.8705

--

Best Regards,

Usman Chaudhry| Project Manager

w. 631.589.6353
f. 631.589.8705

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Please consider the environment - think before you print!

Usman Chaudhry <uchaudhry@pwgrosser.com> Thu, Dec 21, 2023 at 2:22 PM
To: "Jankauskas, Brian F (DEC)" <brian.jankauskas@dec.ny.gov>

Brian,
60 mins would be sufficient.
Sent from my iPhone

> On Dec 21, 2023, at 2:21 PM, Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov> wrote:
>
> How long for the meeting (30 or 60 minutes)?
>
> ---
>
> **From:** Usman Chaudhry <uchaudhry@pwgrosser.com>
> **Sent:** Thursday, December 21, 2023 1:16 PM
> **To:** Jankauskas, Brian F (DEC) <brian.jankauskas@dec.ny.gov>
> **Cc:** Swartwout, John (DEC) <john.swartwout@dec.ny.gov>; Robinson, Johnathan M (HEALTH) <Johnathan.Robinson@health.ny.gov>
> **Subject:** Re: NYSDEC Site No. 152005 - Hazeltine Corporation
>
> *ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.*
>
> Good Afternoon Brian,
>
> Sorry for the delayed reply just wanted to make sure the PWGC and BAE Systems teams will be available. We will be available on January 18th, 10 AM-12 PM. Can you please include the following in the invite to the meeting:
>
> Robert Bendy
>
> Robert.Bendy@baesystems.com