567 Main Street

WESTBURY, NASSAU COUNTY, NEW YORK

Construction Completion Report

(Former Atlas Graphics Site)

NYSDEC Site Number: 130043B

Prepared for:

H.D.P Printing Industries Corporation
2459 Broadmoor Lane
Spring Hill, Florida 34606

Prepared by:

Tyll Engineering and Consulting, PC
169 Commack Road, Suite 173
Commack, New York 11725
(631) 623-5373

FEBRUARY 26, 2026

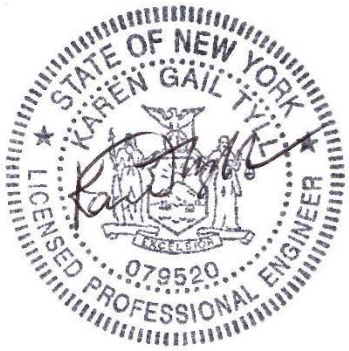
CERTIFICATIONS

I, __Karen Tyll_____, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Design was implemented and that all construction activities were completed in substantial conformance with the Department-approved Sub-Slab Depressurization Work Plan (SSDSWP).

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Karen Tyll, of Tyll Engineering and Consulting, PC am certifying as Owner's Designated Site Representative and I have been authorized and designated by all site owners to sign this certification for the site.



_____ 2/26/26

NYS Professional Engineer # 079520 date

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LIST OF ACRONYMS

Acronym	Definition
bgs	below ground surface
CCR	Construction Completion Report
CVOC	chlorinated volatile organic compounds
EPA	U.S. Environmental Protection Agency
HVAC	Heating, Ventilation and Air Conditioning
IRM	Interim Remedial Measure
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
O, M & M	Operation, Maintenance and Monitoring
PCBs	polychlorinated biphenyls
PCE or PERC	Perchloroethylene
PFAS	per-and polyfluoroalkyl substances
PID	Photoionization Detector
RI	Remedial Investigation
RIWP	Remedial Investigation Work Plan
SMP	Site Management Plan
SSDS	sub-slab depressurization system
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
SVOCs	semi-volatile organic compounds
TAL	target analyte list
TCL	target compound list
TCE	Trichloroethene
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
UUSCOs	Unrestricted Use SCOs
VOC	volatile organic compounds

CONSTRUCTION COMPLETION REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

1.1 PROJECT BACKGROUND

H.D.P. Printing Industries Corp. entered into an Order on Consent with the New York State Department of Environmental Conservation (NYSDEC) in February 2021, to investigate and remediate a 0.21-acre property located in Westbury, Nassau County, New York.

1.2 SITE LOCATION AND DESCRIPTION

The site is located in the County of Nassau, New York and is identified as Section 11, Block 164 and Lot 68 on the Nassau County Tax Map. The site is an approximately 0.2-acre area and is bounded by commercial building and Parking Lots to the north and east, Main Street to the south, and Swalm Street to the west (**Figure 1**). The boundaries of the site are show on the Tax Map on **Figure 2**.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

3.0 INTERIM REMEDIAL MEASURES

The remedy for this site was performed as a single project, and no interim remedial measures, operable units or separate construction contracts were performed.

The installation of a SSDS facilitated the engineering control measure necessary for the documented CVOC SVI risk, as well as a means to reduce the exposure risk posed by residual CVOCs.

The SSDS system consists of an interior SSDS installed within trenches under the concrete slab (**Figure 3**). Negative pressure gradients created by the SSDS fan have been accomplished within the trench system. The SSDS has be monitored on an annual basis and adjusted to confirm that there is a negative pressure gradient below the building slab and in the subsurface soils.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Sub-Slab Depressurization System Work Plan (SSDSWP) for the 567 Main Street site approved February 3, 2023. The primary objective of the SSDSWP was to mitigate chlorinated VOC vapor impacts identified in subsurface at the Site. This objective was accomplished via the installation of a SSDS within the Site building. The overall objective for the Site is its continued use for commercial/light industrial purposes. This IRM completed at the Site was conducted in accordance with the NYSDEC-approved SSDSWP submitted in January 2023 (approved by NYSDEC February 2023). Deviations from the SSDSWP, if any, are noted in **Section 4.7**.

The Remedial Goals in the SSDSWP were as follows:

- Install a SSDS to create negative sub-slab pressure beneath the site building, thus mitigating potential soil vapor intrusion issues within the site building.
- Install gauges associated with the SSDS as well as pressure monitoring points to confirm the influence, confirm, and monitor the operation of the system.
- Take an inventory of the chemicals stored and used at the facility (**Appendix G**)

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health & Safety Plan (HASP)

The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site. The HASP can be found in Appendix D of the SSDSWP.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP is included as **Appendix A** of this document. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

4.1.3 Soil/Materials Management Plan (S/MMP)

The S/MMP was included in Section 4.0 of the SSDSWP

4.1.4 Community Air Monitoring Plan (CAMP)

A Community Air Monitoring Plan (CAMP) was completed during the SSDS Installation project. A Dusttrak Model 8520 meter was used to measure and record the amount of dust in the air and a portable photoionization detector (PID) was used to detect organic vapors. The equipment was installed and continuously used within the interior work area when intrusive activities were in progress at the Site. Data generated from CAMP at the facility during construction can be found

within the Daily Reports in **Appendix B**.

4.2 INTERIM REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

- Tyll Engineering and Consulting, PC (Karen Tyll, PE) completed the SSDS design and oversaw the Installation; and
- PG Environmental was the contractor that completed the SSDS Installation.

4.2.2 Installation of the Sub-Slab Depressurization System (SSDS)

The SSDS trenches including piping, gravel backfill, and re-concreting were completed in February and March 2023. The SSDS followed the design presented in the SSDS Work Plan approved by NYSDEC and NYSDOH. The SSDS consists of two intersecting trenches leading to one SSDS fan installed upon the rear of the building. Photographs are provided in **Appendix C.**

The trenches were cut into the concrete basement slab using an electric powered saw and jackhammer and was approximately 12-inches wide and was excavated to 1 feet deep below the slab. Each trench has a 4-inch diameter, fabric wrapped perforated pipe running through it surrounded by gravel. The piping was connected to a vertical riser which extends up through the building wall to the roof.

The trenches were topped off with gravel and the tenant had their concrete contractor close the tops of the trench with concrete to match the existing floor slab.

4.2.3 Nuisance Controls

The SSDS installation was completed indoors and the occurrences of nuisances were not observed.

4.2.4 CAMP Results

No exceedances of CAMP guidelines were observed during the SSDS Installation.

Copies of all field data sheets relating to the CAMP are provided in electronic format within the Daily Reports in **Appendix B**.

4.2.5 Daily Reports

Tyll Engineering submitted daily reports during the SSDS Installation Project between February 27 and March 6, 2023. The Daily Reports can be found in **Appendix B.**

4.2.6 SSDS Startup and Testing

After the initiation of the active SSDS, a start-up test was performed by TEC to determine sub-slab pressure readings under operational conditions and to establish the efficacy of the SSDS.

On March 22, 2023, TEC went to the Site and determined that the SSDS was in operation. Pressure readings were collected from the 4 sub-slab soil vapor monitoring points using a digital manometer to determine the pressure differentials beneath the building slab. The results were all above the required pressure readings of -0.004 inches of water. Chart below shows the results:

Point	Pressure (in H_20) March 22, 2023
VP-1	-0.94
VP-2	-0.32
VP-3	-0.04
VP-4	-0.07

As per the SSDS Performance Assessment Workplan approved by the NYSDEC on February 5, 2024, TEC performed Monitoring on February 27, 2024 which consisted of the collection of two indoor air samples and one outdoor ambient air sample while the SSDS was in operation.

There were detections of many analytes (not from the NYSDOH Decision Matrices) observed in both indoor and outdoor air samples. Of the eight analytes that are featured on the NYSDOH Decision Matrices A, B, and C, there were only minor detections of Carbon tetrachloride and PCE in the outdoor and indoor air samples. The results report submitted to the NYSDEC can be found in **Appendix H**.

In addition, pressure readings were collected from 3 of the 4 sub-slab soil vapor monitoring points using a digital manometer to determine the pressure beneath the building slab. The results were all above the required pressure readings of -0.004 inches of water. Chart below shows the results:

Point	Pressure (in H_20) February 27, 2024
VP-1	-0.67
VP-2	Not accessible
VP-3	-0.04
VP-4	-0.17

The SSDS remains in operation and will not be shut down unless the NYSDEC approves it.

4.3 IMPORTED BACKFILL

No Backfill was imported during this SSDS Installation. Only ¾" gravel was imported for the SSDS trenches. See **Appendix E** for the gravel delivery ticket.

4.4 CONTAMINATION REMAINING AT THE SITE

As presented in **Section 3.1**, the objective of the SSDS building EC is to reduce the potential SVI risk posed by CVOC impacted soil vapor from areas below the Structure. Contaminated media remaining at the site includes CVOC impacted soil vapor as summarized below

- In 2010, a NYSDEC Contractor collected three samples, 2 from within the building and 1 from outside the building. Tetrachloroethylene (PCE) was detected in indoor air within the Site building at concentrations of 27 and 28 micrograms per cubic meter (ug/m3). At the time, these concentrations were below the NYSDOH indoor air guideline of 100 ug/m3 but were near the current NYSDOH indoor air guideline of 30 ug/m3. Trichloroethylene (TCE) was detected in the indoor air at concentrations of 1.9 and 1.6 ug/m3. The current NYSDOH indoor air guideline for TCE is 2 ug/m3. In addition, PCE and TCE were detected at (maximum of 4,200 ug/m3 and 31 ,000 ug/m3 respectively) in soil vapor beneath the building.
- On March 11, 2021, an additional sampling event was completed that included the collection of sub-slab, indoor air and outdoor ambient air. PCE was detected in indoor air within the building at concentrations of 1.7 at VP-1 and 1.5 ug/m3 at VP-2. These concentrations were below the NYSDOH indoor air guideline of 30 ug/m3. TCE was detected in the indoor air at concentrations of 2.0 at VP-1 and 1.4 ug/m3 at VP-2. The current NYSDOH indoor air guideline for TCE is 2 ug/m3. PCE and TCE were detected at maximum concentrations of 360 ug/m3 and 1800 ug/m3 in soil vapor beneath the building slab. TCE was not detected in the outside (ambient) air sample but PCE was detected at 2.7 ug/m3 (higher concentration than the two indoor air samples).

Since contaminated soil vapor remains beneath the site after completion of the Remedial Investigation, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

4.5 COVER SYSTEM

Exposure to remaining contamination in soil/fill at the site is prevented by a concrete and asphalt cover system placed over the site. This cover system is comprised of a minimum of 4" of asphalt pavement around exterior of the building and an approximate 4" concrete building slab.

4.6 INSTITUTIONAL CONTROLS

The site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the site to commercial/light industrial uses only.

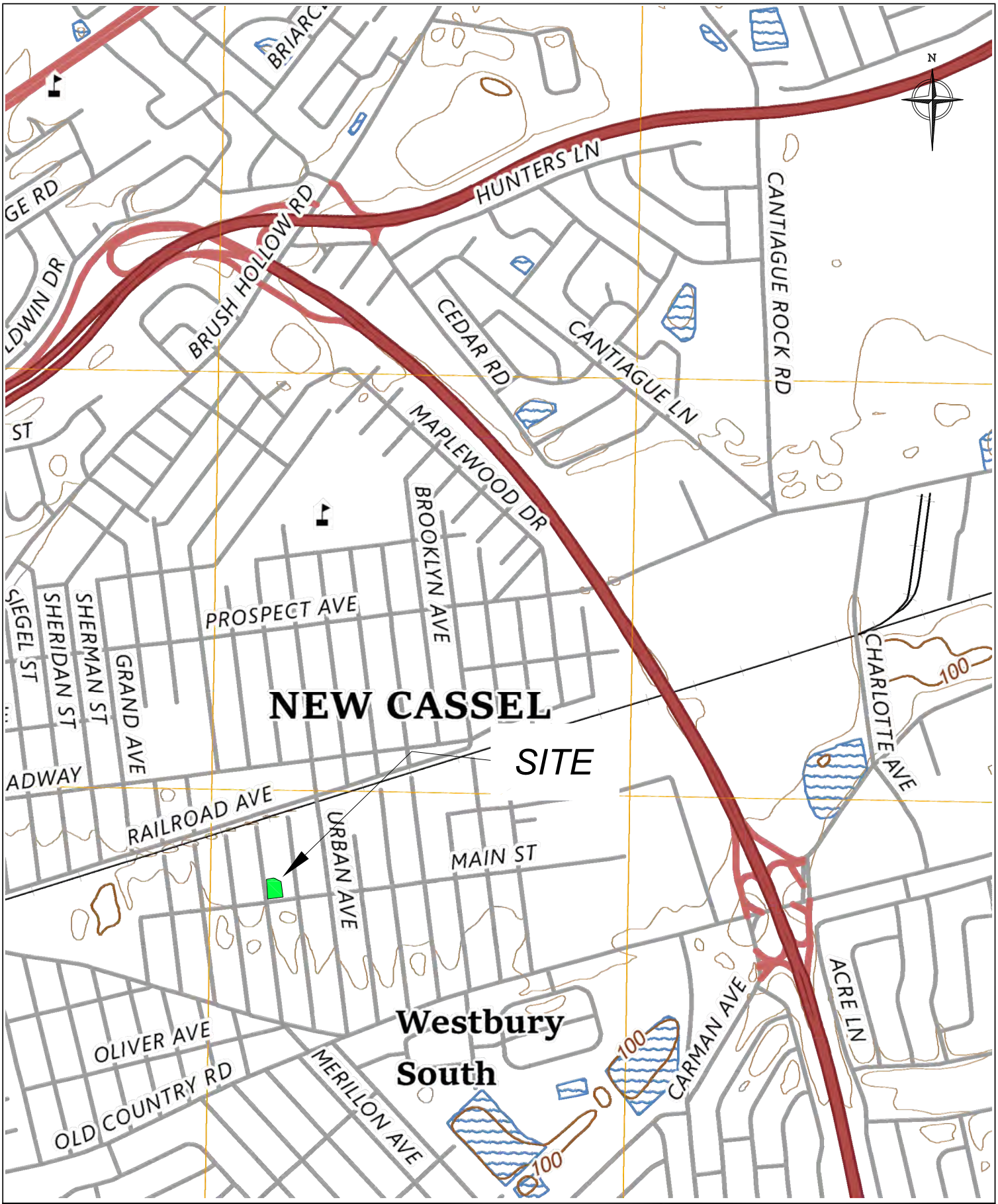
The environmental easement is currently being completed and will be provided in **Appendix D** once available.

4.7 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

Changes to the alignment occurred once the system was laid out on the first day of construction due to site conditions. Those changes were relayed to the NYSDEC within the daily report from February 27, 2023

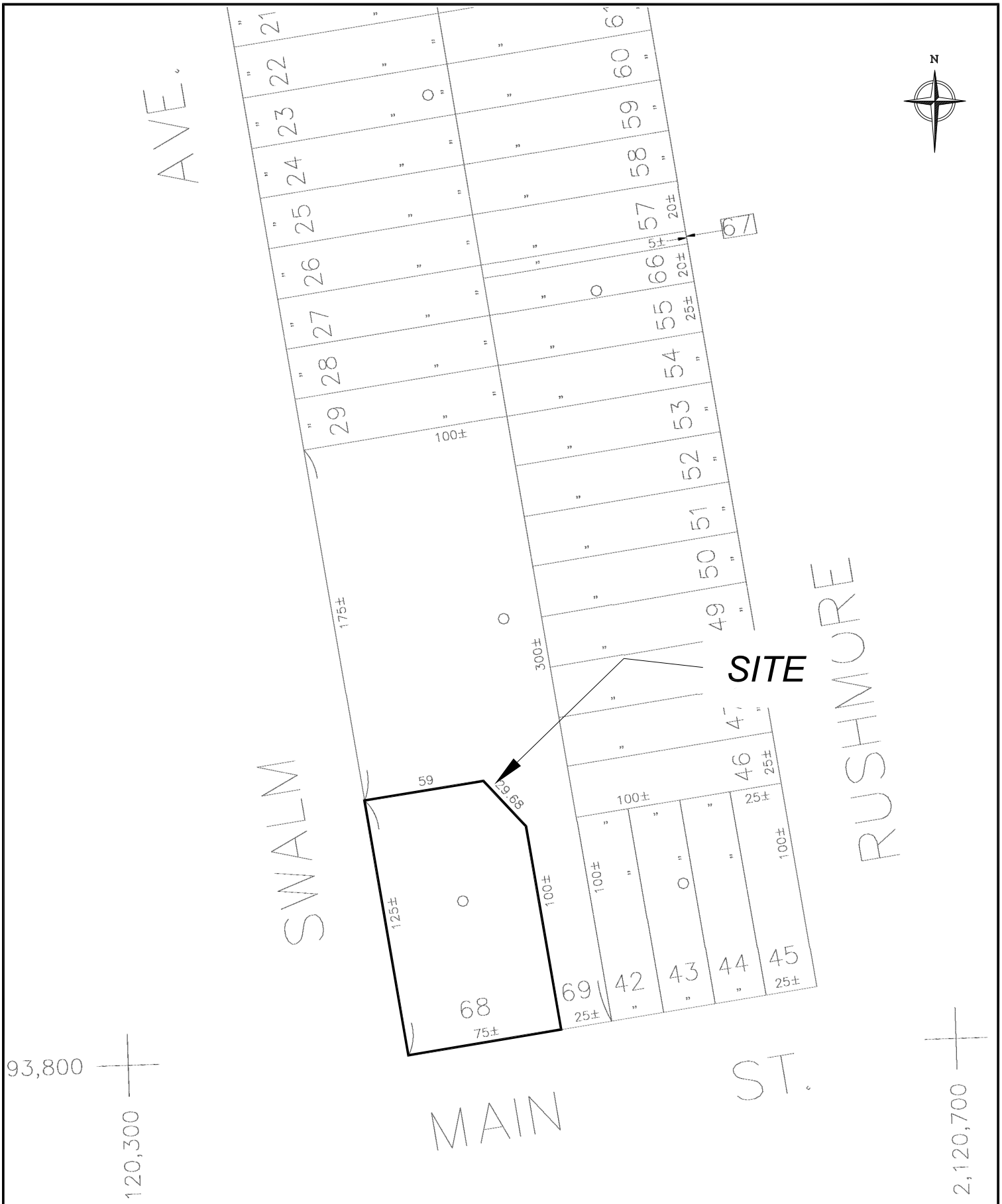
No other deviations from the SSDS workplan occurred.

FIGURES

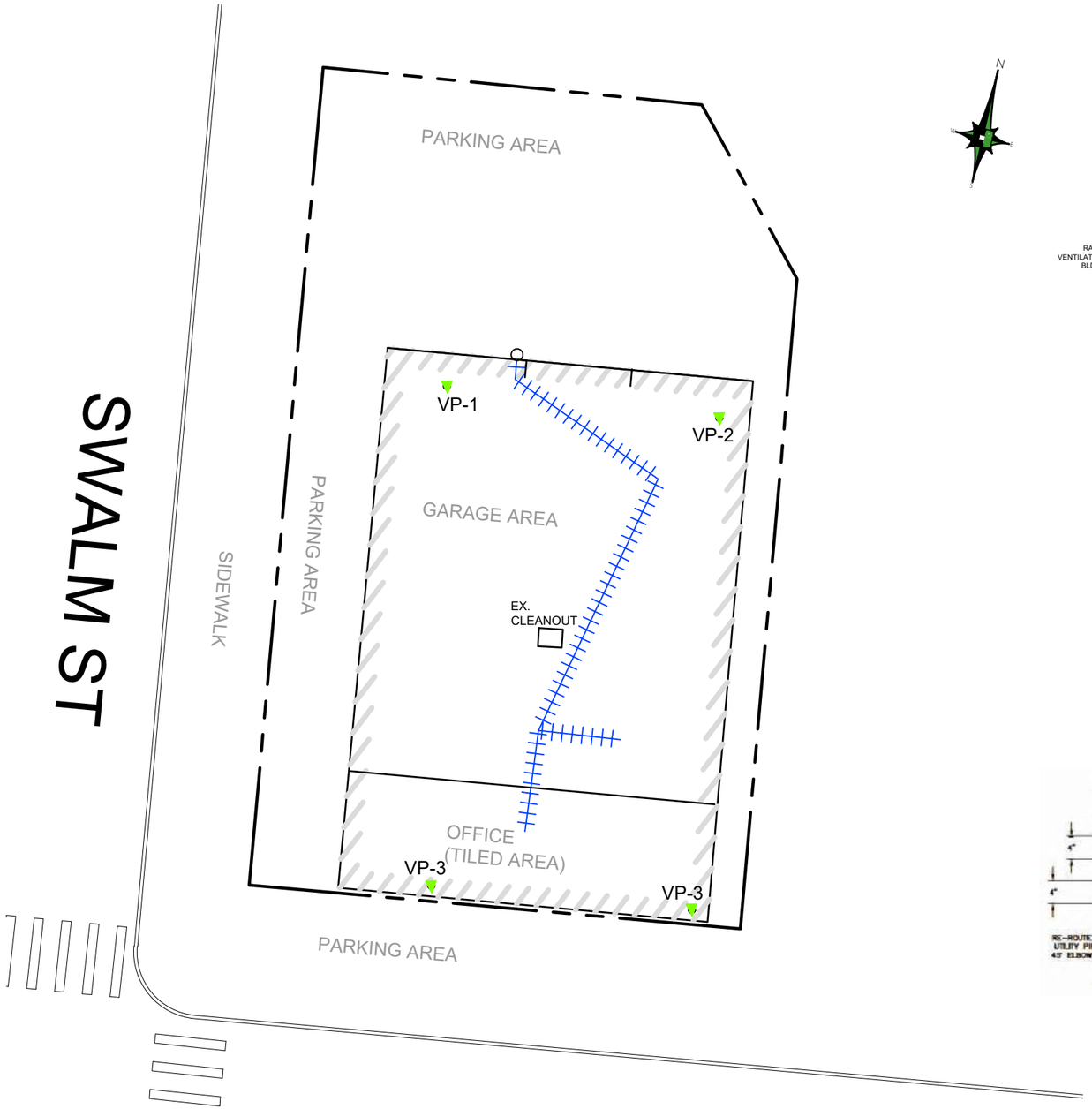


PREPARED BY:	**TITLE:**		
TYLL ENGINEERING & CONSULTING PC 169 Commack Road, Suite H173, Commack, NY 11725 PHONE: (631) 629-5373 Info@tyllengineering.com	**SITE LOCATION MAP** 567 MAIN STREET WESTBURY, NEW YORK		

DRAWN:	SCALE:	DATE:	PROJECT NO.:
-	NTS	09-8-2023	HDP2201
CHECKED:	**APPROVED:**	**REVISION:**	**NOTES:**
KT	KT	-	-
FIGURE NO.:	1		

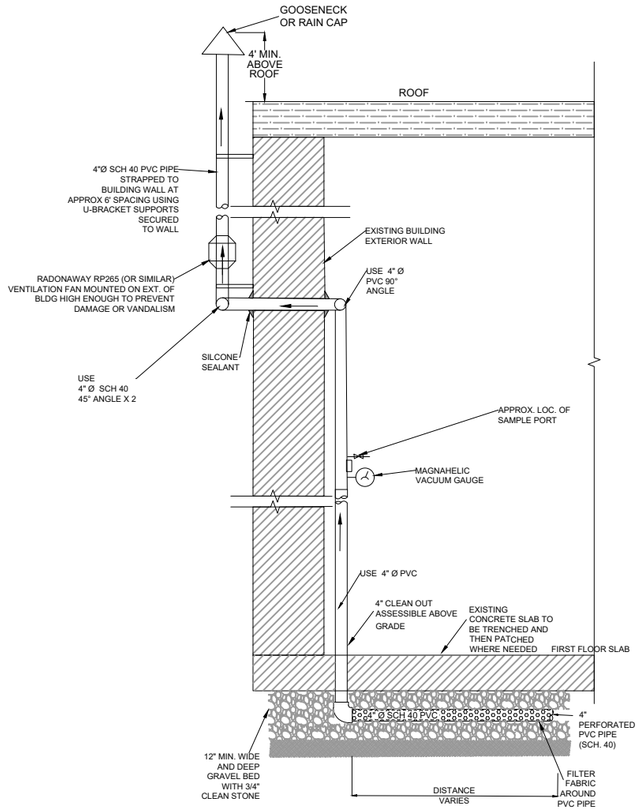


PREPARED BY:	TITLE:	DRAWN:	SCALE:	DATE:	PROJECT NO.:
TYLL ENGINEERING & CONSULTING PC 169 Commack Road, Suite H173, Commack, NY 11725 PHONE: (631) 629-5373 Info@tyllengineering.com	**NASSAU COUNTY TAX MAP** 567 MAIN STREET WESTBURY, NEW YORK	-	NTS	09-8-2023	HDP2201
		CHECKED: KT	APPROVED: KT	REVISION: -	NOTES: -
		FIGURE NO.: 2			



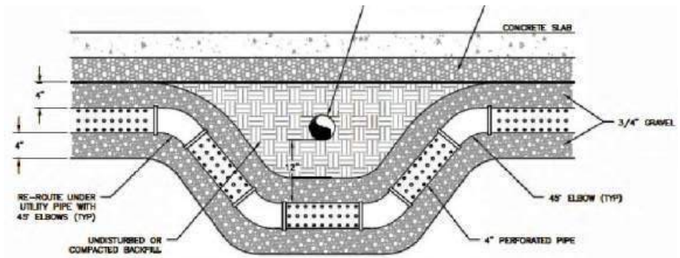
LEGEND

- 4" PERFORATED PVC SSDS HORIZONTAL PIPING
- VACUUM MONITORING POINT
- 4" Ø SCH 40 PVC SSDS RISER PIPE ON EXTERIOR OF BUILDING



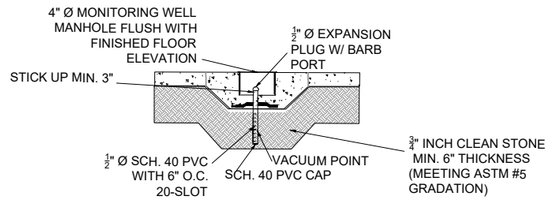
TYPICAL SSDS PROFILE AND SUCTION PIT DETAIL

SCALE: NTS



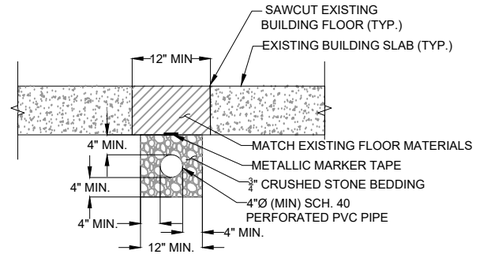
TYPICAL SSDS AND PIPE CROSSING DETAIL

SCALE: NTS



TYPICAL VACUUM MONITORING POINT

SCALE: NTS



TYPICAL PIPE TRENCH DETAIL

SCALE: NTS

NOTES

1. DEPICTED LOCATIONS OF VACUUM MONITORING POINTS ARE APPROXIMATE AND SHOULD BE COORDINATED WITH OWNER, ARCHITECT, AND TYLL ENGINEERING.
2. ALL PENETRATIONS THROUGH THE SLAB) SHALL BE SEALED USING A SILICONE BASED WATERPROOF SEALANT OR EQUIVALENT.
3. SUCTION LATERALS OF THE SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) SHOULD BE PITCHED AWAY FROM EXTRACTION POINTS TO PREVENT POOLING OF CONDENSATE IN THE BOTTOM OF VERTICAL RISERS, TO THE EXTENT PRACTICAL
4. PROVIDE ELECTRICAL/CONTROL CONDUIT TO SSDS FANS. COORDINATE WITH ELECTRICIAN.
5. ELECTRICAL REQUIREMENTS INCLUDE A 110 VOLT POWER OUTLET, FOR EACH SSDS FAN.
6. THE BLOWER DISCHARGES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM HVAC AIR INLJETS, AND PROPERTY LINE.
7. THE SSDS FANS SHALL BE A RADONAWAY MODEL RP145 OR APPROVED EQUAL.
8. THE RADONAWAY CHECKPOINT IIa ALARM SIGNAL SHALL BE AUDIBLE.
9. PROVIDE ALL NECESSARY PIPE SUPPORTS FOR RISER PIPES FROM THE BASEMENT TO THE EXHAUST POINT ON THE ROOF.

AS-BUILT

SSDS PLAN

FORMER ATLAS GRAPHICS SITE

567 MAIN STREET
WESTBURY, NEW YORK

TEC
TYLL ENGINEERING & CONSULTING PC
169 Commack Road, Suite H173, Commack, NY 11725
PHONE: (631) 629-5373 info@tyllengineering.com

SHEET TITLE:	SSDS LAYOUT PLAN		
DESIGNED BY:	KT	SCALE:	AS SHOWN
REVIEWED BY:	KT	DATE:	rev2 OCTOBER 20, 2023
PLAN SHEET BY:	KT	PROJECT NO:	HDP2201

1

Appendix A

Quality Assurance Project Plan (QAPP)

1.0 QUALITY ASSURANCE PROJECT PLAN (QAPP)

The fundamental QA objective with respect to accuracy, precision, and sensitivity of analysis for laboratory analytical data is to achieve the QC acceptance of the analytical protocol. The accuracy, precision and completeness requirements will be addressed by the laboratory for all data generated.

Collected samples will be appropriately packaged and transported via laboratory dispatched courier to the analytical laboratory.

Laboratory reports will include ASP category B deliverables for use in the preparation of a data usability report (DUSR), if required. The DUSR will be applicable to all samples collected during the RI.

2.0 Subslab Vapor and Indoor /Outdoor Air Samples

Extreme care will be taken during all aspects of sample collection to ensure that sampling error is minimized and high quality data are obtained. The sampling team members will avoid actions (e.g., using permanent marker pens and wearing freshly dry-cleaned clothes or personal fragrances) which can cause sample interference in the field. A tracer gas, helium, will be used in accordance with NYSDOH sampling protocols to serve as a QA/QC device to verify the integrity of the soil vapor probe seals. QA/QC protocols will be followed for sample collection and laboratory analysis, such as use of certified clean sample devices, meeting sample holding times and temperatures, sample accession, and chain of custody.

Samples will be delivered to the analytical laboratory as soon as possible after collection. The laboratory analyzes QC samples with each analytical batch, including a Method Blank (MB), Laboratory Control Sample (LCS), and a Laboratory Control Sample Duplicate (LCSD). Internal standards are added to all calibration standards, samples, and blanks to verify that the analytical system is in control.

3.0 Sample Handling and Decontamination Procedures

Collected samples will be appropriately packaged, placed in coolers and shipped via overnight courier or delivered directly to the analytical laboratory by field personnel. Samples will be containerized in appropriate laboratory provided glassware and shipped in plastic coolers. Samples will be preserved through the use of ice or cold-pak(s) to maintain a temperature of 4^{o}C.

Dedicated disposable sampling materials will be used for soil, groundwater and soil vapor samples (if collected), eliminating the need to prepare field equipment (rinsate) blanks. However, if non- disposable equipment is used, (stainless steel scoop, etc.) field rinsate blanks will be prepared at the rate of one for every eight samples collected. No field filtering will be conducted; any required filtration will be completed by the laboratory.

Decontamination of non-dedicated sampling equipment will consist of the following:

- Gently tap or scrape to remove adhered soil;
- Rinse with tap water;
- Wash with alconox® detergent solution and scrub ;
- Rinse with tap water;
- Rinse with distilled or deionized water.

Prepare field blanks by pouring distilled or deionized water over decontaminated equipment and collecting the water in laboratory provided containers. Trip blanks will accompany samples each time they are transported to the laboratory. Matrix spike and matrix spike duplicates (MS/MSD) will be collected at the rate of one per 20 samples submitted to the laboratory and duplicate samples will be collected at a rate of one per ten samples submitted to the laboratory.

4.0 QA / QC Requirements for Analytical Laboratory

Samples will be analyzed by the NYSDOH ELAP laboratory for one or more of the following parameters: VOCs in air by USEPA Method TO15 (Table 2). If any modifications or additions to the standard procedures are anticipated and if any nonstandard sample preparation or analytical protocol is to be used, the modifications and the nonstandard protocol will be explicitly defined and documented.

Data generated from the laboratory will be used to evaluate contaminants such as chlorinated and other volatile organic compounds (VOCs) in soil vapor. The QA requirements for all subcontracted analytical laboratory work performed on this project are described below. QA elements to be evaluated include accuracy, precision, sensitivity, representativeness, and completeness. The data generated by the analytical laboratory for this project are required to be sensitive enough to achieve required quantification limits as specified in NYSDEC Analytical Services Protocol (NYSDEC ASP, 07/2005) and useful for comparison with clean-up objectives. The analytical results meeting the required quantification limits will provide data sensitive enough to meet the data quality objectives of this remedial program as described in the work plan. Reporting of the data must be clear, concise, and comprehensive. The QC elements that are important to this project are completeness of field data, sample custody, sample holding times, sample preservation, sample storage, instrument calibration and blank contamination.

5.0 Reporting of Results

Draft soil vapor intrusion data, sampling location figures and completed Building Questionnaires and Product Inventories (for each sampled building) will be provided to the NYSDEC and the NYSDOH Project Managers as soon as the draft data is available.

Sample analysis will be provided by a New York State certified environmental laboratory.

Laboratory reports will include ASP category B deliverables for use in the preparation of a data usability summary report (DUSR). All results will be provided in accordance with the NYSDEC electronic data deliverable (EDD) format (EQuIS).

6.0 DUSR

The DUSR provides a thorough evaluation of analytical data without third party data validation. The primary objective of a DUSR is to determine whether or not the data, as presented, meets the
site/project specific criteria for data quality and data use. Verification and/or performance monitoring samples collected under this RIWP will be reviewed and evaluated in accordance with the Guidance for the Development of Data Usability Summary Reports as presented in Appendix 2B of DER-10. The completed DUSR for verification/performance samples collected during implementation of this SVI will be included in the SVI Report prior to its formal approval.

Appendix B

Daily Reports and Camp Information

DAILY STATUS REPORT
Prepared By: Karen Tyll

WEATHER	Snow	**x**	Rain		Overcast	**x**	Partly Cloudy		**Bright Sun**	
TEMP.	< 32		30-50	**x**	**50-70**		70-85		>85	

NYSDEC Site No.:	130043A	**Date:** 02/27/23	
Project Name:	567 Main Street	**Address**	567 Main Street, Westbury, NY

Project Manager: Karen Tyll, Tyll Engineering	**Environmental Contractor:** PG Environmental Services, Inc.

Work Activities Performed:

PG Environmental started to saw cut the concrete slab to install the SSDS

An updated map with revised alignment is included.

Samples Collected: None

Air Monitoring Update:

No odors or visible dust were observed during field activities.

CAMP Data attached.

VOC Action Level Exceedance(s) Above Background (Y/N): No
Particulate Action Level Exceedance(s) Above Background (Y/N): No

Planned Activities for the Next Day/Week:

Continue the saw cutting and trenching below the slab

PHOTOS

CAMP DATA (See Following Pages)

On- Site Dust and Volatile Organic Vapor Monitoring

Project: 567 Main Street, Westbury NY Job No.:

Location: On-site Personnel: Diego Fajardo

Day & Date 02/27/2023 Weather: Cloudy scatter showers

	AM	PM	Sample Interval: 15 minutes
Wind Direction	N/A	N/A	Background Reading (particulates) 0.041 **mg/m³**
Temperature Range:	36°F	44°F	Background Reading (organic vapors) 0.0 **ppm**

Calibration Dates: Particulate Meters: DUST TRAK Photoionization Detector: PID MINI RAE 2000

Action Level/Response: Organic vapors: > 5ppm above background levels/ 15 minute readings

Particulates: 0.100 mg/m^3 above up wind reading/15 minute period

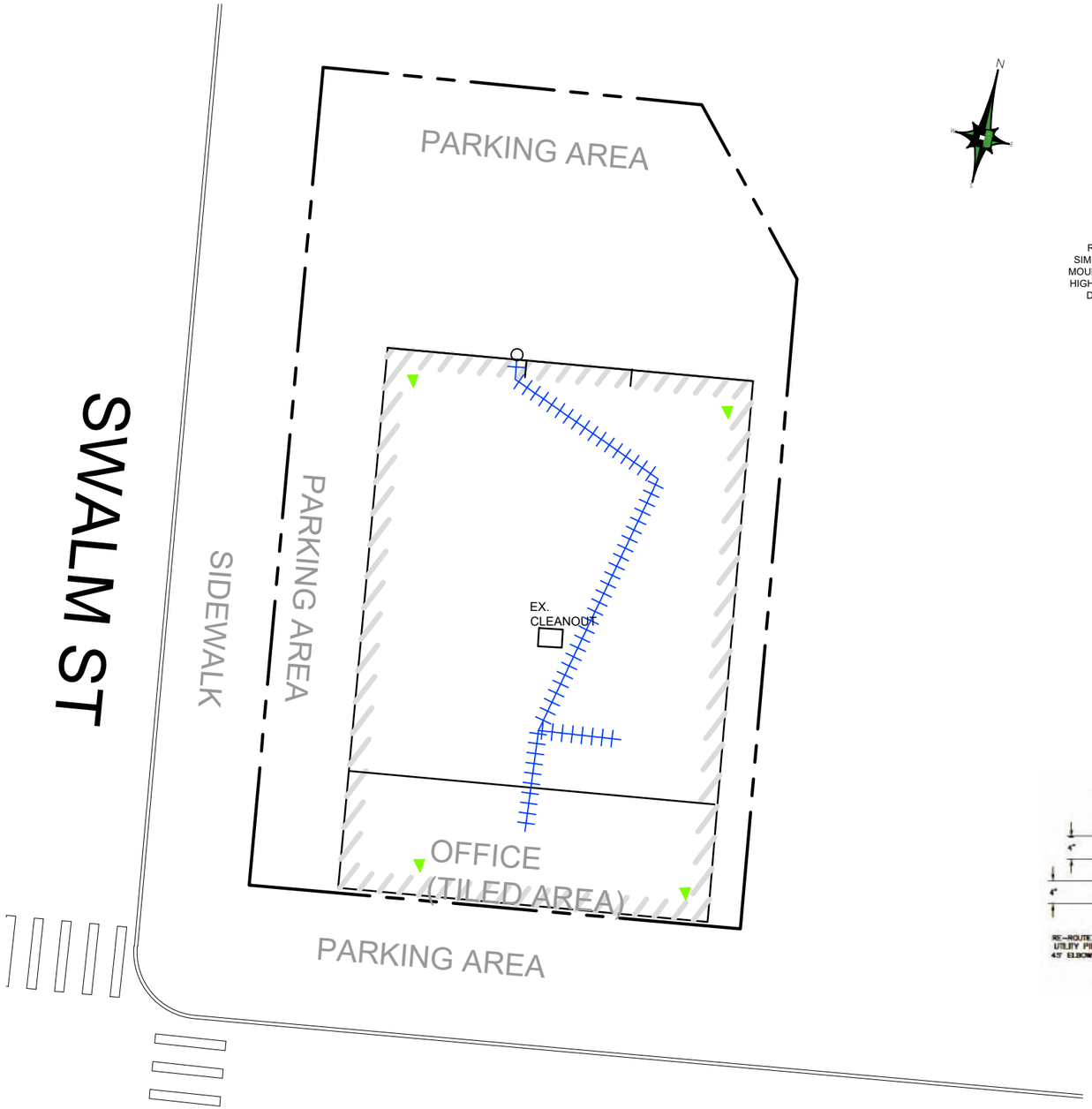
Time	**Particulate levels:**	(mg/m^3)			ORGANIC VAPOR LEVELS (ppm)	NOTES
0800		0.016			0.0	Setting up Station
0815		0.024			0.0	Saw cutting concrete slab
0830		0.029			0.0	SAB
0845		0.036			0.0	SAB
0900		0.041			0.0	SAB
0915		0.045			0.0	SAB
0930		0.053			0.0	SAB
0945		0.058			0.0	SAB
1000		0.064			0.0	SAB
1015		0.073			0.0	SAB
1030		0.068			0.0	SAB
1045		0.063			0.0	SAB
1100		0.056			0.0	SAB
1115		0.047			0.0	SAB
1130		0.043			0.0	SAB
1145		0.039			0.0	SAB
1200		0.035			0.0	Lunch

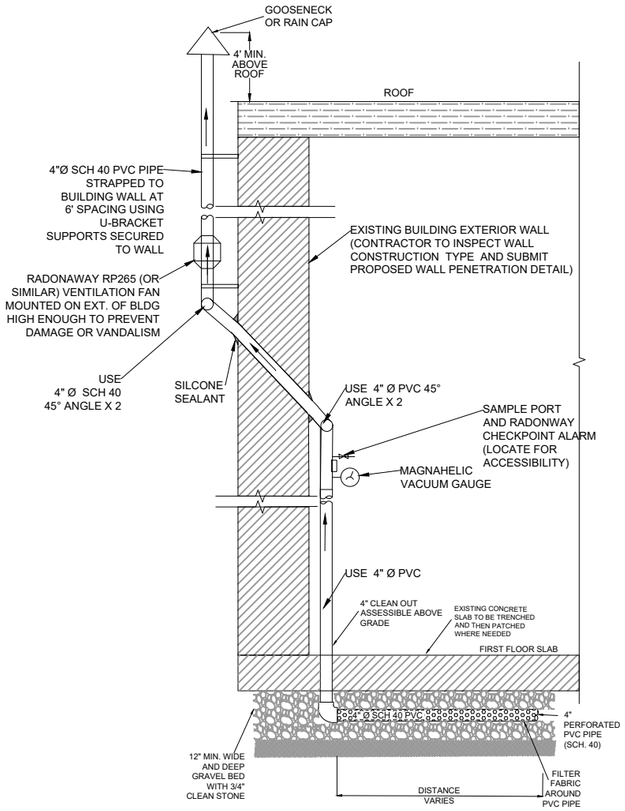
Project: 567 Main Street, Westbury NY Job No.:

Location: Day & Date: 02/27/2023

Time	Particulate levels:				ORGANIC VAPOR LEVELS (PPM)	NOTES
		(mg/m^3)				
1215		0.027			0.0	Lunch
1230		0.019			0.0	Lunch
1245		0.025			0.0	Saw cutting concrete Slab
1300		0.034			0.0	SAB
1315		0.042			0.0	SAB
1330		0.048			0.0	SAB
1345		0.054			0.0	SAB
1400		0.062			0.0	SAB
1415		0.069			0.0	SAB
1430		0.075			0.0	SAB
1445		0.067			0.0	SAB
1500		0.059			0.0	Site inactive / Tech off site
1515						
1530						
1545						
1600						
1615						
1630						
1645						
1700						

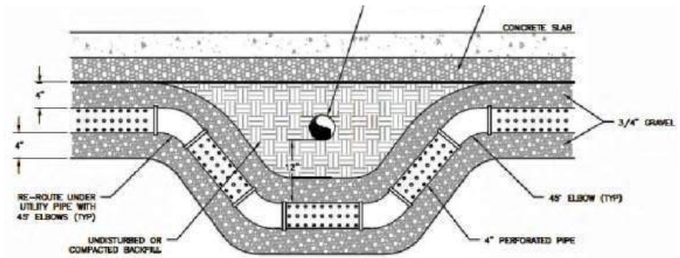
Revised SSDS Layout Plan





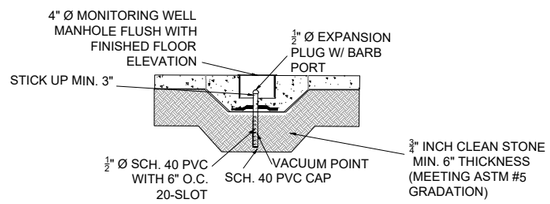
TYPICAL SSDS PROFILE AND SUCTION PIT DETAIL

SCALE: NTS



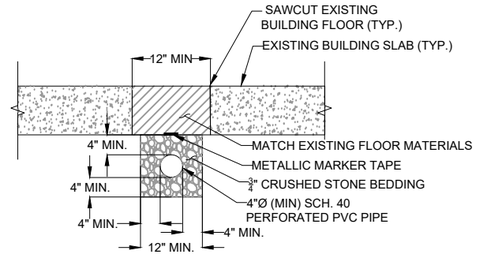
TYPICAL SSDS AND PIPE CROSSING DETAIL

SCALE: NTS



TYPICAL VACUUM MONITORING POINT

SCALE: NTS



TYPICAL PIPE TRENCH DETAIL

SCALE: NTS

NOTES

1. DEPICTED LOCATIONS OF VACUUM MONITORING POINTS ARE APPROXIMATE AND SHOULD BE COORDINATED WITH OWNER, ARCHITECT, AND TYLL ENGINEERING.
2. ALL PENETRATIONS THROUGH THE SLAB) SHALL BE SEALED USING A SILICONE BASED WATERPROOF SEALANT OR EQUIVALENT.
3. SUCTION LATERALS OF THE SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) SHOULD BE PITCHED AWAY FROM EXTRACTION POINTS TO PREVENT POOLING OF CONDENSATE IN THE BOTTOM OF VERTICAL RISERS, TO THE EXTENT PRACTICAL
4. PROVIDE ELECTRICAL/CONTROL CONDUIT TO SSDS FANS. COORDINATE WITH ELECTRICIAN.
5. ELECTRICAL REQUIREMENTS INCLUDE A 110 VOLT POWER OUTLET, FOR EACH SSDS FAN.
6. THE BLOWER DISCHARGES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM HVAC AIR INLJETS, AND PROPERTY LINE.
7. THE SSDS FANS SHALL BE A RADONAWAY MODEL RP145 OR APPROVED EQUAL.
8. THE RADONAWAY CHECKPOINT IIa ALARM SIGNAL SHALL BE AUDIBLE.
9. PROVIDE ALL NECESSARY PIPE SUPPORTS FOR RISER PIPES FROM THE BASEMENT TO THE EXHAUST POINT ON THE ROOF.

SSDS PLAN

FORMER ATLAS GRAPHICS SITE

567 MAIN STREET
WESTBURY, NEW YORK

TYLL ENGINEERING & CONSULTING PC
169 Commack Road, Suite H173, Commack, NY 11725
PHONE: (631) 629-5373 info@tyllengineering.com

SHEET TITLE:	SSDS LAYOUT PLAN		
DESIGNED BY:	KT	SCALE:	AS SHOWN
REVIEWED BY:	KT	DATE:	rev1 JANUARY 4, 2023
PLAN SHEET BY:	KT	PROJECT NO:	HDP2201

1

DAILY STATUS REPORT
Prepared By: Karen Tyll

WEATHER	Snow		Rain	**x**	Overcast	**x**	Partly Cloudy	x	Bright Sun	
TEMP.	< 32		30-50	x	50-70		70-85		>85	

NYSDEC Site No.:	130043A	**Date:** 02/28/23	
Project Name:	567 Main Street	**Address**	567 Main Street, Westbury, NY

Project Manager: Karen Tyll, Tyll Engineering	**Environmental Contractor:** PG Environmental Services, Inc.

Work Activities Performed:

PG Environmental continued to saw cut the concrete slab to install the SSDS.
Discovered a footing under the separation between the shop and office area.

Samples Collected: None

Air Monitoring Update:

No odors and minor visible dust were observed during field activities.

CAMP Data is attached.

VOC Action Level Exceedance(s) Above Background (Y/N): No
Particulate Action Level Exceedance(s) Above Background (Y/N): No

Planned Activities for the Next Day/Week:

Finish the trenching below the slab and core through the footing

PHOTOS

CAMP DATA (See Following Pages)

On- Site Dust and Volatile Organic Vapor Monitoring

Project: 567 Main Street, Westbury NY Job No.:

Location: On-site Personnel: Diego Fajardo

Day & Date 02/28/2023 Weather: SNOW

	AM	PM	Sample Interval: 15 minutes
Wind Direction	N/A	N/A	Background Reading (particulates) 0.041 **mg/m³**
Temperature Range:	25°F	32°F	Background Reading (organic vapors) 0.0 **ppm**

Calibration Dates: Particulate Meters: DUST TRAK Photoionization Detector: PID MINI RAE 2000

Action Level/Response: Organic vapors: > 5ppm above background levels/ 15 minute readings

Particulates: 0.100 mg/m^3 above up wind reading/15 minute period

Time	Particulate levels: (mg/m^3)				ORGANIC VAPOR LEVELS (ppm)	NOTES
0800	0.067				0.0	Setting up Stations
0815	0.073				0.0	Saw cutting concrete slab
0830	0.068				0.0	SAB
0845	0.062				0.0	SAB
0900	0.054				0.0	SAB
0915	0.047				0.0	SAB
0930	0.039				0.0	SAB
0945	0.034				0.0	Breaking and Removing concrete slab
1000	0.026				0.0	SAB
1015	0.019				0.0	SAB
1030	0.024				0.0	SAB
1045	0.031				0.0	SAB
1100	0.038				0.0	SAB
1115	0.045				0.0	SAB
1130	0.052				0.0	SAB
1145	0.059				0.0	SAB
1200	0.065				0.0	Lunch

Project: 567 Main Street, Westbury NY Job No.:

Location: Day & Date: 02/28/2023

Time	Particulate levels:				ORGANIC VAPOR LEVELS (PPM)	NOTES
	(mg/m^3)					
1215	0.074				0.0	Lunch
1230	0.078				0.0	Lunch
1245	0.072				0.0	Breaking and removing slab
1300	0.064				0.0	SAB
1315	0.057				0.0	SAB
1330	0.048				0.0	SAB
1345	0.043				0.0	SAB
1400	0.035				0.0	SAB
1415	0.028				0.0	SAB
1430	0.023				0.0	SAB
1445	0.017				0.0	SAB
1500	0.025				0.0	Site inactive / Tech off site
1515						
1530						
1545						
1600						
1615						
1630						
1645						
1700						

DAILY STATUS REPORT
Prepared By: Karen Tyll

WEATHER	Snow		Rain	**x**	Overcast	**x**	Partly Cloudy	x	Bright Sun	
TEMP.	< 32		30-50	x	50-70		70-85		>85	

NYSDEC Site No.:	130043A	**Date:** 03/1/23	
Project Name:	567 Main Street	**Address**	567 Main Street, Westbury, NY

Project Manager: Karen Tyll, Tyll Engineering	**Environmental Contractor:** PG Environmental Services, Inc.

Work Activities Performed:

PG Environmental continued to clear the trench to install the SSDS.
Started to core drill the footing under the separation between the shop and office area to insert the SSDS pipe.

Samples Collected: None

Air Monitoring Update:

No odors or visible dust were observed during field activities.

CAMP Data is attached.

VOC Action Level Exceedance(s) Above Background (Y/N): No
Particulate Action Level Exceedance(s) Above Background (Y/N): No

Planned Activities for the Next Day/Week:

Finish the trenching below the slab and excavate the area through the footing to insert the pipe

PHOTOS

CAMP DATA (See Following Pages)

On- Site Dust and Volatile Organic Vapor Monitoring

Project: 567 Main Street, Westbury NY Job No.:

Location: On-site Personnel: Diego Fajardo

Day & Date 03/01/2023 Weather: Cloudy & Sunny

	AM	PM	Sample Interval: 15 minutes
Wind Direction	N/A	N/A	Background Reading (particulates) 0.041 **mg/m³**
Temperature Range:	39°F	49°F	Background Reading (organic vapors) 0.0 **ppm**

Calibration Dates: Particulate Meters: DUST TRAK Photoionization Detector: PID MINI RAE 2000

Action Level/Response: Organic vapors: > 5ppm above background levels/ 15 minute readings

Particulates: 0.100 mg/m^3 above up wind reading/15 minute period

Time	**Particulate levels:**				ORGANIC VAPOR LEVELS (ppm)	NOTES
			(mg/m^3)			
0800			0.056		0.0	Setting up stations
0815			0.062		0.0	Breaking 6" diameter in concrete wall to office
0830			0.055		0.0	SAB
0845			0.049		0.0	SAB
0900			0.042		0.0	Breaking and removing slab
0915			0.035		0.0	SAB
0930			0.027		0.0	Digging soil out of trench and placing soil in drums
0945			0.023		0.0	SAB
1000			0.015		0.0	SAB
1015			0.008		0.0	SAB
1030			0.012		0.0	SAB
1045			0.019		0.0	SAB
1100			0.026		0.0	SAB
1115			0.034		0.0	SAB
1130			0.039		0.0	SAB
1145			0.047		0.0	SAB
1200			0.054		0.0	Lunch

Project: 567 Main Street, Westbury NY Job No.:

Location: Day & Date: 03/01/2023

Time	Particulate levels:				ORGANIC VAPOR LEVELS (PPM)	NOTES
			(mg/m^3)			
1215			0.063		0.0	Lunch
1230			0.067		0.0	Lunch
1245			0.059		0.0	Digging soil out of trench and placing soil in drums
1300			0.052		0.0	SAB
1315			0.045		0.0	SAB
1330			0.036		0.0	SAB
1345			0.032		0.0	SAB
1400			0.024		0.0	SAB
1415			0.017		0.0	SAB
1430			0.011		0.0	SAB
1445			0.005		0.0	SAB
1500			0.013		0.0	Site inactive / Tech off site
1515						
1530						
1545						
1600						
1615						
1630						
1645						
1700						

DAILY STATUS REPORT
Prepared By: Karen Tyll

WEATHER	Snow		Rain	**x**	Overcast	**x**	Partly Cloudy	x	Bright Sun	
TEMP.	< 32		30-50	x	50-70		70-85		>85	

NYSDEC Site No.:	130043A	**Date:** 03/2/23	
Project Name:	567 Main Street	**Address**	567 Main Street, Westbury, NY

Project Manager: Karen Tyll, Tyll Engineering	**Environmental Contractor:** PG Environmental Services, Inc.

Work Activities Performed:

PG Environmental continued to clear the trench to install the SSDS.
Excavating out under the office area and came up with a new way to insert pipe to avoid collapse of the material under the tile floor. PG has proposed to insert a 6" diameter well screen and insert the 4" diameter perforated PVC SSDS pipe inside it.

Samples Collected: None

Air Monitoring Update:

No odors or visible dust were observed during field activities.

CAMP Data is attached.

VOC Action Level Exceedance(s) Above Background (Y/N): No
Particulate Action Level Exceedance(s) Above Background (Y/N): No

Planned Activities for the Next Day/Week:

Finish the trenching below the slab and excavate the area through the footing to insert the pipe.

PHOTOS

CAMP DATA (See Following Pages)

On- Site Dust and Volatile Organic Vapor Monitoring

Project: 567 Main Street, Westbury NY Job No.:

Location: On-site Personnel: Diego Fajardo

Day & Date: 3/2/2023 Weather: Cloudy

	AM	PM	Sample Interval:	15 minutes
Wind Direction	N/A	N/A	Background Reading (particulates)	0.027 **mg/m³**
Temperature Range:	34°F	44°F	Background Reading (organic vapors)	0.0 **ppm**

Calibration Dates: Particulate Meters: DUST TRAK Photoionization Detector: PID MINI RAE 2000

Action Level/Response: Organic vapors: > 5ppm above background levels/ 15 minute readings

Particulates: 0.100 mg/m^3 above up wind reading/15 minute period

Time	Particulate	DUST METER (mg/m^3)		ORGANIC VAPOR LEVELS (ppm)	NOTES
0800		0.009		0.0	Setting up Stations
0815		0.014		0.0	Cutting and breaking concrete
0830		0.023		0.0	SAB
0845		0.028		0.0	SAB
0900		0.034		0.0	SAB
0915		0.043		0.0	SAB
0930		0.048		0.0	Digging Trench by removing soil
0945		0.054		0.0	SAB
1000		0.061		0.0	SAB
1015		0.065		0.0	SAB
1030		0.059		0.0	SAB
1045		0.055		0.0	SAB
1100		0.052		0.0	SAB
1115		0.045		0.0	Drumming all soil from trench
1130		0.036		0.0	SAB
1145		0.031		0.0	SAB
1200		0.024		0.0	Lunch

Project: 625 Fulton Street, Brooklyn Job No.:

Location: Day & Date: 3/2/2023

Time	Particulate levels:			ORGANIC VAPOR LEVELS (PPM)	NOTES
		DUST METER (mg/m^3)			
1215		0.016		0.0	Lunch
1230		0.011		0.0	Lunch
1245		0.018		0.0	Digging of trench
1300		0.025		0.0	SAB
1315		0.032		0.0	SAB
1330		0.039		0.0	SAB
1345		0.047		0.0	SAB
1400		0.054		0.0	SAB
1415		0.057		0.0	SAB
1430		0.053		0.0	SAB
1445		0.049		0.0	SAB
1500		0.046		0.0	Site inactive / Tech off site
1515					
1530					
1545					
1600					
1615					
1630					
1645					
1700					

DAILY STATUS REPORT
Prepared By: Karen Tyll

WEATHER	Snow		Rain	**x**	Overcast	**x**	Partly Cloudy	x	Bright Sun	
TEMP.	< 32		30-50	x	50-70		70-85		>85	

NYSDEC Site No.:	130043A	**Date:** 03/6/23	
Project Name:	567 Main Street	**Address**	567 Main Street, Westbury, NY

Project Manager: Karen Tyll, Tyll Engineering	**Environmental Contractor:** PG Environmental Services, Inc.

Work Activities Performed:

PG Environmental continued to install the SSDS aboveground piping, SSDS fan, and vacuum monitoring points

Samples Collected: None

Air Monitoring Update:

No odors or visible dust were observed during field activities.

CAMP Data attached.

VOC Action Level Exceedance(s) Above Background (Y/N): No
Particulate Action Level Exceedance(s) Above Background (Y/N): No

Planned Activities for the Next Day/Week:

Tenant's concrete contractor to install the concrete over the trench then once concrete cured, will install the final SSDS associated equipment and we will do startup testing procedures.

PHOTOS


PRIVATE
PROPERTY


HOT
DO

CAMP DATA (See Following Pages)

On- Site Dust and Volatile Organic Vapor Monitoring

Project: 567 Main Street, Westbury NY Job No.:

Location: On-site Personnel: Victor Barraza

Day & Date: 3/6/23 Weather: Sunny

	AM	PM		
			Sample Interval:	15 minutes
	N/A	N/A	Background Reading (particulates)	0.061 **mg/m³**
Wind Direction				
Temperature Range:	44°F	59°F	Background Reading (organic vapors)	0.0 **ppm**

Calibration Dates: Particulate Meters: DUST TRAK Photoionization Detector: PID MINI RAE 2000

Action Level/Response: Organic vapors: > 5ppm above background levels/ 15 minute readings

Particulates: 0.100 mg/m^3 above up wind reading/15 minute period

Time	Particulate			ORGANIC VAPOR LEVELS (ppm)	NOTES
		(mg/m^3)			
0800		0.023		0.0	Setting up stations
0815		0.015		0.0	Installing pressure point with concrete core drill
0830		0.009		0.0	SAB
0845		0.018		0.0	SAB
0900		0.020		0.0	SAB
0915		0.029		0.0	Installing vertical 4” dia pipe
0930		0.036		0.0	SAB
0945		0.043		0.0	SAB
1000		0.053		0.0	SAB
1015		0.058		0.0	SAB
1030		0.064		0.0	SAB
1045		0.056		0.0	Installing fan on exterior wall
1100		0.048		0.0	SAB
1115		0.041		0.0	SAB
1130		0.035		0.0	SAB
1145		0.028		0.0	SAB
1200		0.024		0.0	Lunch

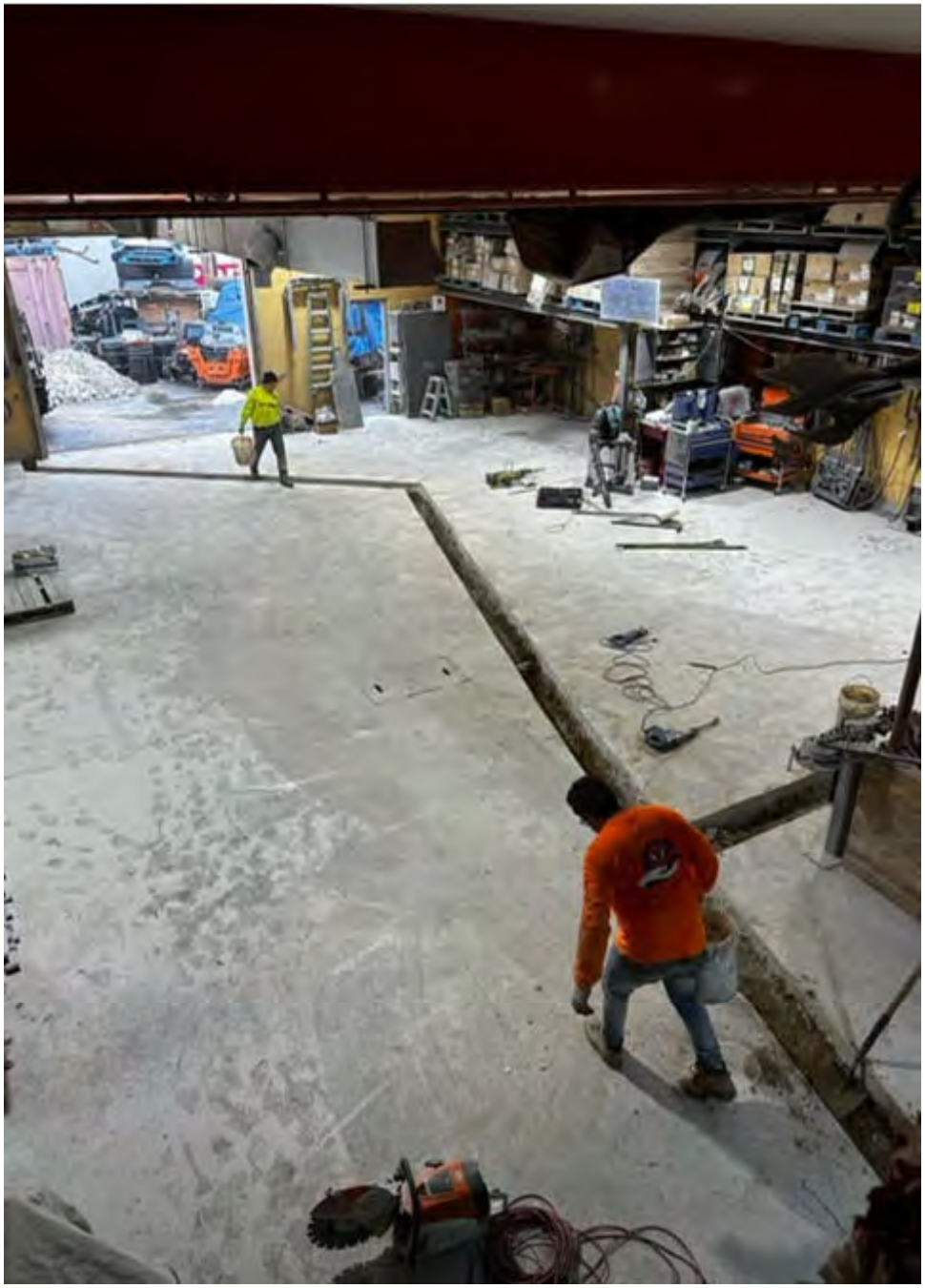
Project: 567 Main Street, Westbury NY Job No.:

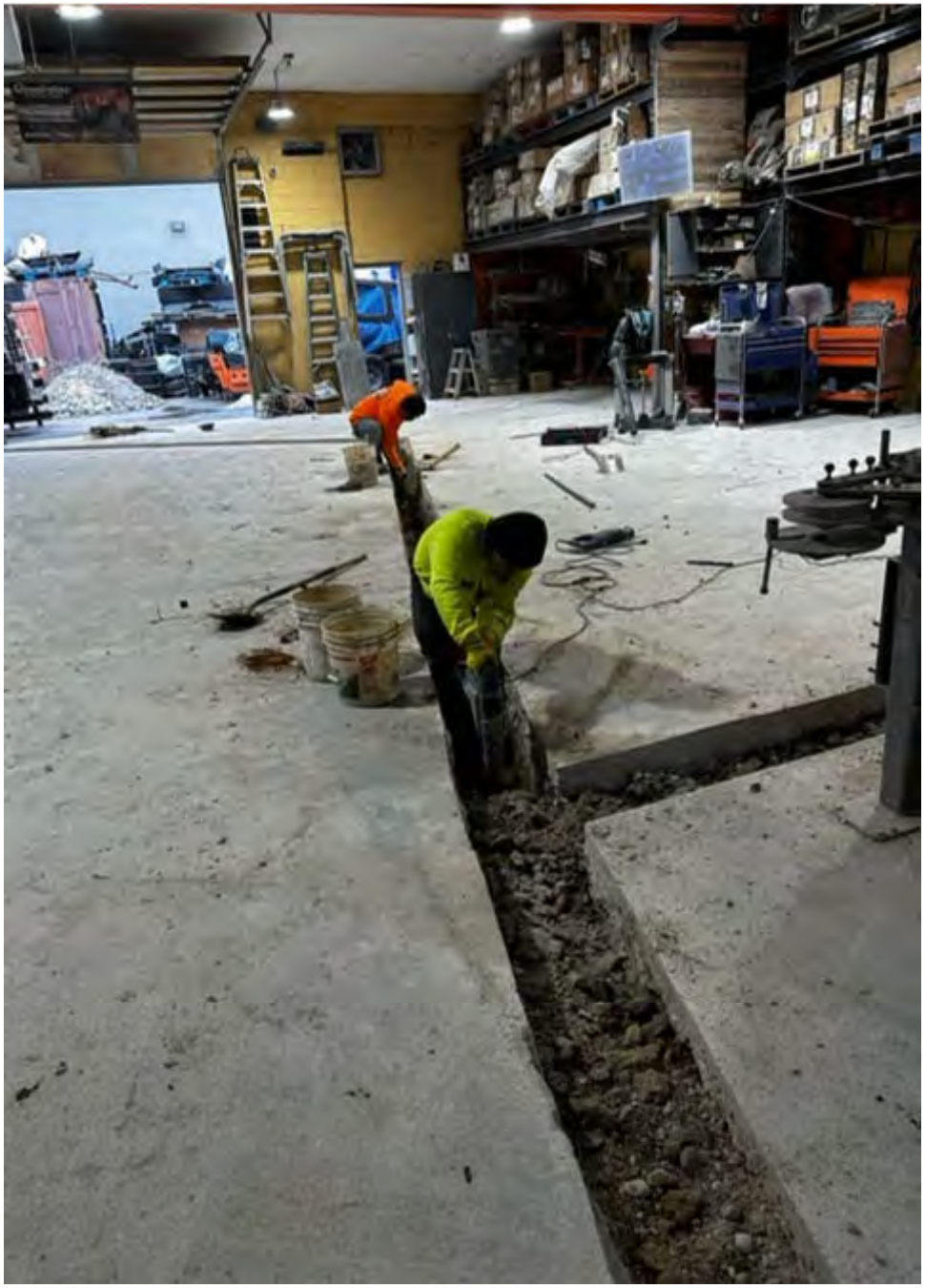
Location: Day & Date: 3/6/2023

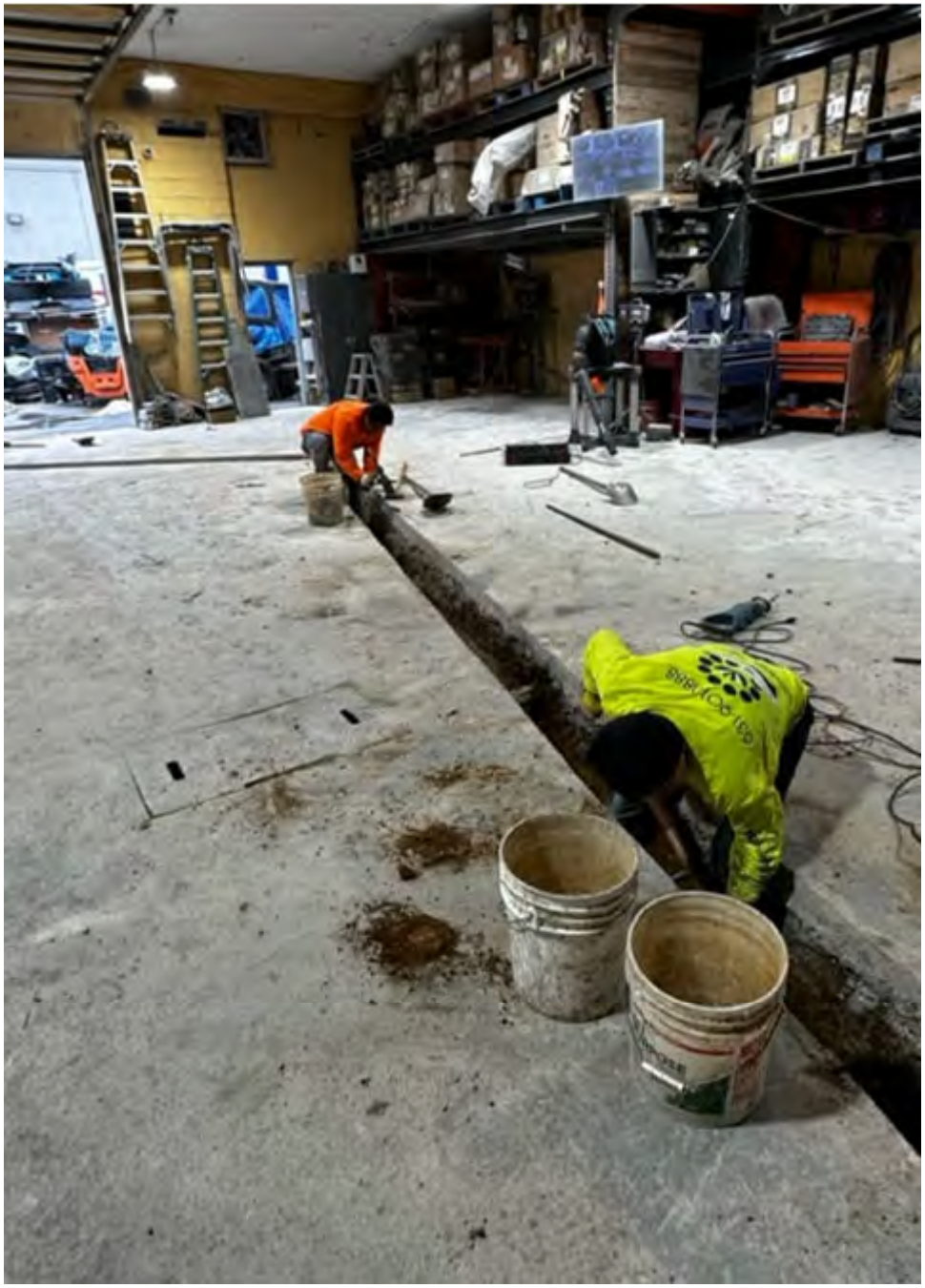
Time	Particulate levels:			ORGANIC VAPOR LEVELS (PPM)	NOTES
		(mg/m^3)			
1215		0.017		0.0	Lunch
1230		0.012		0.0	Lunch
1245		0.019		0.0	Securing all pipes and fan
1300		0.027		0.0	SAB
1315		0.032		0.0	SAB
1330		0.038		0.0	Installing covers on pressure points
1345		0.049		0.0	SAB
1400		0.057		0.0	SAB
1415		0.062		0.0	SAB
1430		0.054		0.0	Cleaning up the site
1445		0.045		0.0	SAB
1500		0.037		0.0	Site inactive / Tech off site
1515					
1530					
1545					
1600					
1615					
1630					
1645					
1700					

Appendix C

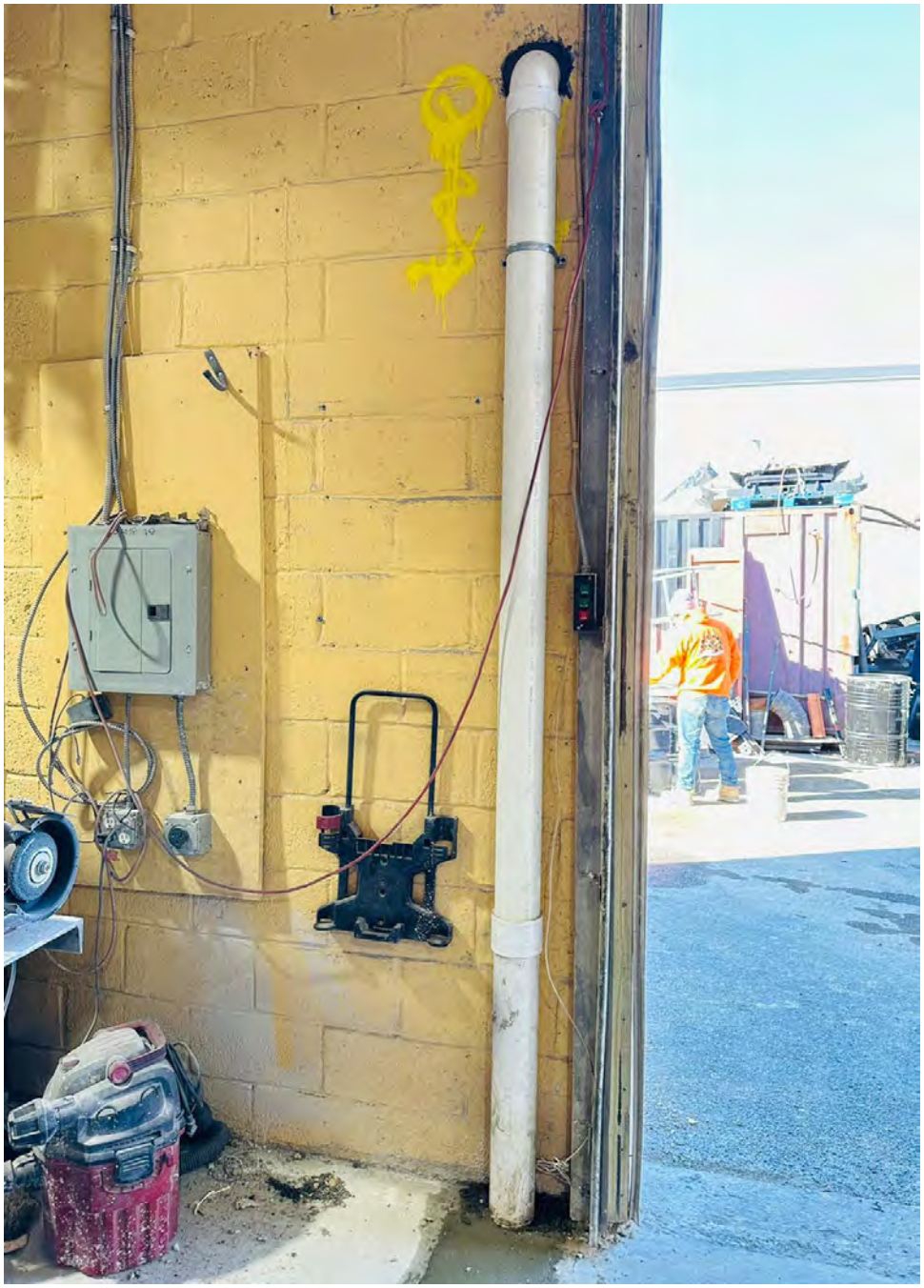
SSDS Installation Photos



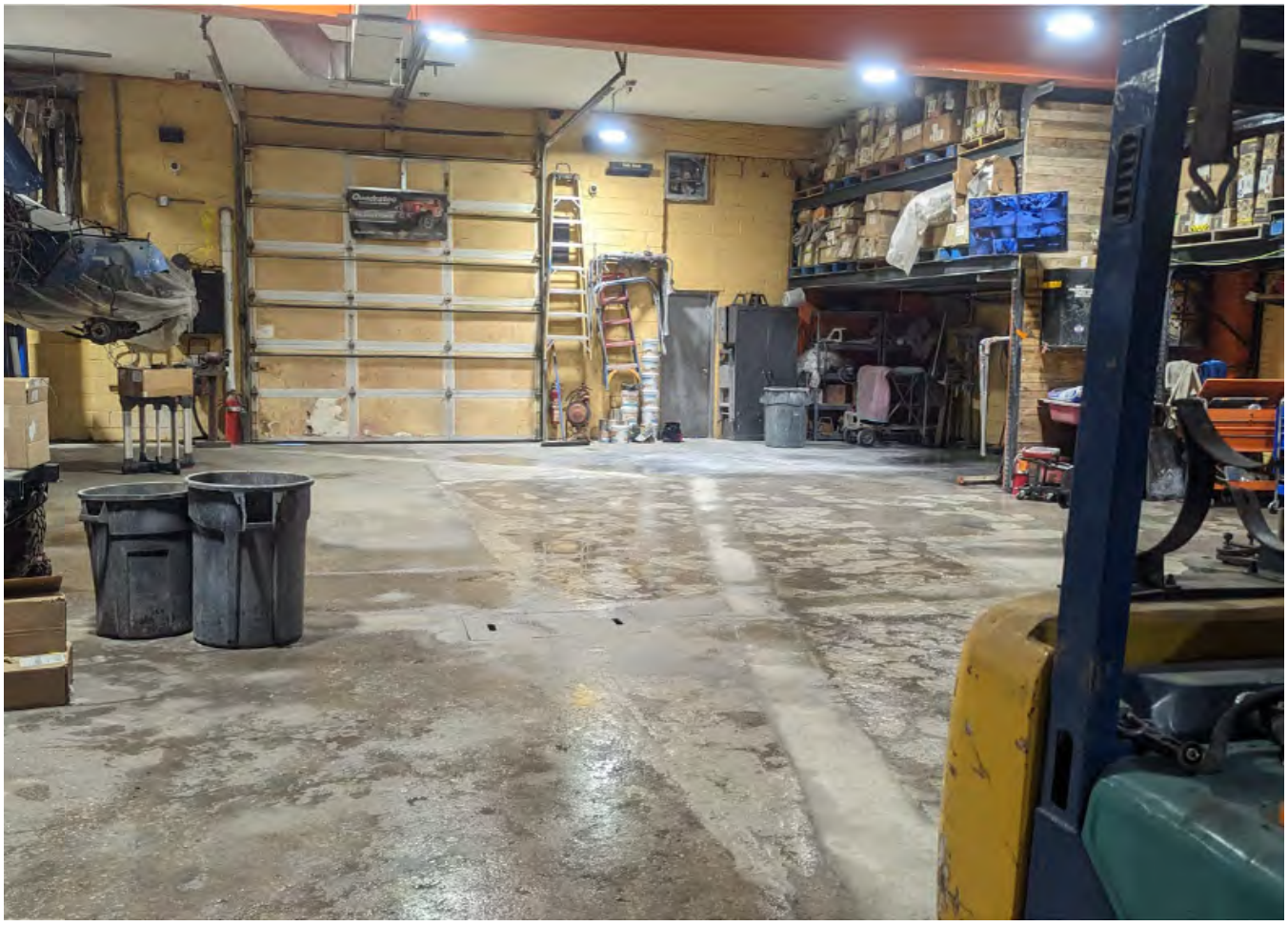





HUSKY



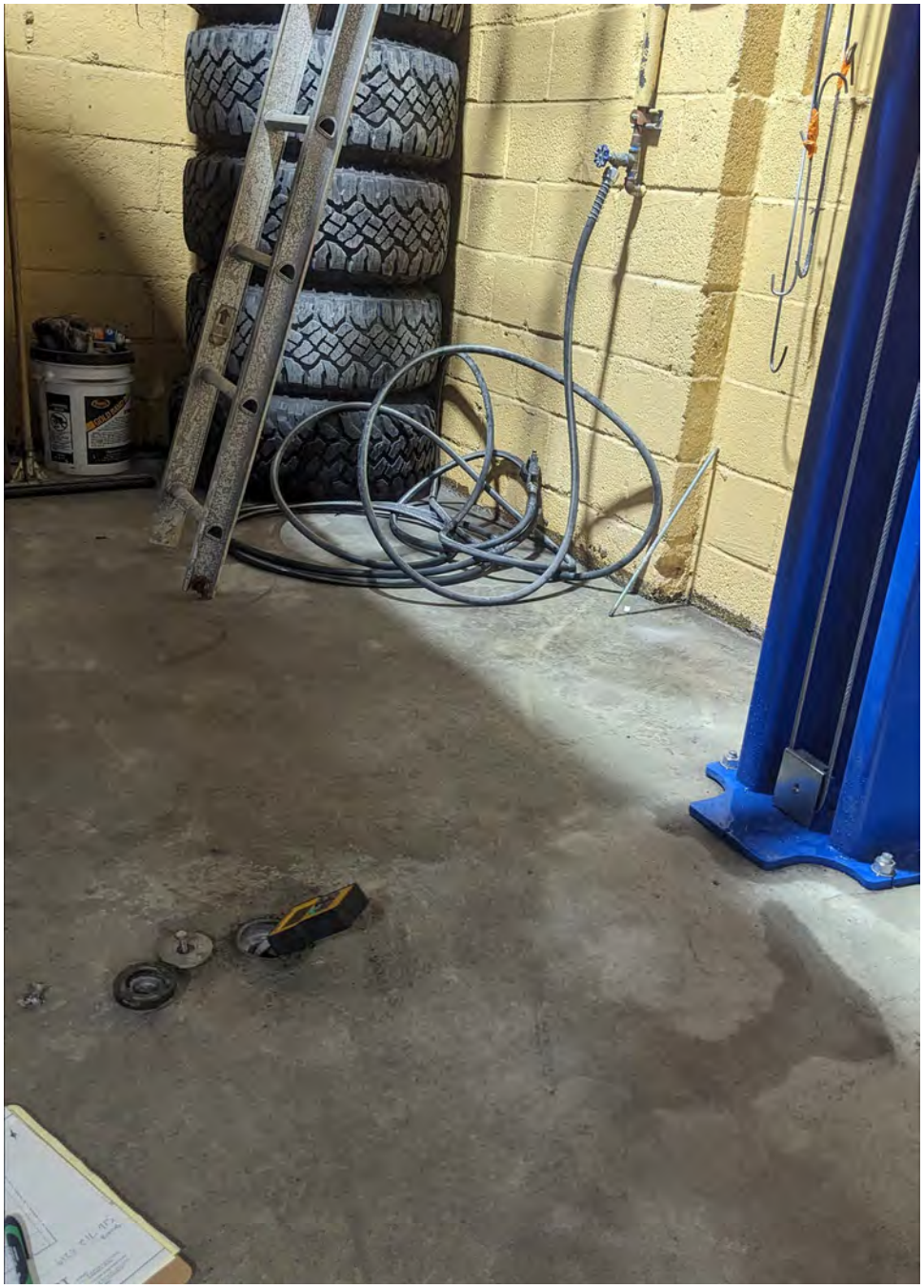

ORACLE

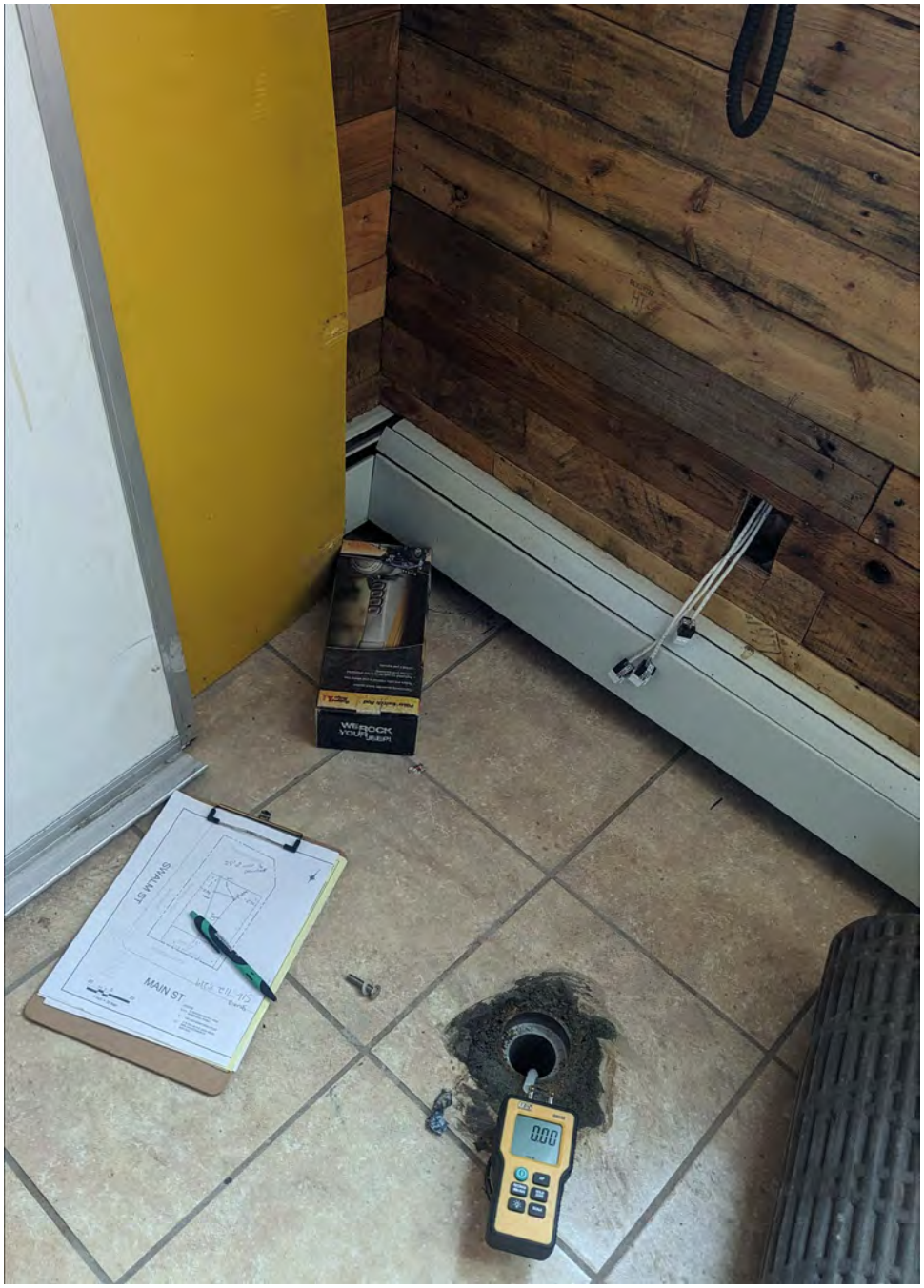



HUSKY
Do not Tamper


PRIVATE
PROPERTY
NO TRESPASSING

pressure alarm and sample tap were added after 3/22/23 inspection, The Magnahelic gauge was replaced out for a more appropriate range.




WE ROCK YOUR JEEP!
SWAMA ST
MAIN ST

Appendix D

Manifests

and

Waste Characterization Lab Report

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N / A	1	(267) 406-0083	44557

GENERATOR

5. Generator's Name and Mailing Address

H.D.P. Printing Industries Corp.
2459 Broadmoor Lane
Spring Hill FL 34606
Generator's Phone:

Generator's Site Address (if different than mailing address)

H.D.P. Printing Industries Corp.
567 Main Street
Westbury NY 11590

6. Transporter 1 Company Name — U.S. EPA ID Number

Innovative Recycling Technologies, Inc — NYR000134940

7. Transporter 2 Company Name — U.S. EPA ID Number

Republic Environmental Systems (Trans Group)LLC — PAD982661381

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Republic Environmental Systems (PA), LLC
2869 Sandstone Drive
Hatfield PA 19440
Facility's Phone: 215 822 9695 — PAD085690592

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Hazardous Soil Non-DOT Regulated Material	5	DM	6000	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

9.1)
Doc#

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: SAMIS — Signature — Month: 4 Day: 20 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Francis McShane — Signature — Month: 4 Day: 20 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

Technical Report

prepared for:

PG Environmental Services
175 Commerce Dr Suite P
Hauppauge NY, 11788
Attention: Carlos Quinonez

Report Date: 03/31/2023
Client Project ID: 567 Main Street Westbury, NY
York Project (SDG) No.: 23C1302

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: 03/31/2023
Client Project ID: 567 Main Street Westbury, NY
York Project (SDG) No.: 23C1302

PG Environmental Services
175 Commerce Dr Suite P
Hauppauge NY, 11788
Attention: Carlos Quinonez

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 March 23, 2023 and listed below. The project was identified as your project: **567 Main Street Westbury, NY**.

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
23C1302-01	Drum 1	Soil	03/22/2023	03/23/2023

General Notes for York Project (SDG) No.: 23C1302

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: Cassie L. Mosher **Date:** 03/31/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Drum 1** **York Sample ID:** **23C1302-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1302	567 Main Street Westbury, NY	Soil	March 22, 2023 1:00 pm	03/23/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: **Drum 1** **York Sample ID:** **23C1302-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1302	567 Main Street Westbury, NY	Soil	March 22, 2023 1:00 pm	03/23/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **Drum 1** **York Sample ID:** **23C1302-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1302	567 Main Street Westbury, NY	Soil	March 22, 2023 1:00 pm	03/23/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	03/24/2023 09:00	03/24/2023 13:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Drum 1 **York Sample ID:** 23C1302-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1302	567 Main Street Westbury, NY	Soil	March 22, 2023 1:00 pm	03/23/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*			*76-130*						

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	03/28/2023 08:05 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/30/2023 09:10	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	03/28/2023 08:05 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/30/2023 09:10	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	03/28/2023 08:05 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/30/2023 09:10	BCJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	03/28/2023 08:05 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/30/2023 09:10	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	03/28/2023 08:05 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/30/2023 09:10	BCJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	03/28/2023 08:05 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/30/2023 09:10	BCJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	03/28/2023 08:05 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/30/2023 09:10	BCJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	03/28/2023 08:05	03/30/2023 09:10	BCJ

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-140*

Metals, RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.52**		mg/kg dry	1.07	1	EPA 6010D Certifications:	03/28/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/30/2023 14:45	CW
7440-39-3	**Barium**	**630**		mg/kg dry	1.78	1	EPA 6010D Certifications:	03/28/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/30/2023 14:45	CW
7440-43-9	**Cadmium**	**0.255**		mg/kg dry	0.214	1	EPA 6010D Certifications:	03/28/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/30/2023 14:45	CW
7440-47-3	**Chromium**	**11.1**		mg/kg dry	0.357	1	EPA 6010D Certifications:	03/28/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/30/2023 14:45	CW

Sample Information

Client Sample ID: **Drum 1** **York Sample ID:** **23C1302-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1302	567 Main Street Westbury, NY	Soil	March 22, 2023 1:00 pm	03/23/2023

Metals, RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**116**		mg/kg dry	0.357	1	EPA 6010D	03/28/2023 16:58	03/30/2023 14:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.78	1	EPA 6010D	03/28/2023 16:58	03/30/2023 14:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.359	1	EPA 6010D	03/28/2023 16:58	03/30/2023 14:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311	03/29/2023 15:34	03/30/2023 19:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311	03/29/2023 15:34	03/30/2023 19:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	03/29/2023 15:34	03/30/2023 19:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	03/29/2023 15:34	03/30/2023 19:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.630**		mg/L	0.125	1	EPA 6010D/1311	03/29/2023 15:34	03/30/2023 19:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311	03/29/2023 15:34	03/30/2023 19:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	03/29/2023 15:34	03/30/2023 19:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.441**		mg/kg dry	0.0308	1	EPA 7473	03/30/2023 18:28	03/30/2023 19:04	ZTS
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

Mercury, TCLP

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311	03/30/2023 08:09	03/30/2023 08:09	MR
							Certifications: CTDOH-PH-0723,NJDEP,PADEP,NELAC-NY10854			

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: Drum 1 **York Sample ID:** 23C1302-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1302	567 Main Street Westbury, NY	Soil	March 22, 2023 1:00 pm	03/23/2023

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**7.31**		pH units	0.500	1	EPA 9045D	03/23/2023 14:43	03/23/2023 21:41	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP			

Reactivity-Cyanide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	03/24/2023 14:43	03/24/2023 18:57	SL
							Certifications: CTDOH-PH-0723,PADEP			

Reactivity-Sulfide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	03/24/2023 14:45	03/24/2023 21:23	SL
							Certifications: CTDOH-PH-0723,PADEP			

Temperature

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**22.3**		°C	1.00	1	EPA 170.1	03/23/2023 14:43	03/23/2023 21:41	SL
							Certifications:			

Ignitability

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P	03/27/2023 08:13	03/27/2023 08:53	AD2
							Certifications:			

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.4**		%	0.100	1	SM 2540G	03/30/2023 07:41	03/30/2023 14:05	sgs
							Certifications: CTDOH-PH-0723			

TCLP Extraction for METALS EPA 1311

Log-in Notes: VOA-CONT **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **Drum 1** **York Sample ID:** **23C1302-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C1302	567 Main Street Westbury, NY	Soil	March 22, 2023 1:00 pm	03/23/2023

TCLP Extraction for METALS EPA 1311

Log-in Notes: VOA-CONT **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	03/25/2023 16:17	03/26/2023 09:21	LC
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BC31600 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/23/23
BC31600-DUP1	Duplicate	03/23/23

Batch ID: BC31624 **Preparation Method:** EPA 5035A **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/24/23
BC31624-BLK1	Blank	03/24/23
BC31624-BS1	LCS	03/24/23
BC31624-BSD1	LCS Dup	03/24/23
BC31624-MS1	Matrix Spike	03/24/23
BC31624-MSD1	Matrix Spike Dup	03/24/23

Batch ID: BC31674 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/24/23
BC31674-BLK1	Blank	03/24/23

Batch ID: BC31675 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/24/23
BC31675-BLK1	Blank	03/24/23
BC31675-DUP1	Duplicate	03/24/23

Batch ID: BC31700 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/25/23
BC31700-BLK1	Blank	03/25/23

Batch ID: BC31726 **Preparation Method:** Analysis Preparation **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/27/23

Batch ID: BC31759 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/28/23

BC31759-BLK2	Blank	03/28/23
BC31759-BS2	LCS	03/28/23

Batch ID: BC31886 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/28/23
BC31886-BLK1	Blank	03/28/23
BC31886-DUP1	Duplicate	03/28/23
BC31886-MS1	Matrix Spike	03/28/23
BC31886-PS1	Post Spike	03/28/23
BC31886-SRM1	Reference	03/28/23

Batch ID: BC31988 **Preparation Method:** EPA 3015A/1311 **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/29/23
BC31988-BLK1	Blank	03/29/23
BC31988-BS1	LCS	03/29/23
BC31988-DUP1	Duplicate	03/29/23
BC31988-LBK1	Leach Fluid Blank	03/29/23
BC31988-MS1	Matrix Spike	03/29/23
BC31988-PS1	Post Spike	03/29/23

Batch ID: BC32005 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/30/23
BC32005-DUP1	Duplicate	03/30/23

Batch ID: BC32012 **Preparation Method:** EPA SW846-7470A **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/30/23
BC32012-BLK1	Blank	03/30/23
BC32012-BLK2	Blank	03/30/23
BC32012-BS1	LCS	03/30/23
BC32012-BS2	LCS	03/30/23

Batch ID: BC32070 **Preparation Method:** EPA 7473 soil **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
23C1302-01	Drum 1	03/30/23
BC32070-BLK1	Blank	03/30/23
BC32070-DUP1	Duplicate	03/30/23
BC32070-MS1	Matrix Spike	03/30/23
BC32070-SRM1	Reference	03/30/23


YORK
ANALYTICAL LABORATORIES INC

Volatile Organic Compounds 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 BC31624 - EPA 5035A											
Blank (BC31624-BLK1)											Prepared & Analyzed: 03/24/2023
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

Volatile Organic Compounds 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 BC31624 - EPA 5035A											
Blank (BC31624-BLK1)									Prepared & Analyzed: 03/24/2023		
Methylene chloride	ND	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.9*	*76-130*				
LCS (BC31624-BS1)									Prepared & Analyzed: 03/24/2023		
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	51		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		100	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	58-146				
1,1,2-Trichloroethane	51		"	50.0		102	83-123				
1,1-Dichloroethane	52		"	50.0		103	75-130				
1,1-Dichloroethylene	52		"	50.0		104	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		100	81-140				
1,2,3-Trichloropropane	48		"	50.0		96.9	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		99.7	80-141				
1,2,4-Trimethylbenzene	50		"	50.0		99.9	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		100	74-142				
1,2-Dibromoethane	52		"	50.0		104	86-123				
1,2-Dichlorobenzene	51		"	50.0		102	85-122				
1,2-Dichloroethane	54		"	50.0		108	71-133				
1,2-Dichloropropane	52		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		101	82-126				
1,3-Dichlorobenzene	50		"	50.0		99.8	84-124				
1,4-Dichlorobenzene	49		"	50.0		98.3	84-124				
1,4-Dioxane	1000		"	1050		98.5	10-228				
2-Butanone	51		"	50.0		102	58-147				
2-Hexanone	50		"	50.0		99.8	70-139				
4-Methyl-2-pentanone	53		"	50.0		106	72-132				
Acetone	39		"	50.0		78.5	36-155				
Acrolein	53		"	50.0		106	10-238				
Acrylonitrile	53		"	50.0		107	66-141				

Volatile Organic Compounds 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 BC31624 - EPA 5035A											
LCS (BC31624-BS1)							Prepared & Analyzed: 03/24/2023				
Benzene	50		ug/L	50.0		101	77-127				
Bromochloromethane	54		"	50.0		108	74-129				
Bromodichloromethane	51		"	50.0		102	81-124				
Bromoform	56		"	50.0		112	80-136				
Bromomethane	49		"	50.0		98.0	32-177				
Carbon disulfide	50		"	50.0		99.7	10-136				
Carbon tetrachloride	53		"	50.0		107	66-143				
Chlorobenzene	53		"	50.0		105	86-120				
Chloroethane	53		"	50.0		106	51-142				
Chloroform	53		"	50.0		107	76-131				
Chloromethane	39		"	50.0		77.5	49-132				
cis-1,2-Dichloroethylene	53		"	50.0		106	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		98.7	81-129				
Cyclohexane	48		"	50.0		95.0	70-130				
Dibromochloromethane	52		"	50.0		104	10-200				
Dibromomethane	51		"	50.0		102	83-124				
Dichlorodifluoromethane	27		"	50.0		54.7	28-158				
Ethyl Benzene	51		"	50.0		103	84-125				
Hexachlorobutadiene	51		"	50.0		101	83-133				
Isopropylbenzene	49		"	50.0		97.3	81-127				
Methyl acetate	50		"	50.0		99.9	41-143				
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	74-131				
Methylcyclohexane	46		"	50.0		92.8	70-130				
Methylene chloride	51		"	50.0		103	57-141				
n-Butylbenzene	50		"	50.0		101	80-130				
n-Propylbenzene	49		"	50.0		97.9	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	100		"	100		104	82-128				
p-Isopropyltoluene	50		"	50.0		99.2	85-125				
sec-Butylbenzene	51		"	50.0		101	83-125				
Styrene	50		"	50.0		99.2	86-126				
tert-Butyl alcohol (TBA)	250		"	250		100	70-130				
tert-Butylbenzene	50		"	50.0		100	80-127				
Tetrachloroethylene	43		"	50.0		86.9	80-129				
Toluene	50		"	50.0		99.8	85-121				
trans-1,2-Dichloroethylene	51		"	50.0		103	72-132				
trans-1,3-Dichloropropylene	48		"	50.0		96.3	78-132				
trans-1,4-dichloro-2-butene	50		"	50.0		101	75-135				
Trichloroethylene	51		"	50.0		102	84-123				
Trichlorofluoromethane	47		"	50.0		93.5	62-140				
Vinyl Chloride	45		"	50.0		90.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.1*		*"*	*50.0*		*92.2*	*76-130*				

Volatile Organic Compounds 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 BC31624 - EPA 5035A											
LCS Dup (BC31624-BSD1)								Prepared & Analyzed: 03/24/2023			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.9	75-129		1.64	30	
1,1,1-Trichloroethane	49		"	50.0		98.6	71-137		2.50	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		105	79-129		4.86	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.5	58-146		3.33	30	
1,1,2-Trichloroethane	48		"	50.0		95.7	83-123		6.53	30	
1,1-Dichloroethane	47		"	50.0		93.4	75-130		10.1	30	
1,1-Dichloroethylene	48		"	50.0		96.5	64-137		7.21	30	
1,2,3-Trichlorobenzene	51		"	50.0		101	81-140		1.09	30	
1,2,3-Trichloropropane	52		"	50.0		104	81-126		7.15	30	
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141		2.18	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		2.22	30	
1,2-Dibromo-3-chloropropane	49		"	50.0		98.7	74-142		1.53	30	
1,2-Dibromoethane	48		"	50.0		95.9	86-123		7.99	30	
1,2-Dichlorobenzene	53		"	50.0		105	85-122		3.03	30	
1,2-Dichloroethane	51		"	50.0		102	71-133		5.60	30	
1,2-Dichloropropane	47		"	50.0		94.2	81-122		10.6	30	
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126		2.56	30	
1,3-Dichlorobenzene	51		"	50.0		102	84-124		2.08	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		2.35	30	
1,4-Dioxane	960		"	1050		91.6	10-228		7.24	30	
2-Butanone	23		"	50.0		46.6	58-147	Low Bias	74.2	30	Non-dir.
2-Hexanone	47		"	50.0		93.1	70-139		6.95	30	
4-Methyl-2-pentanone	49		"	50.0		98.6	72-132		7.03	30	
Acetone	38		"	50.0		75.2	36-155		4.29	30	
Acrolein	47		"	50.0		93.5	10-238		12.7	30	
Acrylonitrile	50		"	50.0		99.4	66-141		7.21	30	
Benzene	51		"	50.0		101	77-127		0.396	30	
Bromochloromethane	51		"	50.0		103	74-129		5.15	30	
Bromodichloromethane	47		"	50.0		94.0	81-124		8.19	30	
Bromoform	53		"	50.0		106	80-136		5.04	30	
Bromomethane	47		"	50.0		94.6	32-177		3.53	30	
Carbon disulfide	48		"	50.0		96.4	10-136		3.30	30	
Carbon tetrachloride	52		"	50.0		104	66-143		2.77	30	
Chlorobenzene	52		"	50.0		104	86-120		0.953	30	
Chloroethane	50		"	50.0		99.3	51-142		6.85	30	
Chloroform	50		"	50.0		101	76-131		5.64	30	
Chloromethane	37		"	50.0		74.8	49-132		3.49	30	
cis-1,2-Dichloroethylene	49		"	50.0		98.0	74-132		7.77	30	
cis-1,3-Dichloropropylene	45		"	50.0		90.5	81-129		8.67	30	
Cyclohexane	46		"	50.0		92.6	70-130		2.54	30	
Dibromochloromethane	50		"	50.0		99.6	10-200		4.30	30	
Dibromomethane	46		"	50.0		91.1	83-124		11.0	30	
Dichlorodifluoromethane	28		"	50.0		55.3	28-158		1.13	30	
Ethyl Benzene	50		"	50.0		99.6	84-125		3.10	30	
Hexachlorobutadiene	51		"	50.0		102	83-133		0.749	30	
Isopropylbenzene	51		"	50.0		103	81-127		5.44	30	
Methyl acetate	46		"	50.0		92.1	41-143		8.06	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.9	74-131		5.63	30	
Methylcyclohexane	43		"	50.0		86.2	70-130		7.31	30	
Methylene chloride	50		"	50.0		100	57-141		2.44	30	

Volatile Organic Compounds 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 BC31624 - EPA 5035A											
LCS Dup (BC31624-BSD1)								Prepared & Analyzed: 03/24/2023			
n-Butylbenzene	51		ug/L	50.0		102	80-130		0.948	30	
n-Propylbenzene	51		"	50.0		102	74-136		3.85	30	
o-Xylene	50		"	50.0		99.7	83-123		4.05	30	
p- & m- Xylenes	98		"	100		97.6	82-128		6.31	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		2.39	30	
sec-Butylbenzene	52		"	50.0		104	83-125		2.81	30	
Styrene	48		"	50.0		96.4	86-126		2.88	30	
tert-Butyl alcohol (TBA)	250		"	250		99.6	70-130		0.692	30	
tert-Butylbenzene	52		"	50.0		104	80-127		3.99	30	
Tetrachloroethylene	42		"	50.0		83.5	80-129		4.04	30	
Toluene	48		"	50.0		96.6	85-121		3.24	30	
trans-1,2-Dichloroethylene	48		"	50.0		97.0	72-132		5.88	30	
trans-1,3-Dichloropropylene	47		"	50.0		93.5	78-132		2.91	30	
trans-1,4-dichloro-2-butene	52		"	50.0		103	75-135		1.98	30	
Trichloroethylene	47		"	50.0		93.0	84-123		9.33	30	
Trichlorofluoromethane	47		"	50.0		93.8	62-140		0.363	30	
Vinyl Chloride	44		"	50.0		87.9	52-130		2.69	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.9*	*76-130*				
Matrix Spike (BC31624-MS1)	*Source sample: 23C1302-01 (Drum 1)							Prepared & Analyzed: 03/24/2023			
1,1,1,2-Tetrachloroethane	41		ug/L	50.0	0.0	81.1	15-161				
1,1,1-Trichloroethane	41		"	50.0	0.0	82.5	42-145				
1,1,2,2-Tetrachloroethane	41		"	50.0	0.0	82.9	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	38		"	50.0	0.0	76.3	11-160				
1,1,2-Trichloroethane	43		"	50.0	0.0	86.6	44-145				
1,1-Dichloroethane	43		"	50.0	0.0	85.0	46-142				
1,1-Dichloroethylene	40		"	50.0	0.0	80.5	30-153				
1,2,3-Trichlorobenzene	29		"	50.0	0.0	57.1	10-157				
1,2,3-Trichloropropane	43		"	50.0	0.0	86.8	38-155				
1,2,4-Trichlorobenzene	28		"	50.0	0.0	55.7	10-151				
1,2,4-Trimethylbenzene	35		"	50.0	0.0	69.3	10-170				
1,2-Dibromo-3-chloropropane	42		"	50.0	0.0	84.5	36-138				
1,2-Dibromoethane	44		"	50.0	0.0	87.6	40-142				
1,2-Dichlorobenzene	37		"	50.0	0.0	73.2	10-147				
1,2-Dichloroethane	46		"	50.0	0.0	91.0	48-133				
1,2-Dichloropropane	45		"	50.0	0.0	90.0	47-141				
1,3,5-Trimethylbenzene	34		"	50.0	0.0	69.0	10-150				
1,3-Dichlorobenzene	34		"	50.0	0.0	68.5	10-144				
1,4-Dichlorobenzene	34		"	50.0	0.0	68.4	10-160				
1,4-Dioxane	950		"	1050	0.0	90.1	10-191				
2-Butanone	37		"	50.0	0.0	74.3	10-189				
2-Hexanone	34		"	50.0	0.0	68.2	10-181				
4-Methyl-2-pentanone	44		"	50.0	0.0	87.7	10-166				
Acetone	33		"	50.0	0.0	66.9	10-196				
Acrolein	1.5		"	50.0	0.0	2.98	10-192	Low Bias			
Acrylonitrile	35		"	50.0	0.0	69.8	13-161				
Benzene	41		"	50.0	0.0	81.4	43-139				
Bromochloromethane	47		"	50.0	0.0	94.8	38-145				

Volatile Organic Compounds 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 BC31624 - EPA 5035A											
Matrix Spike (BC31624-MS1)	*Source sample: 23C1302-01 (Drum 1)							Prepared & Analyzed: 03/24/2023			
Bromodichloromethane	42		ug/L	50.0	0.0	83.8	38-147				
Bromoform	47		"	50.0	0.0	93.9	29-156				
Bromomethane	46		"	50.0	0.0	91.0	10-166				
Carbon disulfide	34		"	50.0	0.29	68.4	10-131				
Carbon tetrachloride	43		"	50.0	0.0	85.5	35-145				
Chlorobenzene	41		"	50.0	0.0	81.7	21-154				
Chloroethane	47		"	50.0	0.0	93.1	15-160				
Chloroform	43		"	50.0	0.0	86.9	47-142				
Chloromethane	30		"	50.0	0.0	59.2	10-159				
cis-1,2-Dichloroethylene	42		"	50.0	0.0	84.3	42-144				
cis-1,3-Dichloropropylene	39		"	50.0	0.0	78.1	18-159				
Cyclohexane	34		"	50.0	0.0	68.6	70-130	Low Bias			
Dibromochloromethane	44		"	50.0	0.0	87.5	10-179				
Dibromomethane	43		"	50.0	0.0	85.1	47-143				
Dichlorodifluoromethane	19		"	50.0	0.0	37.7	10-145				
Ethyl Benzene	38		"	50.0	0.0	76.5	11-158				
Hexachlorobutadiene	21		"	50.0	0.0	42.9	10-158				
Isopropylbenzene	36		"	50.0	0.0	71.0	10-162				
Methyl acetate	50		"	50.0	0.0	99.5	10-149				
Methyl tert-butyl ether (MTBE)	44		"	50.0	0.0	88.5	42-152				
Methylcyclohexane	29		"	50.0	0.0	58.3	70-130	Low Bias			
Methylene chloride	44		"	50.0	1.4	86.1	28-151				
n-Butylbenzene	29		"	50.0	0.0	57.5	10-162				
n-Propylbenzene	33		"	50.0	0.0	66.9	10-155				
o-Xylene	39		"	50.0	0.0	77.4	10-158				
p- & m- Xylenes	76		"	100	0.0	76.2	10-156				
p-Isopropyltoluene	31		"	50.0	0.0	62.4	10-147				
sec-Butylbenzene	32		"	50.0	0.0	64.7	10-157				
Styrene	37		"	50.0	0.0	74.4	13-171				
tert-Butyl alcohol (TBA)	230		"	250	0.0	90.3	34-179				
tert-Butylbenzene	35		"	50.0	0.0	69.6	10-160				
Tetrachloroethylene	31		"	50.0	0.0	62.2	30-167				
Toluene	39		"	50.0	0.0	77.5	21-160				
trans-1,2-Dichloroethylene	40		"	50.0	0.0	80.1	29-153				
trans-1,3-Dichloropropylene	38		"	50.0	0.0	75.5	18-155				
trans-1,4-dichloro-2-butene	41		"	50.0	0.0	82.2	17-154				
Trichloroethylene	38		"	50.0	0.0	76.7	24-169				
Trichlorofluoromethane	43		"	50.0	0.0	86.3	35-142				
Vinyl Chloride	40		"	50.0	0.0	79.1	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.7*		*"*	*50.0*		*93.4*	*76-130*				

Volatile Organic Compounds 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 BC31624 - EPA 5035A

Matrix Spike Dup (BC31624-MSD1) *Source sample: 23C1302-01 (Drum 1) Prepared & Analyzed: 03/24/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	41		ug/L	50.0	0.0	82.3	15-161		1.47	33	
1,1,1-Trichloroethane	41		"	50.0	0.0	81.5	42-145		1.22	30	
1,1,2,2-Tetrachloroethane	40		"	50.0	0.0	80.8	16-167		2.59	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40		"	50.0	0.0	80.2	11-160		4.98	31	
1,1,2-Trichloroethane	43		"	50.0	0.0	85.2	44-145		1.68	40	
1,1-Dichloroethane	41		"	50.0	0.0	82.7	46-142		2.79	36	
1,1-Dichloroethylene	42		"	50.0	0.0	83.3	30-153		3.42	31	
1,2,3-Trichlorobenzene	29		"	50.0	0.0	57.2	10-157		0.140	47	
1,2,3-Trichloropropane	42		"	50.0	0.0	84.9	38-155		2.21	48	
1,2,4-Trichlorobenzene	27		"	50.0	0.0	54.5	10-151		2.18	52	
1,2,4-Trimethylbenzene	33		"	50.0	0.0	66.4	10-170		4.22	242	
1,2-Dibromo-3-chloropropane	39		"	50.0	0.0	77.6	36-138		8.53	54	
1,2-Dibromoethane	41		"	50.0	0.0	82.8	40-142		5.66	39	
1,2-Dichlorobenzene	35		"	50.0	0.0	70.8	10-147		3.44	52	
1,2-Dichloroethane	45		"	50.0	0.0	89.7	48-133		1.44	32	
1,2-Dichloropropane	42		"	50.0	0.0	84.1	47-141		6.78	37	
1,3,5-Trimethylbenzene	33		"	50.0	0.0	66.6	10-150		3.48	62	
1,3-Dichlorobenzene	33		"	50.0	0.0	65.4	10-144		4.75	51	
1,4-Dichlorobenzene	33		"	50.0	0.0	65.4	10-160		4.51	52	
1,4-Dioxane	930		"	1050	0.0	88.4	10-191		1.82	196	
2-Butanone	40		"	50.0	0.0	79.5	10-189		6.66	67	
2-Hexanone	31		"	50.0	0.0	61.2	10-181		10.8	60	
4-Methyl-2-pentanone	41		"	50.0	0.0	82.0	10-166		6.70	47	
Acetone	35		"	50.0	0.0	70.1	10-196		4.67	150	
Acrolein	1.1		"	50.0	0.0	2.22	10-192	Low Bias	29.2	128	
Acrylonitrile	39		"	50.0	0.0	77.4	13-161		10.4	48	
Benzene	42		"	50.0	0.0	84.1	43-139		3.36	64	
Bromochloromethane	47		"	50.0	0.0	93.4	38-145		1.49	30	
Bromodichloromethane	41		"	50.0	0.0	82.5	38-147		1.66	37	
Bromoform	45		"	50.0	0.0	90.3	29-156		3.91	51	
Bromomethane	43		"	50.0	0.0	85.5	10-166		6.28	42	
Carbon disulfide	34		"	50.0	0.29	68.3	10-131		0.205	36	
Carbon tetrachloride	43		"	50.0	0.0	85.6	35-145		0.140	31	
Chlorobenzene	40		"	50.0	0.0	79.9	21-154		2.25	32	
Chloroethane	47		"	50.0	0.0	94.0	15-160		0.898	40	
Chloroform	44		"	50.0	0.0	88.1	47-142		1.37	29	
Chloromethane	31		"	50.0	0.0	62.8	10-159		5.93	31	
cis-1,2-Dichloroethylene	42		"	50.0	0.0	84.0	42-144		0.333	30	
cis-1,3-Dichloropropylene	37		"	50.0	0.0	74.9	18-159		4.18	39	
Cyclohexane	34		"	50.0	0.0	68.9	70-130	Low Bias	0.524	30	
Dibromochloromethane	43		"	50.0	0.0	86.7	10-179		1.01	41	
Dibromomethane	41		"	50.0	0.0	81.7	47-143		4.03	41	
Dichlorodifluoromethane	20		"	50.0	0.0	40.2	10-145		6.42	34	
Ethyl Benzene	37		"	50.0	0.0	74.3	11-158		2.92	42	
Hexachlorobutadiene	19		"	50.0	0.0	38.9	10-158		9.82	45	
Isopropylbenzene	35		"	50.0	0.0	69.3	10-162		2.51	57	
Methyl acetate	45		"	50.0	0.0	90.2	10-149		9.85	64	
Methyl tert-butyl ether (MTBE)	45		"	50.0	0.0	89.9	42-152		1.55	47	
Methylcyclohexane	28		"	50.0	0.0	55.6	70-130	Low Bias	4.74	30	
Methylene chloride	44		"	50.0	1.4	85.9	28-151		0.279	49	

Volatile Organic Compounds 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 BC31624 - EPA 5035A											
Matrix Spike Dup (BC31624-MSD1)	*Source sample: 23C1302-01 (Drum 1)								Prepared & Analyzed: 03/24/2023		
n-Butylbenzene	27		ug/L	50.0	0.0	53.8	10-162		6.58	96	
n-Propylbenzene	33		"	50.0	0.0	66.6	10-155		0.479	56	
o-Xylene	39		"	50.0	0.0	77.3	10-158		0.233	51	
p- & m- Xylenes	73		"	100	0.0	73.1	10-156		4.22	47	
p-Isopropyltoluene	30		"	50.0	0.0	60.1	10-147		3.76	60	
sec-Butylbenzene	31		"	50.0	0.0	61.8	10-157		4.52	56	
Styrene	35		"	50.0	0.0	70.3	13-171		5.64	39	
tert-Butyl alcohol (TBA)	240		"	250	0.0	94.3	34-179		4.29	35	
tert-Butylbenzene	35		"	50.0	0.0	69.0	10-160		0.866	79	
Tetrachloroethylene	31		"	50.0	0.0	61.0	30-167		1.85	33	
Toluene	38		"	50.0	0.0	76.1	21-160		1.74	50	
trans-1,2-Dichloroethylene	39		"	50.0	0.0	78.9	29-153		1.46	30	
trans-1,3-Dichloropropylene	36		"	50.0	0.0	72.8	18-155		3.67	30	
trans-1,4-dichloro-2-butene	42		"	50.0	0.0	83.4	17-154		1.45	30	
Trichloroethylene	37		"	50.0	0.0	74.8	24-169		2.53	30	
Trichlorofluoromethane	44		"	50.0	0.0	88.0	35-142		1.93	30	
Vinyl Chloride	38		"	50.0	0.0	75.0	12-160		5.29	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.8*		*"*	*50.0*		*93.7*	*76-130*				

Polychlorinated Biphenyls by GC/ECD - 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 BC31759 - EPA 3550C											
Blank (BC31759-BLK2)									Prepared & Analyzed: 03/28/2023		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0468*		*"*	*0.0664*		*70.5*	*30-140*				
LCS (BC31759-BS2)									Prepared & Analyzed: 03/28/2023		
Aroclor 1016	0.248	0.0166	mg/kg wet	0.332		74.8	40-130				
Aroclor 1260	0.232	0.0166	"	0.332		69.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0518*		*"*	*0.0664*		*78.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0429*		*"*	*0.0664*		*64.5*	*30-140*				

Metals by ICP - 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 BC31886 - EPA 3050B											
Blank (BC31886-BLK1)										Prepared: 03/28/2023 Analyzed: 03/30/2023	
Arsenic	ND	1.04	mg/kg wet								
Barium	ND	1.73	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Lead	ND	0.348	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Duplicate (BC31886-DUP1)	*Source sample: 23C1472-02 (Duplicate)									Prepared: 03/28/2023 Analyzed: 03/30/2023	
Arsenic	ND	1.30	mg/kg dry		1.33					35	
Barium	157	2.16	"		138				12.8	35	
Cadmium	0.540	0.259	"		0.591				9.01	35	
Chromium	75.4	0.433	"		83.7				10.4	35	
Lead	48.7	0.433	"		44.0				10.2	35	
Selenium	ND	2.16	"		ND					35	
Silver	ND	0.436	"		ND					35	
Matrix Spike (BC31886-MS1)	*Source sample: 23C1472-02 (Matrix Spike)									Prepared: 03/28/2023 Analyzed: 03/30/2023	
Arsenic	185	1.30	mg/kg dry	208	1.33	88.5	75-125				
Barium	332	2.16	"	208	138	93.0	75-125				
Cadmium	5.30	0.259	"	5.19	0.591	90.8	75-125				
Chromium	169	0.433	"	20.8	83.7	412	75-125	High Bias			
Lead	101	0.433	"	51.9	44.0	110	75-125				
Selenium	81.0	2.16	"	208	ND	39.0	75-125	Low Bias			
Silver	ND	0.436	"	5.19	ND		75-125	Low Bias			
Post Spike (BC31886-PS1)	*Source sample: 23C1472-02 (Post Spike)									Prepared: 03/28/2023 Analyzed: 03/30/2023	
Arsenic	2.13		mg/L	2.00	0.013	106	75-125				
Barium	3.58		"	2.00	1.33	112	75-125				
Cadmium	0.060		"	0.0500	0.006	108	75-125				
Chromium	1.08		"	0.200	0.807	139	75-125	High Bias			
Lead	0.958		"	0.500	0.424	107	75-125				
Selenium	1.27		"	2.00	-0.503	63.5	75-125	Low Bias			
Silver	-0.071		"	0.0500	-0.103		75-125	Low Bias			

Metals by ICP - 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 BC31886 - EPA 3050B											
Reference (BC31886-SRM1)								Prepared: 03/28/2023 Analyzed: 03/30/2023			
Arsenic	222	1.04	mg/kg wet	183		121	69.9-130.1				
Barium	349	1.73	"	297		117	75.1-125.3				
Cadmium	259	0.208	"	221		117	75.1-124.9				
Chromium	227	0.348	"	200		114	70-130				
Lead	295	0.348	"	257		115	73.9-126.1				
Selenium	200	1.74	"	217		92.0	69.1-131.3				
Silver	72.1	0.350	"	67.8		106	70.6-129.2				
Batch BC31988 - EPA 3015A/1311											
Blank (BC31988-BLK1)								Prepared: 03/29/2023 Analyzed: 03/30/2023			
Arsenic	ND	0.017	mg/L								
Barium	ND	0.028	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.006	"								
Lead	ND	0.006	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								
LCS (BC31988-BS1)								Prepared: 03/29/2023 Analyzed: 03/30/2023			
Arsenic	1.73		ug/mL	2.00		86.3	80-120				
Barium	1.93		"	2.00		96.7	80-120				
Cadmium	0.044		"	0.0500		88.3	80-120				
Chromium	0.185		"	0.200		92.4	80-120				
Lead	0.455		"	0.500		91.1	80-120				
Selenium	1.43		"	2.00		71.7	80-120	Low Bias			
Silver	0.046		"	0.0500		92.2	80-120				

Metals by ICP - 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 BC31988 - EPA 3015A/1311											
Duplicate (BC31988-DUP1)	*Source sample: 23C1557-06 (Duplicate)								Prepared: 03/29/2023 Analyzed: 03/30/2023		
Arsenic	ND	0.375	mg/L		ND					20	
Barium	ND	0.625	"		ND					20	
Cadmium	ND	0.075	"		ND					20	
Chromium	ND	0.125	"		ND					20	
Lead	ND	0.125	"		ND					20	
Selenium	ND	0.625	"		ND					20	
Silver	ND	0.125	"		ND					20	
Leach Fluid Blank (BC31988-LBK1)									Prepared: 03/29/2023 Analyzed: 03/30/2023		
Arsenic	ND	0.375	mg/L								
Barium	ND	0.625	"								
Cadmium	ND	0.075	"								
Chromium	ND	0.125	"								
Lead	ND	0.125	"								
Selenium	ND	0.625	"								
Silver	ND	0.125	"								
Matrix Spike (BC31988-MS1)	*Source sample: 23C1557-06 (Matrix Spike)								Prepared: 03/29/2023 Analyzed: 03/30/2023		
Arsenic	40.9	0.375	mg/L	50.0	ND	81.9	75-125				
Barium	45.3	0.625	"	50.0	ND	90.6	75-125				
Cadmium	1.02	0.075	"	1.25	ND	81.8	75-125				
Chromium	4.30	0.125	"	5.00	ND	86.1	75-125				
Lead	10.6	0.125	"	12.5	ND	84.4	75-125				
Selenium	39.1	0.625	"	50.0	ND	78.1	75-125				
Silver	1.02	0.125	"	1.25	ND	81.3	75-125				
Post Spike (BC31988-PS1)	*Source sample: 23C1557-06 (Post Spike)								Prepared: 03/29/2023 Analyzed: 03/30/2023		
Arsenic	1.80		ug/mL	2.00	-0.052	90.0	75-125				
Barium	1.85		"	2.00	0.432	70.9	75-125	Low Bias			
Cadmium	0.045		"	0.0500	0.007	75.8	75-125				
Chromium	0.178		"	0.200	-0.003	88.8	75-125				
Lead	0.465		"	0.500	-0.011	93.1	75-125				
Selenium	1.72		"	2.00	0.189	76.3	75-125				
Silver	0.031		"	0.0500	-0.012	62.8	75-125	Low Bias			

Mercury by EPA 7000/200 Series Methods - 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 BC32012 - EPA SW846-7470A											
Blank (BC32012-BLK1)								Prepared & Analyzed: 03/30/2023			
Mercury	ND	0.000200	mg/L								
Blank (BC32012-BLK2)								Prepared & Analyzed: 03/30/2023			
Mercury	ND	0.000200	mg/L								
LCS (BC32012-BS1)								Prepared & Analyzed: 03/30/2023			
Mercury	0.00209	0.000200	mg/L	0.00200		105	80-120				
LCS (BC32012-BS2)								Prepared & Analyzed: 03/30/2023			
Mercury	0.00203	0.000200	mg/L	0.00200		102	80-120				
Batch BC32070 - EPA 7473 soil											
Blank (BC32070-BLK1)								Prepared & Analyzed: 03/30/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC32070-DUP1)	*Source sample: 23C1302-01 (Drum 1)							Prepared & Analyzed: 03/30/2023			
Mercury	0.333	0.0308	mg/kg dry		0.441				27.9	35	
Matrix Spike (BC32070-MS1)	*Source sample: 23C1302-01 (Drum 1)							Prepared & Analyzed: 03/30/2023			
Mercury	0.740		mg/kg	0.500	0.429	62.2	75-125	Low Bias			
Reference (BC32070-SRM1)								Prepared & Analyzed: 03/30/2023			
Mercury	31.387		mg/kg	27.2		115	59.9-140.1				

Wet Chemistry Parameters - 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 BC31600 - Analysis Preparation											
Duplicate (BC31600-DUP1)	*Source sample: 23C1224-09 (Duplicate)								Prepared & Analyzed: 03/23/2023		
pH	6.86	0.500	pH units		6.91				0.726	10	
Temperature	22.3	1.00	°C		21.9				1.81	200	
Batch BC31674 - Analysis Preparation											
Blank (BC31674-BLK1)									Prepared & Analyzed: 03/24/2023		
Reactivity - Cyanide	ND	0.250	mg/kg								
Batch BC31675 - Analysis Preparation											
Blank (BC31675-BLK1)									Prepared & Analyzed: 03/24/2023		
Reactivity - Sulfide	ND	15.0	mg/kg								
Duplicate (BC31675-DUP1)	*Source sample: 23C1343-01 (Duplicate)								Prepared & Analyzed: 03/24/2023		
Reactivity - Sulfide	ND	15.0	mg/kg		96.0					50	

Miscellaneous Physical Parameters - 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 BC32005 - % Solids Prep											
Duplicate (BC32005-DUP1)	*Source sample: 23C1681-03 (Duplicate)							Prepared & Analyzed: 03/30/2023			
% Solids	88.2	0.100	%		87.6				0.767	20	

Leachate Preparations - 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 BC31700 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BC31700-BLK1)											Prepared: 03/25/2023 Analyzed: 03/26/2023
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23C1302-01	Drum 1	8 oz. WM Clear Glass Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
IGN-01	Non-Ignit.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed

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.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (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.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YORK Project No. 23C1302

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PG Environmental	Company: S	Company: S		RUSH - Next Day
Address: 175 Commerce Drive	Address: 4	Address: A	YOUR Project Name: 567 Main Street Westbury, NY	RUSH - Two Day
Phone:	Phone: M	Phone: M		RUSH - Three Day
Contact: Carla	Contact: E	Contact: E		RUSH - Four Day
E-mail: Carla@pgenviro.com	E-mail:	E-mail:	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 AND sign your name) Carla Alvino

Matrix Codes

- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

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	NYSDEC EQuIS
NY ASP B Package	Deliverables	NJDEP SRP HazSite
	NJDKQP	Other:

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Drum 1	S	3/22/2023 1PM	8260, BCB, TCLP, RCRA METALS R, I, C	8oz jar (2) 8oz jar

Comments:

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/22/2023	Patty Els York	3/22/23 14:52 once	[illegible] / York	3/23/23 1200
3. Samples Relinquished by / Company	Date/Time	2. Samples Received by / Company	Date/Time	3. Samples Received by / Company	Date/Time
K Barkyork	3/23/23 12PM	K Barkyork	3/23/23 16:30		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				A Rogan	3/23/23 16:30 4.5 Degrees C

Appendix E

Imported Material Information

SALES RECEIPT / INVOICE

STATE MATERIAL MASON SUPPLY
243 Grand Blvd.
Westbury NY 11590
PHONE: 516-333-1979
FAX: 516-333-7796

Ticket # 1247731

Customer: WALK IN — WI

Ship To:

Drawer: 1 User: JS Sls: 0 - P/O: Verbal 03/03/23 12:[illegible]5

ITEM	U/M	QTY	PRICE
C11	YD	1.50	82.7[illegible]
GRAVEL 3/4 COMMERCIAL (YD)			124.1[illegible]

Cash	0.00	
Card	134.84	
Check	0.00	Ord# ****0243 128
Gift Cpn/Mst	0.00	Amount: 134.84
Store Credit	0.00	Auth# 08362J

Sub-Total	124.[illegible]
Disc	0.0[illegible]
Freight	0.0[illegible]
Tax (N)	[illegible]
TOTAL	134.8[illegible]
Change Due	0.0[illegible]

Customer: WALK IN

ALL SALES FINAL
NO RETURNS
NO EXCHANGES
NO REFUNDS
INSPECT ALL ITEMS BEFORE LEAVING

Terminal ID XXXXXXXXXXXXXX
Trans. ID 005000173854
Order ID 01247731 3555
Receipt # 01247731
Trans Type .... *Purchase*
Date/Time .... 2023-03-03 [illegible]

Appendix F

Environmental Easement

H.D.P. Printing Industries Corp.
2459 Broadmoor Lane
Spring Hill, New York 22406

June 27, 2024
Hon. Jennifer DeSena
Supervisor
Town of North Hempstead
220 Plandome Road
Manhasset, New York 11030

Re: Environmental Easement

Dear Supervisor DeSena:

Attached please find a copy of an environmental easement granted to the New York State Department of Environmental Conservation ("Department")

on June 24, 2024
by H.D. P. Printing Industries Corp.
for property at 567 Main Street, Westbury, New York 11590
Tax Map No. Section 11, Block 164, Lot 68
DEC Site No: 130043B

This Environmental Easement restricts future use of the above-referenced property to commercial uses. Any on-site activity must be done in accordance with the Environmental Easement and the Site Management Plan which is incorporated into the Environmental Easement. Department approval is also required prior to any ground water use.

Article 71, Section 71-3607 of the New York State Environmental Conservation Law requires that:

1. Whenever the department is granted an environmental easement, it shall provide each affected local government with a copy of such easement and shall also provide a copy of any documents modifying or terminating such environmental easement.

2. Whenever an affected local government receives an application for a building permit or any other application affecting land use or development of land that is subject to an environmental easement and that may relate to or impact such easement, the affected local government shall notify the department and refer such application to the department. The department shall evaluate whether the application is consistent with the environmental easement and shall notify the affected local government of its determination in a timely fashion, considering the time frame for the local government's review of the application. The affected local

government shall not approve the application until it receives approval from the department.

An electronic version of every environmental easement that has been accepted by the Department is available to the public at: http//www.dec.ny.gov/chemical/36045.html. Please forward this notice to your building and/or planning departments, as applicable, to ensure your compliance with these provisions of New York State Environmental Conservation Law. If you have any questions or comments regarding this matter, please do not hesitate to contact me.

Very truly yours,

Richard D. Degenhardt

Richard Degenhardt, President
H.D.P. Printing Industries Corp.

Letters HDP 624revised

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Hon. Jennifer DeSena
Supervisor
Town of North Hempstead
220 Plandome Road
Manhasset, New York 11030

9590 9402 8719 3310 8846 86

2. Article Number *(Transfer from service label)*

7012 1640 0000 8166 9472

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
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- ☐ Priority Mail Express®
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- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

|| Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

CERTIFIED MAIL™

7012 1640 0000 8166 9472

H.D.P. Printing Industries Corp.
2459 Broadmoor Lane
Spring Hill, New York 22406

Hon. Jennifer DeSena
Supervisor
Town of North Hempstead
220 Plandome Road
Manhasset, New York 11030

7012 1640 0000 8166 9472

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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OFFICIAL USE

Manhasset, NY 11030

Postage	$ $4.85	0791
Certified Fee	$4.10	09
Return Receipt Fee (Endorsement Required)	$0.00 $0.00	Postmark Here
Restricted Delivery Fee (Endorsement Required)	$0.00 $0.00	
$2.05		
Total Postage & Fees	$ $10.99	07/15/2024

USPS SYOSSET NY 11791 JUL 15 2024

Sent To Hon. Jennifer DeSena

Street, Apt. No.; or PO Box No. 220 Plandome Road

City, State, ZIP+4 Manhasset NY 11030

PS Form 3800, August 2006 See Reverse for Instructions

**** Electronically Filed Document ****

Instrument Number:	2024-41019	Originator	CORPORATION SERVICE COMPANY
Recorded As:	EX-D06 - DEED AGREEM		
Recorded On:	July 09, 2024		
Recorded At:	11:02:30 am	Receipt Number:	3221176
Number of Pages:	11	Processed By:	001 MAC
Book-VI/Pg:	Bk-D VI-14515 Pg-217		
Total Rec Fee(s):	$400.00		

** Examined and Charged as Follows **

06 - DEED AGREEMENT	$ 95.00	EX-Blocks - Deeds - $300	$ 300.00	EX-TP-584 Affidavit Fee	$ 5.00

	Tax Amount	Consid Amt	RS#/CS#		
Tax-Transfer N. HEMPSTEAD	$ 0	$ 0	RE 21804	Basic	$ 0.00
				Local NY CITY	$ 0.00
				Additional MTA	$ 0.00
				Spec ASST	$ 0.00
				Spec ADDL SONYMA	$ 0.00
				Transfer	$ 0.00
Tax Charge:	$ 0				

Property Information:

Section	Block	Lot	Unit	Town Name
11	164	68		N. HEMPSTEAD

**********THIS PAGE IS PART OF THE INSTRUMENT **********

Any provision herein which restricts the Sale, Rental or use of the described REAL PROPERTY because of color or race is invalid and unenforceable under federal law.

NASSAU COUNTY STATE OF NEW YORK

Maureen O'Connell

County Clerk Maureen O'Connell

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 24th day of June, 2024, between Owner, H.D.P. Printing Industries Corp., having an office at 2459 Broadmoar Lane, Spring Hill, County of Hernando, State of Florida (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

5-11
B-164
L-68

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 567 Main Street in the Village of Westbury, County of Nassau and State of New York, known and designated on the tax map of the County Clerk of Nassau as tax map parcel number: Section 11 Block 164 Lot 68, being the same as that property conveyed to Grantor by deed dated May 27, 1977 and recorded in the Nassua County Clerk's Office in Liber and Page 9038/151. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.21 +/- acres, and is hereinafter more fully described in the Land Title Survey dated November 17, 2023, prepared by Peter J. Brabazon, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Order on Consent Index Number: CO 1-20201229-205, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Nassau County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential or Restricted Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i) and (ii), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a

defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: 130043B
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

H.D.P. Printing Industries Corp.:

By: Richard A. Degenhardt

Print Name: RICHARD A DEGENHARDT

Title: PRESIDENT Date: 6.13.24

Grantor's Acknowledgment

STATE OF FLORIDA)
) ss:
COUNTY OF HERNANDO)

On the 13th day of June, in the year 2024, before me, the undersigned, personally appeared Richard A Degenhardt, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Migdalia Ortiz

Notary Public ~~State of New York~~ Florida

MIGDALIA ORTIZ
Notary Public - State of Florida
Commission # HH 132749
My Comm. Expires May 23, 2025
Bonded through National Notary Assn.

SCHEDULE "A" PROPERTY DESCRIPTION

ALL that certain plot, piece or parcel of land, situate, lying and being at Westbury, Town of North Hempstead, County of Nassau and State of New York, known and designated as Lots Nos. 38, 39 and 40 and part of Lot 37 in Block 51 on map entitled, "2nd Map of the City of New Cassel, Queens County, L.I., surveyed August 1891, by William E. Hawxhurst, C.E." and filed in the Office of the Clerk of the County of Queens on April 22, 1892 under Map No. 256, filed in the Office of the County Clerk of Nassau as File No. 3, Case No. 14, being more particularly bounded and described as follows:

BEGINNING at the corner formed by the intersection of the easterly side of Swalm Avenue with the northerly side of Main Street;

RUNNING THENCE from said point of beginning along the easterly side of Swalm Avenue, North 1 degree 00 minutes East, a distance of 125.00 feet;

RUNNING THENCE South 89 degrees 00 minutes East, a distance of 59.00 feet;

RUNNING THENCE South 31 degrees 37 minutes 10 seconds East, a distance of 29.68 feet;

RUNNING THENCE South 1 degree 00 minutes West, a distance of 100.00 feet to the northerly side of Main Street; and

THENCE along the northerly side of Main Street, North 89 degrees 00 minutes West, a distance of 75.00 feet to the point or place of BEGINNING.

Appendix G

Questionnaire and Building Inventory

Photos of Chemicals Observed

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

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

Preparer's Name Karen Tyll Date/Time Prepared 2/27/23

Preparer's Affiliation Env. Consultant Phone No. 6316646477

Purpose of Investigation SSDS Performance Monitoring

1. OCCUPANT:

Interviewed: Y / N

Last Name: Secorr First Name: Sam

Address: 567 Main Street, Westbury, NY

County: Nassau

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location ~4 Age of Occupants 20-50

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

Interviewed: Y / N

Last Name: _____First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

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

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

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

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Mechanic, automobile outfitter

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

Other characteristics:

Number of floors 1 Building age_____

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

4. AIRFLOW

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

N/A

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

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

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other small for utilities _____
c. Basement floor:	(concrete)	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with concrete	
e. Concrete floor:	unsealed	sealed	sealed with office has tiles	
f. Foundation walls:	poured	(block)	stone	other n/a
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	(unfinished)	partially finished	
j. Sump present?	Y / (N)			
k. Water in sump?	Y / N / (not applicable)			

Basement/Lowest level depth below grade: 6 (feet)

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

none observed. intact tile floor in office and competent concrete floor in shop area

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

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

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

The primary type of fuel used is:

Natural Gas	(Fuel Oil)	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: HWH in small cellar

Boiler/furnace located in:	(Basement)	Outdoors	Main Floor	Other_____
Air conditioning:	(Central Air)	Window units	Open Windows	None

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

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

n/a

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom (Almost Never) utilities only

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	none
1st Floor	automotive
2nd Floor	none
3rd Floor	none
4th Floor	none

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

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

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

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA Please specify automobile repair shop

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

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

f. Is there a workshop or hobby/craft area? (Y) / N Where & Type? _____

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

h. Have cleaning products been used recently? (Y) / N When & Type? mopped floor previous week

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

j. Has painting/staining been done in the last 6 months? (Y)/ N Where & When? 1 month ago

k. Is there new carpet, drapes or other textiles? Y /(N) Where & When? _____

l. Have air fresheners been used recently? Y /(N) When & Type? _____

m. Is there a kitchen exhaust fan? Y /(N) If yes, where vented?_____

n. Is there a bathroom exhaust fan? (Y)/ N If yes, where vented? outside wall

o. Is there a clothes dryer? (Y)/ N If yes, is it vented outside? (Y)/ N

p. Has there been a pesticide application? Y /(N) When & Type?_____

Are there odors in the building? (Y)/ N
If yes, please describe: automibile fluids

Do any of the building occupants use solvents at work? (Y) N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? brake cleaner/safety kleen degreser

If yes, are their clothes washed at work? Y (N)

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? (Y) N Date of Installation: SSDS Present
Is the system active or passive? (Active)/Passive installed February/March 2023

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: n/a

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

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

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

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

n / a

First Floor:

see attached

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

see attached

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Shelf	Permatex Lubricant	8oz	U	Acetone, naptha (petroleum) hydrotreated light		Y
Shelf	Motor Medic Thrust Starting Fluid	33 oz	U	heptane, ethane,napthenic (petroleum) light and heavy		Y
Shelf	SuperS Grease	42 oz	U	Petroleum distillates,Lithium Hydroxide, Monohydrate, Sebacic Acid		Y
Shelf	RedLine Power Steering Fluid	1 qt	U	zinc		Y
Shelf	Lube Guard Power Steering Fluid	32 oz	U	Lubricating oils, refined used		Y
Shelf	SuperS Brake Fluid	2 qt	U	Triethylene glycol, monobutyl ether, Diethylene glycol, Diethylene glycol monobutyl ether ,Ethanol, 2-(2-propoxyethoxy)-		Y
Shelf	Gunk Brake Parts Cleaner	28 oz	U	2-PROPANONE, Heptane		Y
Shelf	Blaster Penetrating Fluid	22 oz	U	distillates(petroleum) hydrotreated light, Solvent naphtha (petroleum), heavy UN1270 Not available 64742-94-5 20 - 30aromatic, Distillates (petroleum), hydrotreated Not available Not available 64742-52-5 20 - 30heavy naphthenic, napthalene, & Dinonylphenol, ethoxylated, phosphated		Y
Shelf	Coolants	4 gal	UO			Y
Shelf	Motor Oils	36 qts	UO	Petroleum distillates, solvent dewaxed,heavy paraffinic, Distillates, petroleum, hydrotreated heavy paraffinic, Pariffin Oils, Phosphorodithioic acid		Y
on floor	Crystal Clean 142 Mineral Spirits	55 gal	U	Distillates (petroleum), hydrotreated light		Y
Shelf	Wolfs head Synthetic Transmission Oil	10 qts	UO	Lubricating Oils (petroleum), Distillates Hydrotreated Heavy Parrafin, Distillates (petroleum), hydrotreated light paraffinic, Alkyl acetamide		Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.


5W-20
5W-20
5W-30
TRANSMISSION
COOLANT


PENETRATING
CATALYST
#1 SELLING PENETRANT


DANGER: CONTENTS UNDER PRESSURE.
Do not puncture or incinerate container.
Do not expose to heat or store at
temperatures above 120°F.
BREATHING HAZARD: Use only in a
well-ventilated area. Do not breathe vapor
or spray mist. Sensitive individuals may
find odor offensive. DELIBERATE OR
DIRECT INHALATION OF VAPOR OR
SPRAY MIST CAN BE HARMFUL OR FATAL.
FIRST AID: Ingestion: CONTAINS
PETROLEUM DISTILLATES. If swallowed,
do not induce vomiting. Call physician
immediately. Eye Contact: Immediately
flush eyes with large amounts of water
for 15 minutes. Skin Contact: Wash with
soap and water. Inhalation (breathing):
Remove to fresh air. Give artificial
respiration or oxygen, if necessary.
WARNING: This product can expose
you to chemicals including
Naphthalene, which is known to the
State of California to cause cancer.
For more information go to
www.P65Warnings.ca.gov.

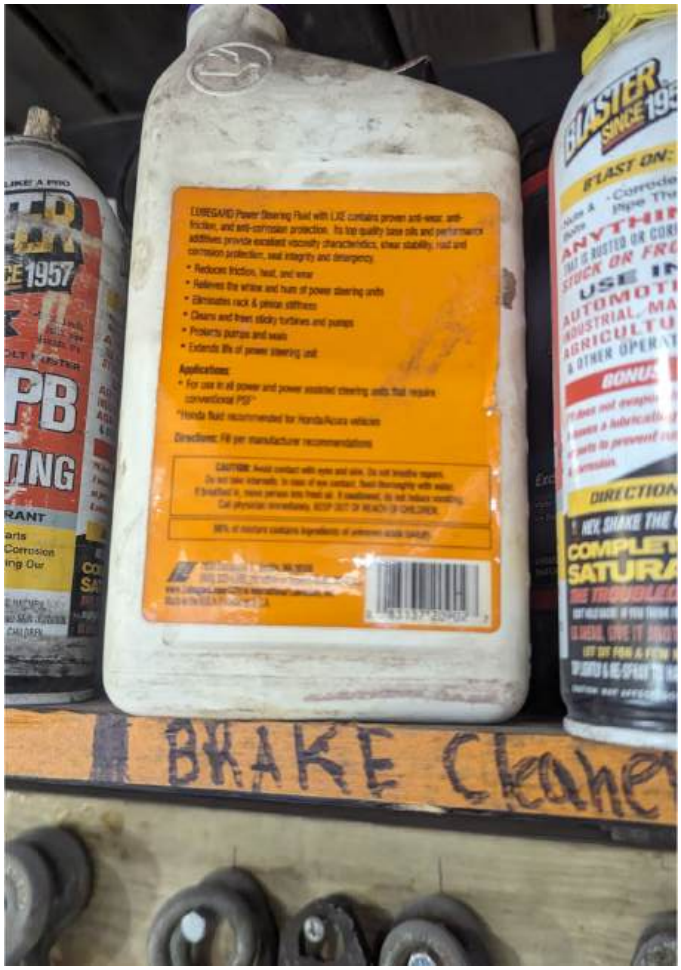

LUBEGARD
COMPLETE
POWER STEERING
FLUID
MULTI-VEHICLE FORMULA
BLASTER
PB
DIRECTIONS
BRAKE


INSTANTLY
Cleans faster
Dries quickly
No residue
No chlorinated solvents
Removes brake dust
Powerful spray pattern
DANGER
DO NOT SWALLOW


GUNK
Brake Parts Cleaner
NON-CHLORINATED
Fast drying, leaves no residue
NET WT 14 OZ


SuperS
BRAKE FLUID
For Drum & Disc Brakes
Exceeds DOT 3 Motor Vehicle
No chlorinated solvents
Removes brake dust
Powerful spray pattern

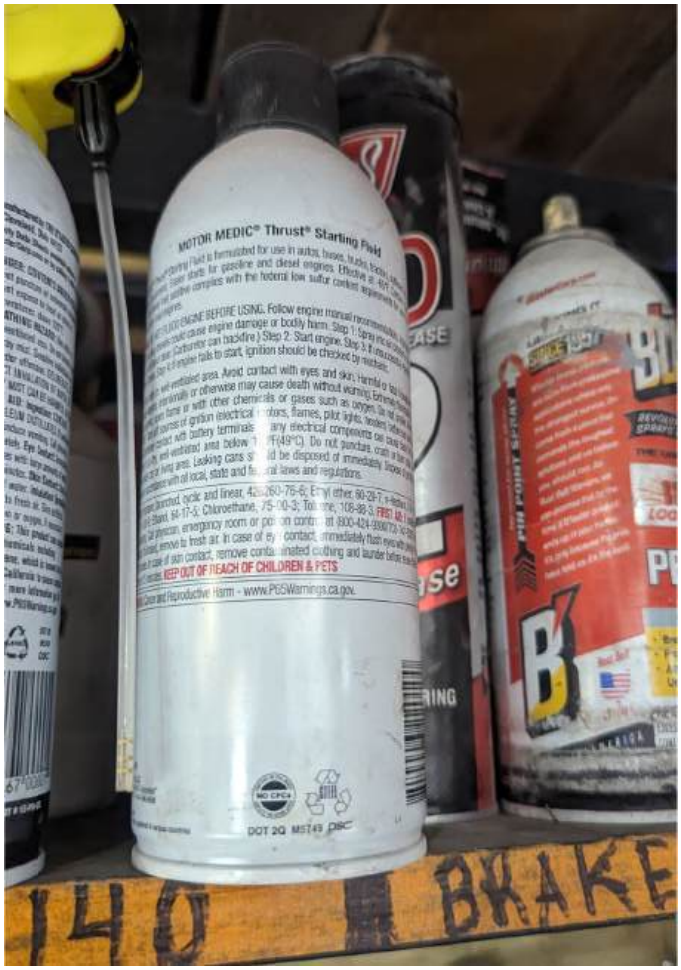

LUBEGARD
COMPLETE
POWER STEERING FLUID
MULTI-VEHICLE FORMULA
32 FL OZ (1 Quart / 946 mL)
BRAKE Cleane


BRAKE Cleaner
BLASTER

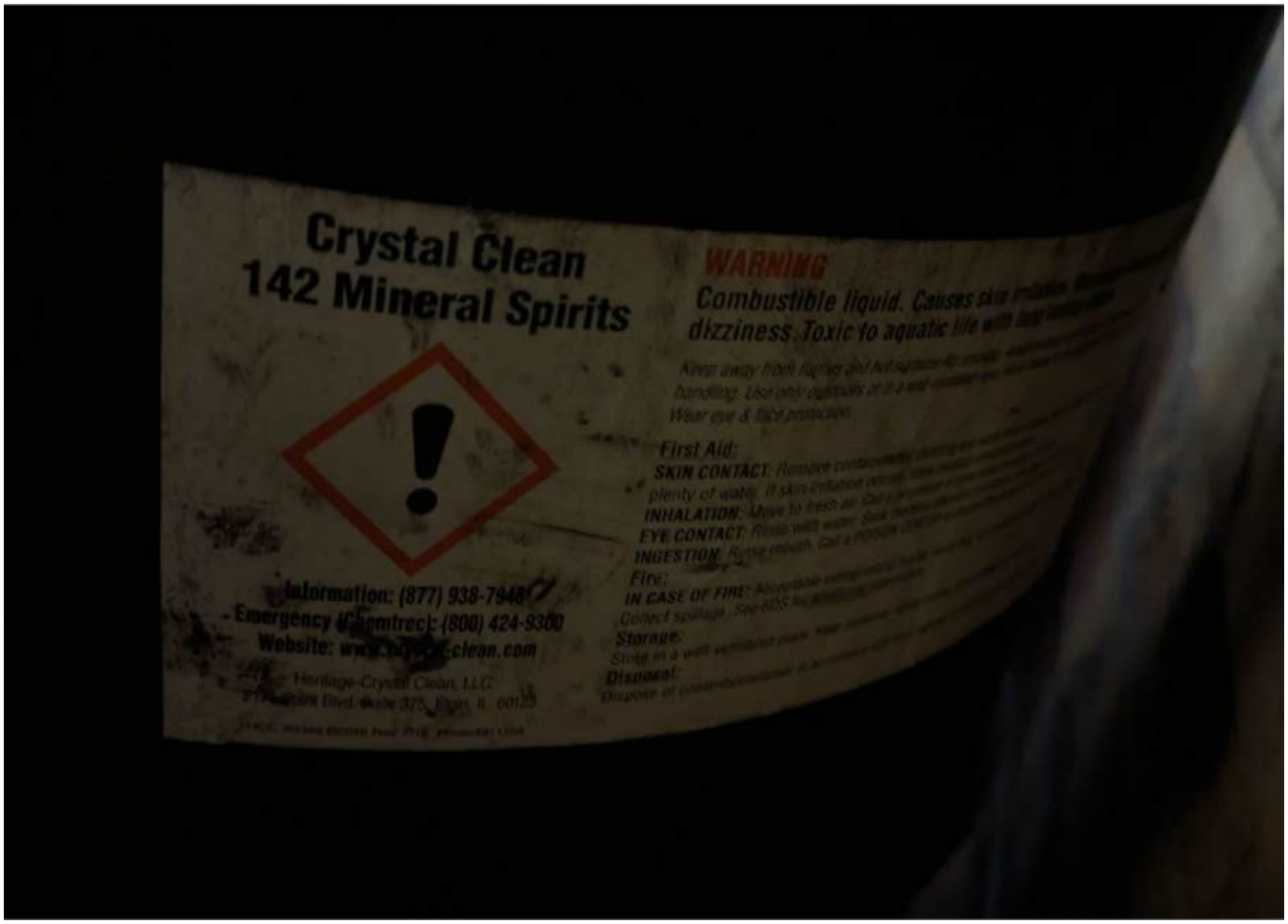

RED LINE
SYNTHETIC OIL
FULL SYNTHETIC
ENTIÈREMENT SYNTHÉTIQUE
POWER STEERING FLUID
1 U.S. Quart - 946 mL
LXE


Super S
TEMP
RED
BEARING GREASE
#2
Lithium Grease
DRUM, WHEEL BEARING
& CHASSIS GREASE
Net WT. 14OZ (397 g)


MOTOR MEDIC
Thrust
Starting Fluid
GAS AND DIESEL ENGINES
Quick Start In Extreme Cold Conditions
Effective to -65°F
NET 11 FL OZ (311 g)


MOTOR MEDIC® Thrust® Starting Fluid
DOT 2Q MS749 DSC
BRAKE


Permatex
Aluminum
Lubricante Antiaferrante Aluminio
NET 8 FL OZ. / CONT. 236 mL


Crystal Clean
142 Mineral Spirits
WARNING
Combustible liquid. Causes skin
dizziness. Toxic to aquatic life
First Aid:
SKIN CONTACT:
INHALATION:
EYE CONTACT:
INGESTION:
Fire:
IN CASE OF FIRE:
Storage:
Disposal:
Information: (877) 938-7948
Emergency (Chemtrec): (800) 424-9300
Website:

Appendix H

SSDS Performance Assessment Report

March 28, 2024

March 28, 2024

Mr. Joe Jones
Project Manager
Division of Environmental Remediation
50 Circle Road, Stony Brook, NY 11790

Re: SSDS Performance Assessment Report
Site # 130043B
567 Main Street, Westbury, New York

Dear Mr. Jones:
Tyll Engineering and Consulting, PC (TEC) has prepared this report to summarize the soil vapor sampling at the above referenced property in accordance with the SSDS Performance Assessment Work Plan and approved by the NYSDEC on February 5, 2024.

Background
As per the January 2023 Sub-Slab Depressurization Workplan, engineering controls in the form of a sub-slab depressurization system (SSDS) have been installed at the site since March 2023 to maintain acceptable indoor air quality. The system was put in operation on March 6, 2023 and has been in continuous operation since. Since the SSDS was installed, the tenant has added an epoxy coating to the concrete floor.

Methodology
As per the SSDS Performance Assessment Work Plan dated December 20, 2023 (and approved by the NYSDEC on February 5, 2024), the performance monitoring was completed on February 27, 2024. The SSDS system was in operation during the sampling event.

All samples were collected using 6.0 Liter SUMMA canisters with regulators calibrated to fill over a period of eight hours. The two Summa canisters were opened and sampling of the indoor air began early the morning of February 27th. The outside (ambient air) canister was set on a pail outside the rear door of the building. This location borders many automotive and industrial use facilities.

Canister Field Sampling logs are included as Attachment A and representative photos are included in Attachment B. Many vehicles in many forms of repair were inside the building and many petroleum based and other fluids used in vehicle repair were observed throughout the facility. The NYSDOH IAQ and Building Inventory is included in Attachment E.

The samples were picked up by lab courier and brought to Alpha Analytical Laboratories, Mansfield, MA (NYSDOH ELAP #11627). EPA Method TO-15 SIM and TO-15 Low Level for the five requested compounds (below 0.20 ug/m^3) was used to analyze the air samples.

The pressures were measured with a digital pressure meter at 3 of the 4 vacuum monitoring points that were installed along with the SSDS system. One of the points was covered by the epoxy coating and we were unable to locate it. The measured pressures are included on Figure 1.

Results

The laboratory report is provided in Attachment C and the results in ug/m^3 are summarized on Table 1. There were detections of many analytes (not from the NYSDOH Decision Matrices) observed in both indoor and outdoor air samples. Of the eight analytes that are featured on the NYSDOH Decision Matrices A, B, and C, there were only minor detections of Carbon tetrachloride and PCE in the outdoor and indoor air samples.

The Data Usability Summary Report for the soil vapor results will be included in Attachment D once received. EQUIS will be submitted as soon as possible.

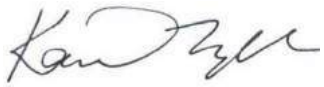
Conclusions

The facility is an automobile repair and modification facility for Jeeps. During the inspection, many vehicles in various states of repair were observed along with shelves of automobile repair/maintenance fluids along with a Safety Kleen degreaser pan on top of a 55 gallon drum (mineral spirits).

We believe that the SSDS system is operating as designed and the potential for SVI has been greatly reduced.

Please let me know if you have any questions.

Sincerely,
TYLL ENGINEERING AND CONSULTING, PC



Karen G. Tyll, PE
President

eCC Richard Roenbeck & Richard Degenhardt , HDP Printing
Kenneth Robinson, Esq.
Richard Mustico, NYSDEC
Bob Corcoran, NYSDEC
Alali Tamuno, NYSDEC
Sara Bogardus, NYSDOH
Charlotte Bethoney, NYSDOH

TABLES

TABLE 1
SSDS PERFORMANCE ASSESMENT
TO-15 LL/SIM Analysis
567 Main Street, Westbury, New York

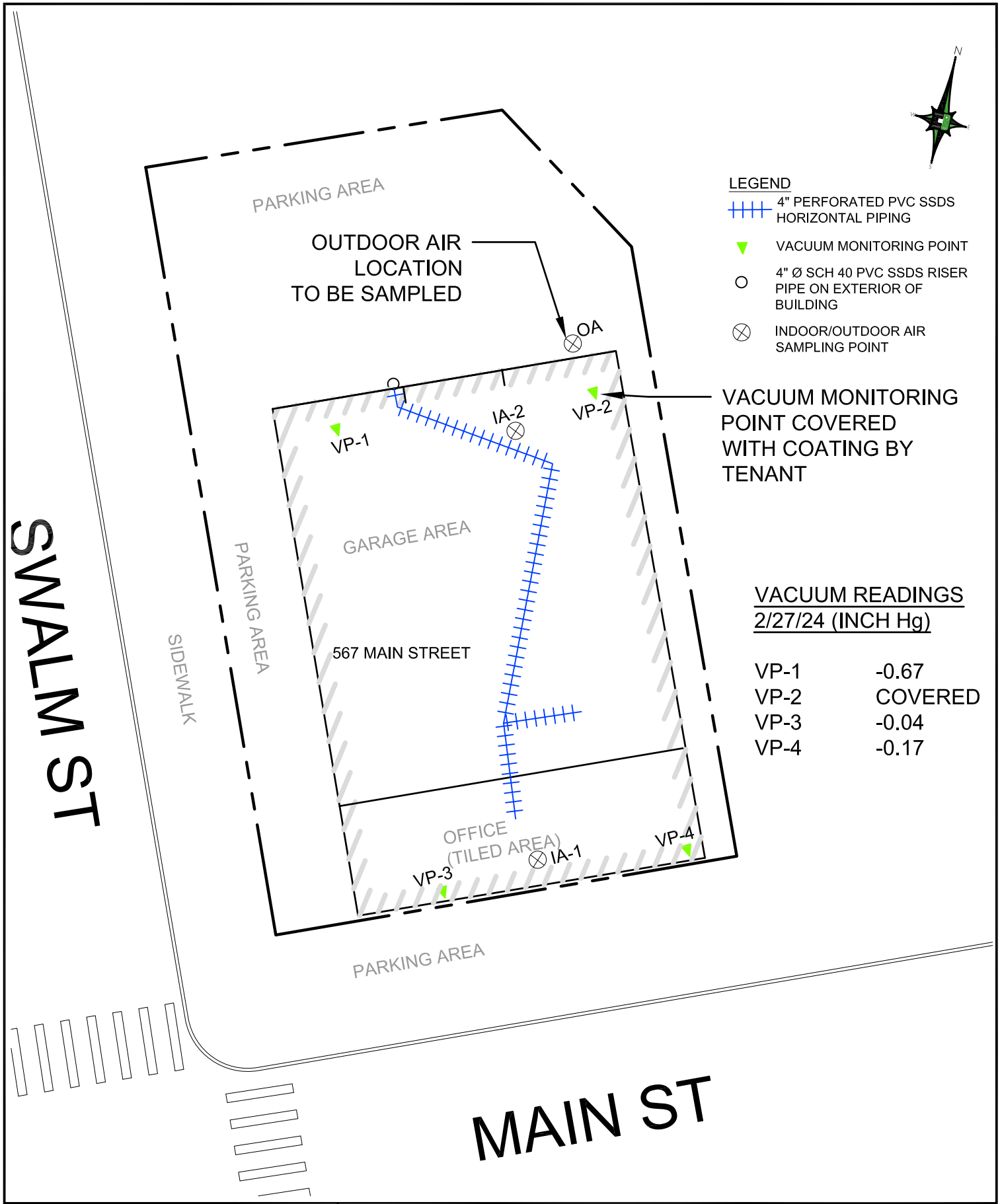
LOCATION	**OA-1**	**IA-2**	**IA-3**
SAMPLING DATE	27-Feb-24	27-Feb-24	27-Feb-24
Lab Sample ID	L2410535-01	L2410535-02	L2410535-03
	ug/m3	ug/m3	ug/m3
PARAMETER			
1,1,1-Trichloroethane	<0.109	<0.109	<0.109
1,1,2,2-Tetrachloroethane	<1.37	<1.37	<1.37
1,1,2-Trichloroethane	<1.09	<1.09	<1.09
1,1-Dichloroethane	<0.809	<0.809	<0.809
1,1-Dichloroethene	<0.079	<0.079	<0.079
1,2,4-Trichlorobenzene	<1.48	<1.48	<1.48
1,2,4-Trimethylbenzene	<0.983	134	57
1,2-Dibromoethane	<1.54	<1.54	<1.54
1,2-Dichlorobenzene	<1.20	<1.20	<1.20
1,2-Dichloroethane	<0.809	<0.809	<0.809
1,2-Dichloropropane	<0.924	<0.924	<0.924
1,3,5-Trimethylbenzene	<0.983	28.1	13.3
1,3-Butadiene	<0.442	<0.442	<0.442
1,3-Dichlorobenzene	<1.20	<1.20	<1.20
1,4-Dichlorobenzene	<1.20	<1.20	<1.20
1,4-Dioxane	<0.721	<0.721	<0.721
2,2,4-Trimethylpentane	<0.934	6.87	2.39
2-Butanone	1.75	133	94.4
2-Hexanone	<0.820	<0.820	<0.820
3-Chloropropene	<0.626	<0.626	<0.626
4-Ethyltoluene	<0.983	14.4	7.08
4-Methyl-2-pentanone	<2.05	4.92	2.49
Acetone	105	461	292
Benzene	0.795	6.33	2.45
Benzyl chloride	<1.04	<1.04	<1.04
Bromodichloromethane	<1.34	<1.34	<1.34
Bromoform	<2.07	<2.07	<2.07
Bromomethane	<0.777	<0.777	<0.777
Carbon disulfide	<0.623	<0.623	<0.623
Carbon tetrachloride	0.459	0.459	0.453
Chlorobenzene	<0.921	<0.921	<0.921
Chloroethane	<0.528	<0.528	<0.528
Chloroform	<0.977	<0.977	<0.977
Chloromethane	1.19	1.36	1.06
cis-1,2-Dichloroethene	<0.079	<0.079	<0.079
cis-1,3-Dichloropropene	<0.908	<0.908	<0.908

TABLE 1
SSDS PERFORMANCE ASSESMENT
TO-15 LL/SIM Analysis
567 Main Street, Westbury, New York

LOCATION	**OA-1**	**IA-2**	**IA-3**
SAMPLING DATE	27-Feb-24	27-Feb-24	27-Feb-24
Lab Sample ID	L2410535-01	L2410535-02	L2410535-03
	ug/m3	ug/m3	ug/m3
Cyclohexane	<0.688	6.02	2.09
Dibromochloromethane	<1.70	<1.70	<1.70
Dichlorodifluoromethane	2.25	2.35	2.26
Ethanol	<9.42	108	53.1
Ethyl Acetate	<1.80	22.3	11.4
Ethylbenzene	1.28	185	93.8
Freon-113	<1.53	<1.53	<1.53
Freon-114	<1.40	<1.40	<1.40
Heptane	<0.820	10	3.43
Hexachlorobutadiene	<2.13	<2.13	<2.13
Isopropanol	1.31	25.1	17.1
Methyl tert butyl ether	<0.721	<0.721	<0.721
Methylene chloride	<1.74	<1.74	<1.74
Naphthalene	<1.05	3.32	1.54
n-Hexane	0.842	19.5	6.34
o-Xylene	1.2	238	121
p/m-Xylene	3.87	612	353
Styrene	<0.852	74.5	37.9
Tertiary butyl Alcohol	<1.52	2.77	2.29
Tetrachloroethene	0.617	0.8	0.671
Tetrahydrofuran	<1.47	<1.47	<1.47
Toluene	27.6	211	108
trans-1,2-Dichloroethene	<0.793	<0.793	<0.793
trans-1,3-Dichloropropene	<0.908	<0.908	<0.908
Trichloroethene	<0.107	<0.107	<0.107
Trichlorofluoromethane	<1.12	<1.12	<1.12
Vinyl bromide	<0.874	<0.874	<0.874
Vinyl chloride	<0.051	<0.051	<0.051

Highlighted means one of the eight analytes assigned to NYSDOH Soil Vapor/Indoor Air Matricies A, B, or C

FIGURES



VACUUM READINGS 2/27/24 (INCH Hg)

VP-1	-0.67
VP-2	COVERED
VP-3	-0.04
VP-4	-0.17

PREPARED BY:

TYLL ENGINEERING & CONSULTING PC
169 Commack Road, Suite H173, Commack, NY 11725
PHONE: (631) 629-5373 Info@tyllengineering.com

TITLE:

INDOOR AIR SAMPLING PLAN (2/27/24)

567 MAIN STREET
WESTBURY, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
-	NTS	3/14/24	HDP2201
CHKD:	APPD:	REV.:	NOTES:
KT	KT	-	-

FIGURE NO.: 1

Attachment A

Canister Field Sampling Record Logs

TEC Tyll Engineering And Consulting

CANISTER FIELD SAMPLING RECORD

Date: 02/27/2024

Project: 567 Main Street

Site Location: 567 Main Street, Westbury, New York

Sample ID: OA-1

Sampler: K.Tyll

Location: Behind Building

Height: 4'

Canister ID: 2572

Canister Volume: 6 liter

Flow Controller ID: 01911

Flow Controller Setting: 8 hour

Sample Type (sub-slab, soil gas, amb, indoor): Outdoor AIR (Ambient)

READING	DATE	TIME	VACUUM
Initial Canister Vacuum	2/27/24	657	-30.34
Final Canister Vacuum	2/27/24	257	-1.99

Weather or Ambient Conditions: 39° overcast

PID at Location: 0.2ppm

Comments:

TEC Tyll Engineering And Consulting

CANISTER FIELD SAMPLING RECORD

Date: 02/27/2024

Project: 567 Main Street

Site Location: 567 Main Street, Westbury, New York

Sample ID: IA-2

Sampler: K.Tyll

Location: Rear of bldg

Height: 5'

Canister ID: 3477

Canister Volume: 6 liter

Flow Controller ID: 1763

Flow Controller Setting: 8 hour

Sample Type (sub-slab, soil gas, amb, indoor): Outdoor AIR (Ambient)

READING	DATE	TIME	VACUUM
Initial Canister Vacuum	2/27/24	658	~~-30.14~~ -29.74
Final Canister Vacuum	2/27/24	1458	-4.73

Weather or Ambient Conditions: 39° overcast Foggy

PID at Location: 3.0 ppm

Comments:

TEC Tyll Engineering And Consulting

CANISTER FIELD SAMPLING RECORD

Date: 02/27/2024

Project: 567 Main Street

Site Location: 567 Main Street, Westbury, New York

Sample ID: IA-3

Sampler: K.Tyll

Location: Office Area

Height: 51"

Canister ID: 709

Canister Volume: 6 liter

Flow Controller ID: 02103

Flow Controller Setting: 8 hour

Sample Type (sub-slab, soil gas, amb, indoor): Outdoor AIR (Ambient)

READING	DATE	TIME	VACUUM
Initial Canister Vacuum	2/27/24	659	-30.78
Final Canister Vacuum	2/27/24	259	-6.14

Weather or Ambient Conditions: Foggy 39° F overcast

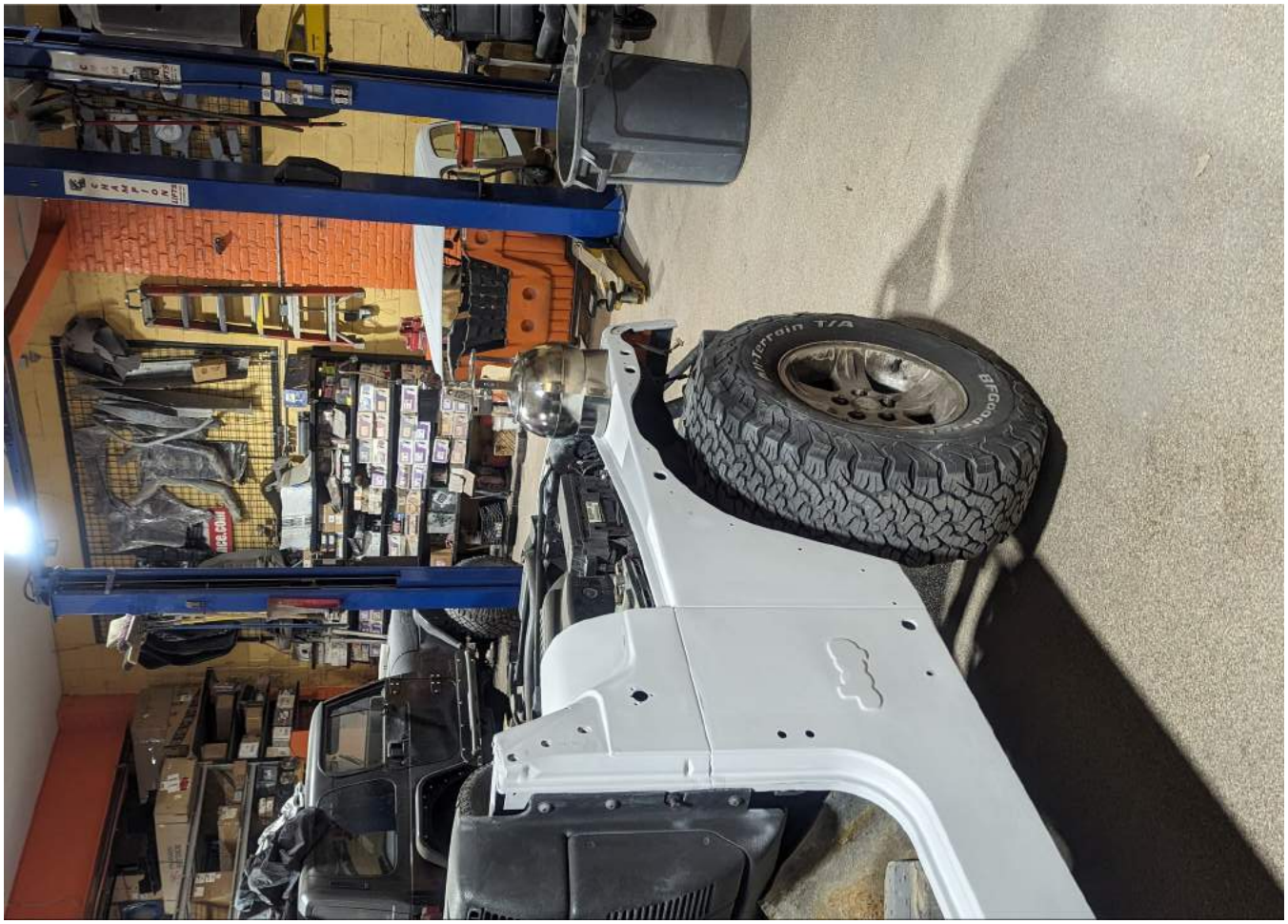
PID at Location: 0.1 ppm

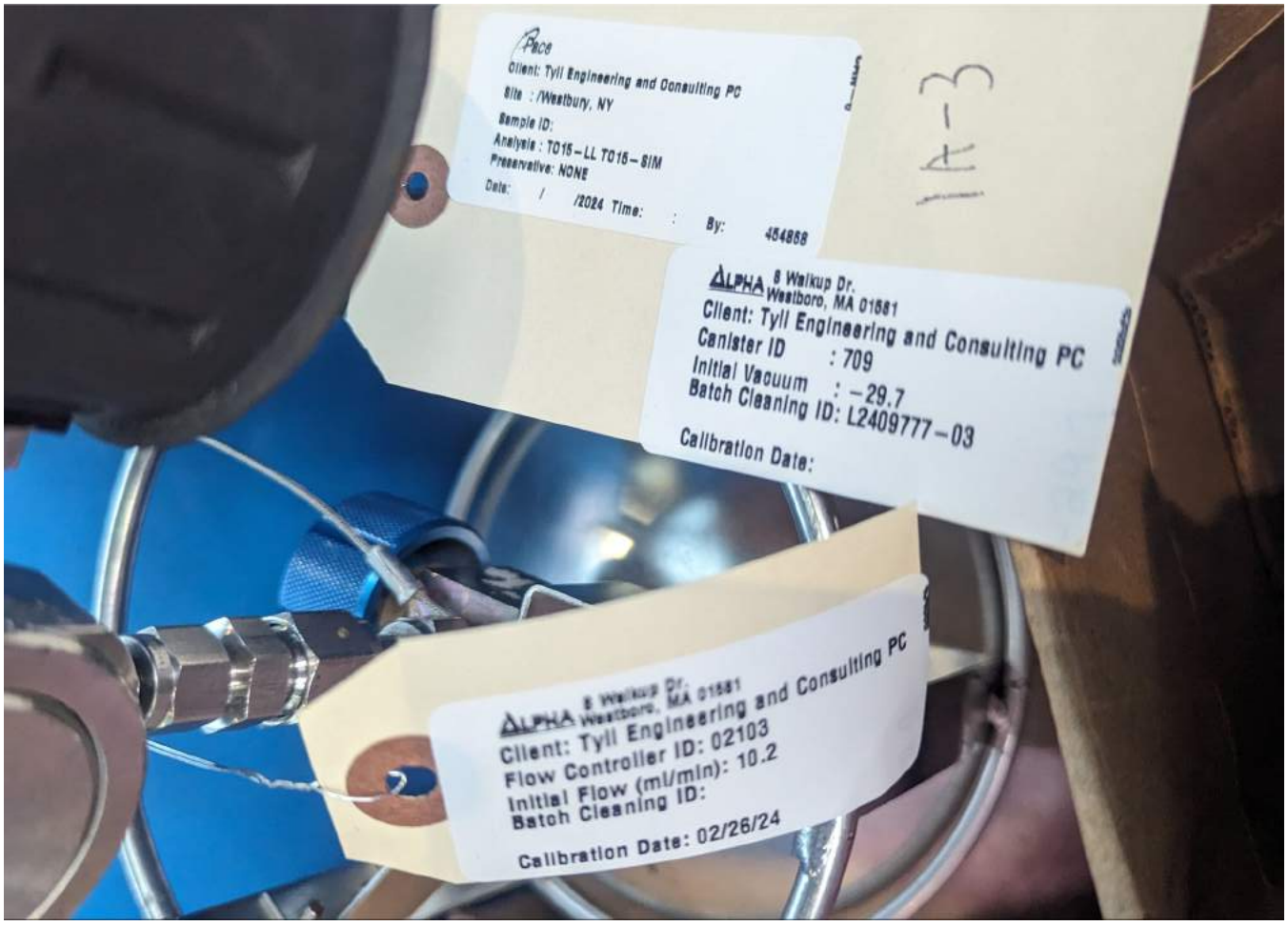
Comments:

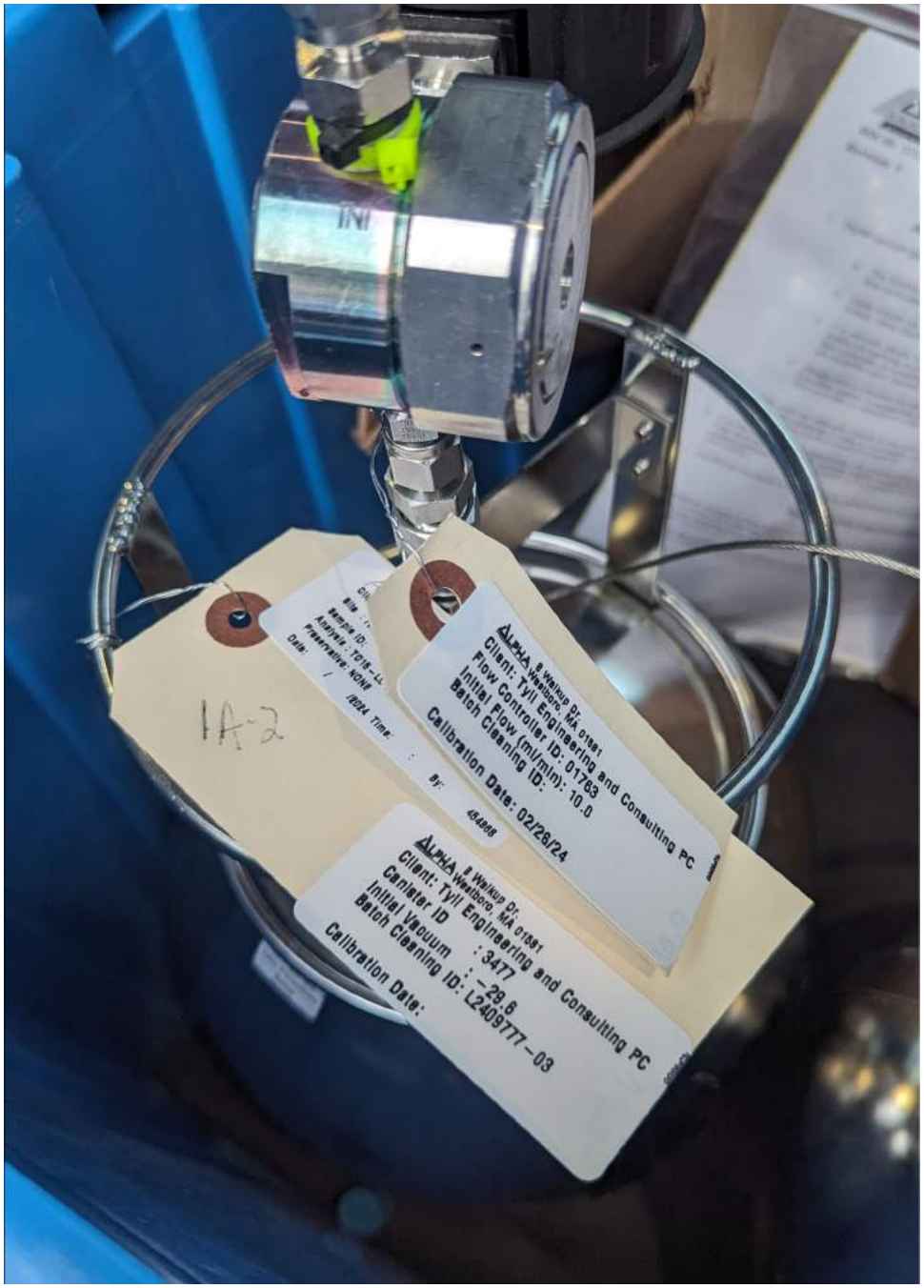
100 Commack Road Suite H173 Commack, NY 11725 [illegible] www.tylengineering.com

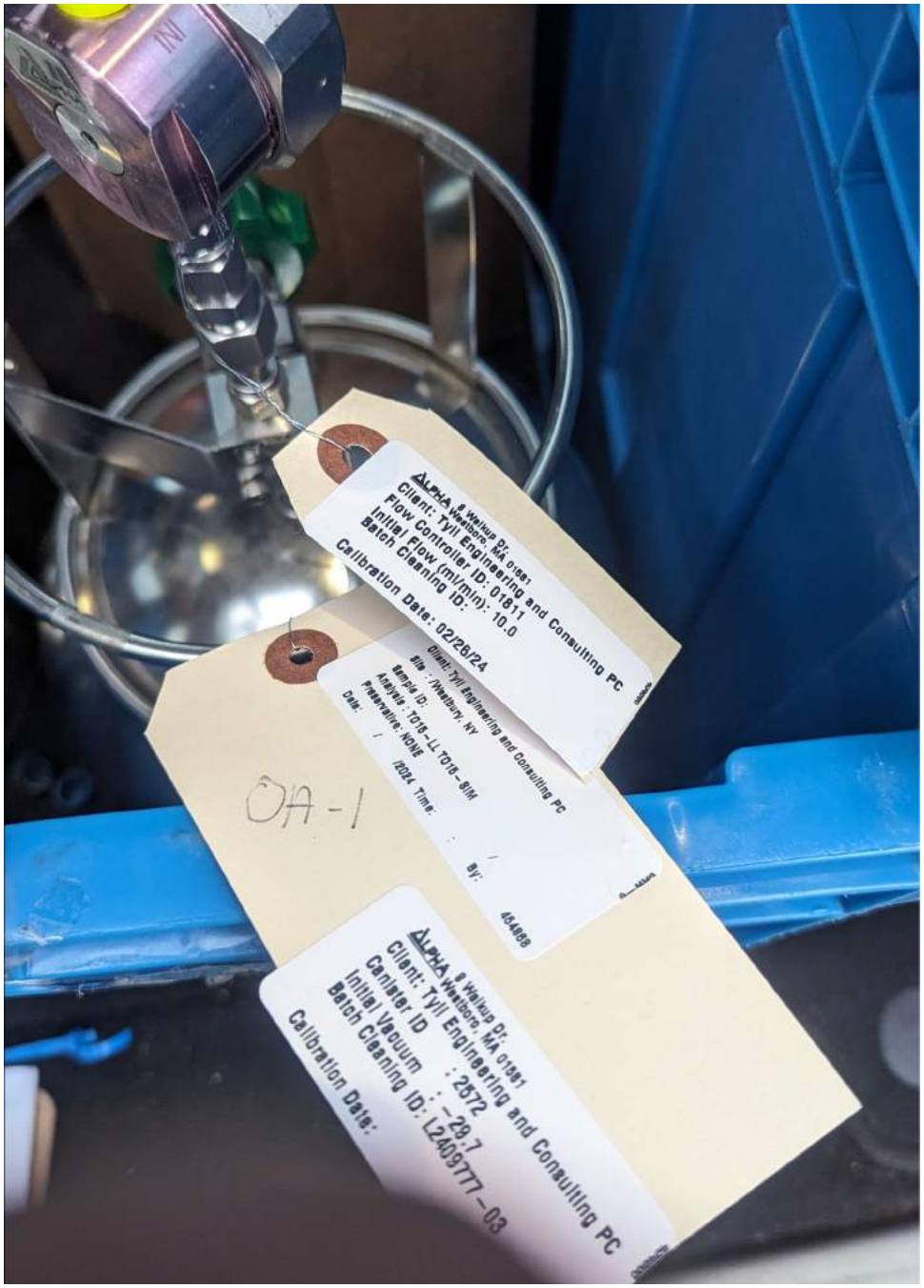
Attachment B

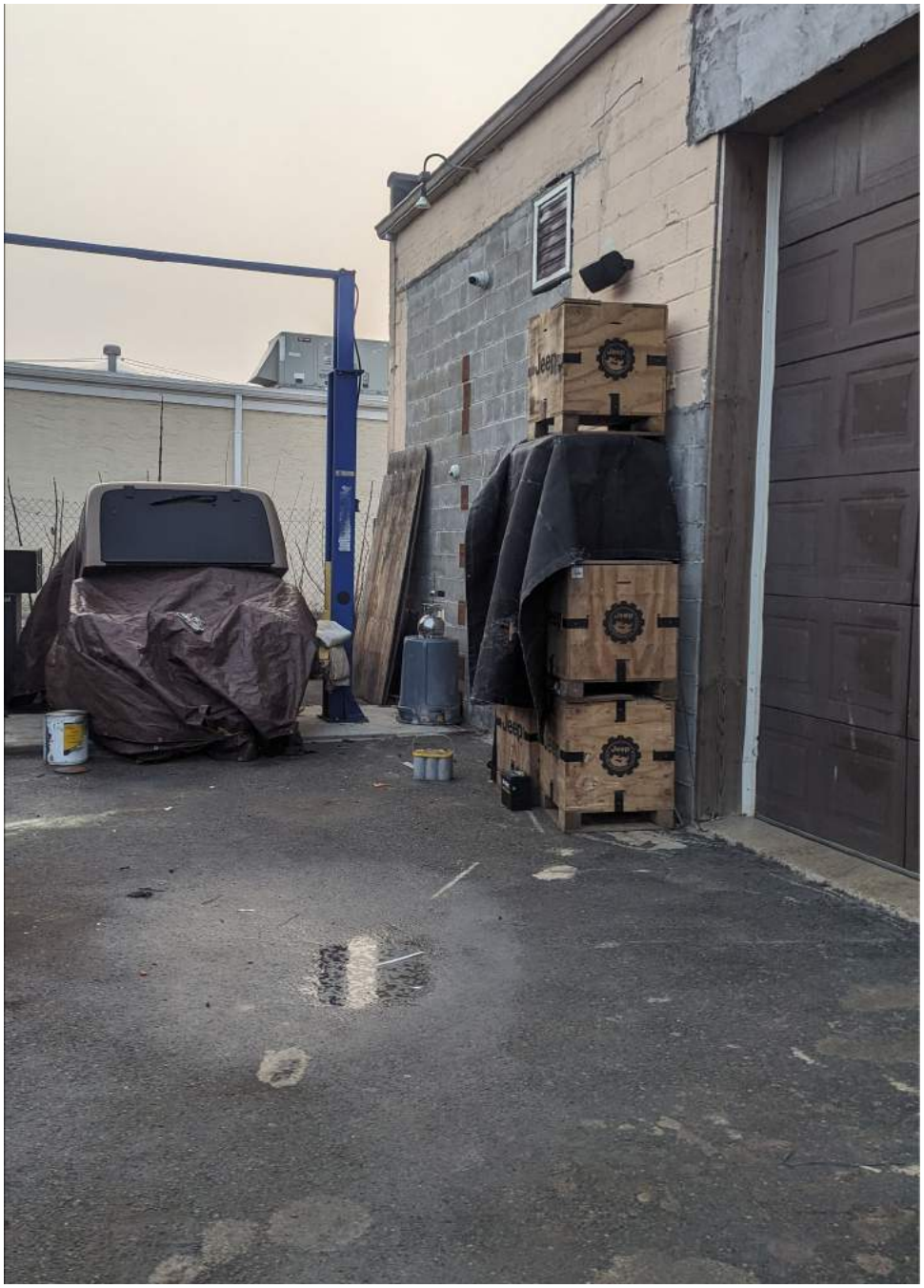
Photos


All-Terrain T/A


Pace
Client: Tyll Engineering and Consulting PC
Site : /Westbury, NY
Sample ID:
Analysis : TO15-LL TO15-SIM
Preservative: NONE
Date: / /2024 Time: : By:
454868
A-3
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Canister ID : 709
Initial Vacuum : -29.7
Batch Cleaning ID: L2409777-03
Calibration Date:
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Flow Controller ID: 02103
Initial Flow (ml/min): 10.2
Batch Cleaning ID:
Calibration Date: 02/26/24


IA-2
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Flow Controller ID: 01763
Initial Flow (ml/min): 10.0
Batch Cleaning ID:
Calibration Date: 02/26/24
454868
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Canister ID : 3477
Initial Vacuum : -29.6
Batch Cleaning ID: L2409777-03
Calibration Date:


OA-1
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Flow Controller ID: 01811
Initial Flow (ml/min): 10.0
Batch Cleaning ID:
Calibration Date: 02/26/24
Client: Tyll Engineering and Consulting PC
Sample ID:
Analysis: TO15-LL TO15-SIM
Preservative: NONE
Date: / /2024 Time:
By:
454868
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Canister ID : 2572
Initial Vacuum : -29.7
Batch Cleaning ID: L2409777-03
Calibration Date:



Attachment C

Laboratory Analytical

ANALYTICAL REPORT

Lab Number:	L2410535
Client:	Tyll Engineering and Consulting PC 169 Commack Road Suite H173 Commack, NY 11725
ATTN:	Karen Tyll
Phone:	(631) 664-6477
Project Name:	567 MAIN ST
Project Number:	Not Specified
Report Date:	03/12/24

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110) , NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2410535-01	OA-1	AIR	Not Specified	02/27/24 14:57	02/27/24
L2410535-02	IA-2	AIR	Not Specified	02/27/24 14:58	02/27/24
L2410535-03	IA-3	AIR	Not Specified	02/27/24 14:59	02/27/24

Project Name:	567 MAIN ST	**Lab Number:**	L2410535
Project Number:	Not Specified	**Report Date:**	03/12/24

Case Narrative

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

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

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

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

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

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

Project Name:	567 MAIN ST	**Lab Number:**	L2410535
Project Number:	Not Specified	**Report Date:**	03/12/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 27, 2024. The canister certification data is provided as an addendum.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 03/12/24

AIR

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-01
Client ID: OA-1
Sample Location:

Date Collected: 02/27/24 14:57
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/08/24 19:44
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.456	0.200	--	2.25	0.989	--		1
Chloromethane	0.577	0.200	--	1.19	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	44.3	1.00	--	105	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.532	0.500	--	1.31	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.595	0.500	--	1.75	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-01
Client ID: OA-1
Sample Location:

Date Collected: 02/27/24 14:57
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.239	0.200	--	0.842	0.705	--		1
Benzene	0.249	0.200	--	0.795	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	7.32	0.200	--	27.6	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.294	0.200	--	1.28	0.869	--		1
p/m-Xylene	0.892	0.400	--	3.87	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.276	0.200	--	1.20	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-01
Client ID: OA-1
Sample Location:

Date Collected: 02/27/24 14:57
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-01
Client ID: OA-1
Sample Location:

Date Collected: 02/27/24 14:57
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/08/24 19:44
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.091	0.020	--	0.617	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-02
Client ID: IA-2
Sample Location:

Date Collected: 02/27/24 14:58
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/08/24 20:29
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.476	0.200	--	2.35	0.989	--		1
Chloromethane	0.659	0.200	--	1.36	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	57.4	5.00	--	108	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	194	1.00	--	461	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	10.2	0.500	--	25.1	1.23	--		1
Tertiary butyl Alcohol	0.915	0.500	--	2.77	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	45.1	0.500	--	133	1.47	--		1
Ethyl Acetate	6.19	0.500	--	22.3	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-02
Client ID: IA-2
Sample Location:

Date Collected: 02/27/24 14:58
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	5.54	0.200	--	19.5	0.705	--		1
Benzene	1.98	0.200	--	6.33	0.639	--		1
Cyclohexane	1.75	0.200	--	6.02	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	1.47	0.200	--	6.87	0.934	--		1
Heptane	2.44	0.200	--	10.0	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.20	0.500	--	4.92	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	56.1	0.200	--	211	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	42.5	0.200	--	185	0.869	--		1
p/m-Xylene	141	0.400	--	612	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	17.5	0.200	--	74.5	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	54.9	0.200	--	238	0.869	--		1
4-Ethyltoluene	2.92	0.200	--	14.4	0.983	--		1
1,3,5-Trimethylbenzene	5.71	0.200	--	28.1	0.983	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-02
Client ID: IA-2
Sample Location:

Date Collected: 02/27/24 14:58
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	27.2	0.200	--	134	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.634	0.200	--	3.32	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-02
Client ID: IA-2
Sample Location:

Date Collected: 02/27/24 14:58
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/08/24 20:29
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.118	0.020	--	0.800	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-03
Client ID: IA-3
Sample Location:

Date Collected: 02/27/24 14:59
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/08/24 21:12
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.457	0.200	--	2.26	0.989	--		1
Chloromethane	0.514	0.200	--	1.06	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	28.2	5.00	--	53.1	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	123	1.00	--	292	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	6.94	0.500	--	17.1	1.23	--		1
Tertiary butyl Alcohol	0.755	0.500	--	2.29	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	32.0	0.500	--	94.4	1.47	--		1
Ethyl Acetate	3.17	0.500	--	11.4	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-03
Client ID: IA-3
Sample Location:

Date Collected: 02/27/24 14:59
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.80	0.200	--	6.34	0.705	--		1
Benzene	0.768	0.200	--	2.45	0.639	--		1
Cyclohexane	0.608	0.200	--	2.09	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.511	0.200	--	2.39	0.934	--		1
Heptane	0.837	0.200	--	3.43	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.607	0.500	--	2.49	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	28.7	0.200	--	108	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	21.6	0.200	--	93.8	0.869	--		1
p/m-Xylene	81.3	0.400	--	353	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	8.90	0.200	--	37.9	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	27.8	0.200	--	121	0.869	--		1
4-Ethyltoluene	1.44	0.200	--	7.08	0.983	--		1
1,3,5-Trimethylbenzene	2.71	0.200	--	13.3	0.983	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-03
Client ID: IA-3
Sample Location:

Date Collected: 02/27/24 14:59
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	11.6	0.200	--	57.0	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.294	0.200	--	1.54	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	91		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-03
Client ID: IA-3
Sample Location:

Date Collected: 02/27/24 14:59
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/08/24 21:12
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.099	0.020	--	0.671	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified
Lab Number: L2410535
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/08/24 16:20

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1894052-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified
Lab Number: L2410535
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/08/24 16:20

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1894052-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified
Lab Number: L2410535
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/08/24 16:20

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1894052-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified
Lab Number: L2410535
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 03/08/24 17:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-03 Batch: WG1894053-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1894052-3								
Dichlorodifluoromethane	95		-		70-130	-		
Chloromethane	92		-		70-130	-		
Freon-114	101		-		70-130	-		
Vinyl chloride	97		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Bromomethane	84		-		70-130	-		
Chloroethane	89		-		70-130	-		
Ethanol	82		-		40-160	-		
Vinyl bromide	84		-		70-130	-		
Acetone	94		-		40-160	-		
Trichlorofluoromethane	92		-		70-130	-		
Isopropanol	88		-		40-160	-		
1,1-Dichloroethene	94		-		70-130	-		
Tertiary butyl Alcohol	89		-		70-130	-		
Methylene chloride	96		-		70-130	-		
3-Chloropropene	96		-		70-130	-		
Carbon disulfide	82		-		70-130	-		
Freon-113	91		-		70-130	-		
trans-1,2-Dichloroethene	87		-		70-130	-		
1,1-Dichloroethane	89		-		70-130	-		
Methyl tert butyl ether	90		-		70-130	-		
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1894052-3								
Ethyl Acetate	92		-		70-130	-		
Chloroform	93		-		70-130	-		
Tetrahydrofuran	89		-		70-130	-		
1,2-Dichloroethane	88		-		70-130	-		
n-Hexane	95		-		70-130	-		
1,1,1-Trichloroethane	84		-		70-130	-		
Benzene	89		-		70-130	-		
Carbon tetrachloride	93		-		70-130	-		
Cyclohexane	95		-		70-130	-		
1,2-Dichloropropane	90		-		70-130	-		
Bromodichloromethane	96		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	94		-		70-130	-		
2,2,4-Trimethylpentane	95		-		70-130	-		
Heptane	95		-		70-130	-		
cis-1,3-Dichloropropene	94		-		70-130	-		
4-Methyl-2-pentanone	95		-		70-130	-		
trans-1,3-Dichloropropene	96		-		70-130	-		
1,1,2-Trichloroethane	93		-		70-130	-		
Toluene	90		-		70-130	-		
2-Hexanone	94		-		70-130	-		
Dibromochloromethane	97		-		70-130	-		
1,2-Dibromoethane	88		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1894052-3								
Tetrachloroethene	89		-		70-130	-		
Chlorobenzene	88		-		70-130	-		
Ethylbenzene	92		-		70-130	-		
p/m-Xylene	96		-		70-130	-		
Bromoform	96		-		70-130	-		
Styrene	94		-		70-130	-		
1,1,2,2-Tetrachloroethane	94		-		70-130	-		
o-Xylene	98		-		70-130	-		
4-Ethyltoluene	91		-		70-130	-		
1,3,5-Trimethylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	98		-		70-130	-		
Benzyl chloride	100		-		70-130	-		
1,3-Dichlorobenzene	97		-		70-130	-		
1,4-Dichlorobenzene	102		-		70-130	-		
1,2-Dichlorobenzene	93		-		70-130	-		
1,2,4-Trichlorobenzene	102		-		70-130	-		
Naphthalene	98		-		70-130	-		
Hexachlorobutadiene	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 567 MAIN ST

Project Number: Not Specified

Lab Number: L2410535

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 Batch: WG1894053-3								
Vinyl chloride	97		-		70-130	-		25
1,1-Dichloroethene	98		-		70-130	-		25
cis-1,2-Dichloroethene	95		-		70-130	-		25
1,1,1-Trichloroethane	94		-		70-130	-		25
Carbon tetrachloride	94		-		70-130	-		25
Trichloroethene	92		-		70-130	-		25
Tetrachloroethene	90		-		70-130	-		25

Project Name: 567 MAIN ST

Lab Number: L2410535

Project Number:

Report Date: 03/12/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2410535-01	OA-1	01811	Flow 3	02/27/24	454868		-	-	-	Pass	10.0	8.9	12
L2410535-01	OA-1	2572	6.0L Can	02/27/24	454868	L2409777-03	Pass	-29.7	-1.3	-	-	-	-
L2410535-02	IA-2	01763	Flow 3	02/27/24	454868		-	-	-	Pass	10.0	10.2	2
L2410535-02	IA-2	3477	6.0L Can	02/27/24	454868	L2409777-03	Pass	-29.6	-4.9	-	-	-	-
L2410535-03	IA-3	02103	Flow 2	02/27/24	454868		-	-	-	Pass	10.2	11.7	14
L2410535-03	IA-3	709	6.0L Can	02/27/24	454868	L2409777-03	Pass	-29.7	-5.7	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/23/24 19:31
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/23/24 19:31
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2409777

Project Number: CANISTER QC BAT **Report Date:** 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	80		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	87		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2410535-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2410535-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2410535-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	567 MAIN ST	**Lab Number:**	L2410535
Project Number:	Not Specified	**Report Date:**	03/12/24

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

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

Report Format: Data Usability Report

Project Name:	567 MAIN ST	**Lab Number:**	L2410535
Project Number:	Not Specified	**Report Date:**	03/12/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

Report Format: Data Usability Report

Project Name:	567 MAIN ST	**Lab Number:**	L2410535
Project Number:	Not Specified	**Report Date:**	03/12/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: Data Usability Report

Project Name: 567 MAIN ST
Project Number: Not Specified
Lab Number: L2410535
Report Date: 03/12/24

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

AIR ANALYSIS

PAGE ____ OF ____

CHAIN OF CUSTODY

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

Date Rec'd in Lab: 2/28/24

ALPHA Job #: L2410535

Client Information

Client: Tyll Engineering and Consulting

Address: ib

Phone:

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 567 Main St

Project Location:

Project #:

Project Manager: K. Tyler

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX

☒ ADEx

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☒ EMAIL (standard pdf report)

☐ Additional Deliverables: Cat B

Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NJDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
10535-01	OA-1	2/27/24	657	257	-30.74	-1.99	AA	KT	6L	2572	01511	X					
02	IA-2	2/27/24	658	258	-28.94	-4.73	AA	KT	6L	3477	01763	X					
03	IA-3	2/27/24	659	259	-30.78	-6.14	AA	KT	6L	709	02103	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
MSMA(NJ) Anthony Green	2/27/24 300	MSMA(NJ) Anthony Green	2/27 1508
	2/27 2400		FEB 27 2024 2150
	2/28/24 0100		2/28/24 0100
	2/28/24 0515		2/28/24 0515

Form No: 101-02 Rev: (25-Sep-15)

Attachment D

Data Usability Summary Report

(to be submitted as soon as it's available)

Attachment E

Questionnaire and Building Inventory

Photos of Chemicals Observed

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

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

Preparer's Name Karen Tyll Date/Time Prepared 2/27/23

Preparer's Affiliation Env. Consultant Phone No. 6316646477

Purpose of Investigation SSDS Performance Monitoring

1. OCCUPANT:

Interviewed: Y / N

Last Name: Secorr First Name: Sam

Address: 567 Main Street, Westbury, NY

County: Nassau

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location ~4 Age of Occupants 20-50

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

Interviewed: Y / N

Last Name: _____First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

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

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

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

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Mechanic, automobile outfitter

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

Other characteristics:

Number of floors 1 Building age_____

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

4. AIRFLOW

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

N/A

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

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

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other small for utilities _____
c. Basement floor:	(concrete)	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with concrete	
e. Concrete floor:	unsealed	sealed	sealed with office has tiles	
f. Foundation walls:	poured	(block)	stone	other n/a
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	(unfinished)	partially finished	
j. Sump present?	Y / (N)			
k. Water in sump?	Y / N / (not applicable)			

Basement/Lowest level depth below grade: 6 (feet)

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

none observed. intact tile floor in office and competent concrete floor in shop area

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

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

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

The primary type of fuel used is:

Natural Gas	(Fuel Oil)	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: HWH in small cellar

Boiler/furnace located in:	(Basement)	Outdoors	Main Floor	Other_____
Air conditioning:	(Central Air)	Window units	Open Windows	None

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

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

n/a

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom (Almost Never) utilities only

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	none
1st Floor	automotive
2nd Floor	none
3rd Floor	none
4th Floor	none

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

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

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

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA Please specify automobile repair shop

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

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

f. Is there a workshop or hobby/craft area? (Y) / N Where & Type? _____

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

h. Have cleaning products been used recently? (Y) / N When & Type? mopped floor previous week

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

j. Has painting/staining been done in the last 6 months? (Y)/ N Where & When? 1 month ago

k. Is there new carpet, drapes or other textiles? Y /(N) Where & When? _____

l. Have air fresheners been used recently? Y /(N) When & Type? _____

m. Is there a kitchen exhaust fan? Y /(N) If yes, where vented?_____

n. Is there a bathroom exhaust fan? (Y)/ N If yes, where vented? outside wall

o. Is there a clothes dryer? (Y)/ N If yes, is it vented outside? (Y)/ N

p. Has there been a pesticide application? Y /(N) When & Type?_____

Are there odors in the building? (Y)/ N
If yes, please describe: automibile fluids

Do any of the building occupants use solvents at work? (Y) N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? brake cleaner/safety kleen degreser

If yes, are their clothes washed at work? Y (N)

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? (Y) N Date of Installation: SSDS Present
Is the system active or passive? (Active)/Passive installed February/March 2023

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: n/a

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

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

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

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

n / a

First Floor:

see attached

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

see attached

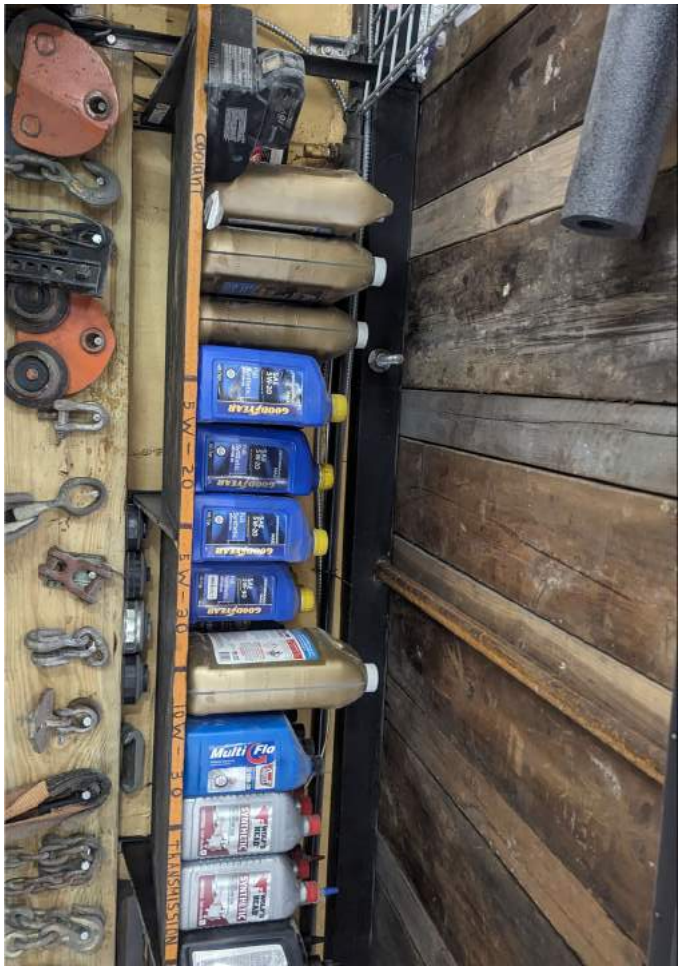
13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Shelf	Permatex Lubricant	8oz	U	Acetone, naptha (petroleum) hydrotreated light		Y
Shelf	Motor Medic Thrust Starting Fluid	33 oz	U	heptane, ethane,napthenic (petroleum) light and heavy		Y
Shelf	SuperS Grease	42 oz	U	Petroleum distillates,Lithium Hydroxide, Monohydrate, Sebacic Acid		Y
Shelf	RedLine Power Steering Fluid	1 qt	U	zinc		Y
Shelf	Lube Guard Power Steering Fluid	32 oz	U	Lubricating oils, refined used		Y
Shelf	SuperS Brake Fluid	2 qt	U	Triethylene glycol, monobutyl ether, Diethylene glycol, Diethylene glycol monobutyl ether ,Ethanol, 2-(2-propoxyethoxy)-		Y
Shelf	Gunk Brake Parts Cleaner	28 oz	U	2-PROPANONE, Heptane		Y
Shelf	Blaster Penetrating Fluid	22 oz	U	distillates(petroleum) hydrotreated light, Solvent naphtha (petroleum), heavy UN1270 Not available 64742-94-5 20 - 30aromatic, Distillates (petroleum), hydrotreated Not available Not available 64742-52-5 20 - 30heavy naphthenic, napthalene, & Dinonylphenol, ethoxylated, phosphated		Y
Shelf	Coolants	4 gal	UO			Y
Shelf	Motor Oils	36 qts	UO	Petroleum distillates, solvent dewaxed,heavy paraffinic, Distillates, petroleum, hydrotreated heavy paraffinic, Pariffin Oils, Phosphorodithioic acid		Y
on floor	Crystal Clean 142 Mineral Spirits	55 gal	U	Distillates (petroleum), hydrotreated light		Y
Shelf	Wolfs head Synthetic Transmission Oil	10 qts	UO	Lubricating Oils (petroleum), Distillates Hydrotreated Heavy Parrafin, Distillates (petroleum), hydrotreated light paraffinic, Alkyl acetamide		Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.


COOLANT
5W-20
5W-20
5W-30
TRANSMISSION
Multi Flo


BLASTER
SINCE 1957
PB
LOOSE FASTER
PENETRATING
CATALYST
POWERFUL RUST
#1 SELLING PENETRANT
Breaks Free Rusted or Frozen Parts
Attacks Rust From All Angles Using Its Unique Capillary Action


DANGER: CONTENTS UNDER PRESSURE.
Do not puncture or incinerate container.
Do not expose to heat or store at temperatures above 120°F.
BREATHING HAZARD: Use only in a well-ventilated area. Do not breathe vapor or spray mist. Sensitive individuals may find odor offensive. DELIBERATE OR DIRECT INHALATION OF VAPOR OR SPRAY MIST CAN BE HARMFUL OR FATAL.
FIRST AID: Ingestion: CONTAINS PETROLEUM DISTILLATES. If swallowed, do not induce vomiting. Call physician immediately. Eye Contact: Immediately flush eyes with large amounts of water for 15 minutes. Skin Contact: Wash with soap and water. Inhalation (breathing): Remove to fresh air. Give artificial respiration or oxygen, if necessary.
WARNING: This product can expose you to chemicals including Naphthalene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
DOT 2P
MS749
DSC


LUBEGARD
COMPLETE
POWER STEERING FLUID
MULTI-VEHICLE FORMULA
BLASTER
SINCE 1957
PB
DIRECTIONS
BRAKE


INSTANTLY
• Cleans faster
• Dries quickly
• No residue
• No chlorinated solvents
• Removes brake dust
• Powerful spray pattern
DANGER
DO NOT SWALLOW


GUNK
Brake Parts Cleaner
NON-CHLORINATED
Fast drying, leaves no residue
NET WT 14 OZ


Super S
BRAKE FLUID
For Drum & Disc Brakes
Exceeds DOT 3 Motor Vehicle Standards
• No chlorinated solvents
• Removes brake dust
• Powerful spray pattern

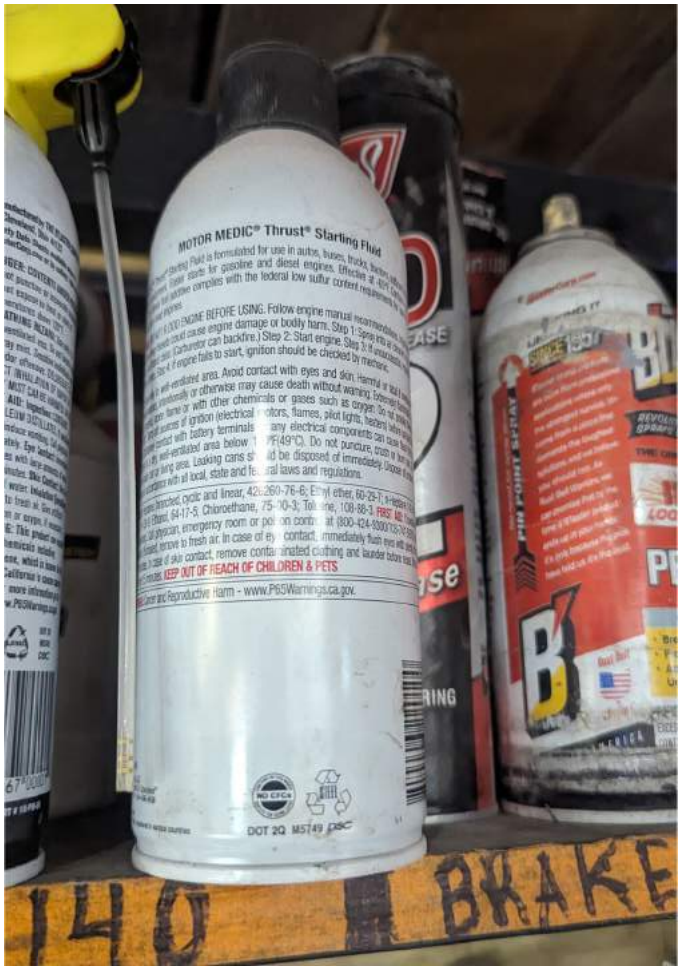

SINCE 1957
LUBEGARD
COMPLETE
POWER STEERING FLUID
MULTI-VEHICLE FORMULA
32 FL OZ (1 Quart 946 mL)
BRAKE


LUBEGARD Power Steering Fluid with LXE contains proven anti-wear, anti-friction, and anti-corrosion protection. Its top quality base oils and performance additives provide excellent viscosity characteristics, shear stability, rust and corrosion protection, seal integrity and detergency.
• Reduces friction, heat, and wear
• Relieves the whine and hum of power steering units
• Eliminates rack & pinion stiffness
• Cleans and frees sticky turbines and pumps
• Protects pumps and seals
• Extends life of power steering unit
Applications:
• For use in all power and power assisted steering units that require conventional PSF
*Honda fluid recommended for Honda/Acura vehicles
Directions: Fill per manufacturer recommendations
CAUTION: Avoid contact with eyes and skin. Do not breathe vapors. Do not take internally. In case of eye contact, flush thoroughly with water. If breathed in, move person into fresh air. If swallowed, do not induce vomiting. Call physician immediately. KEEP OUT OF REACH OF CHILDREN.
BLASTER
BRAKE Cleaner

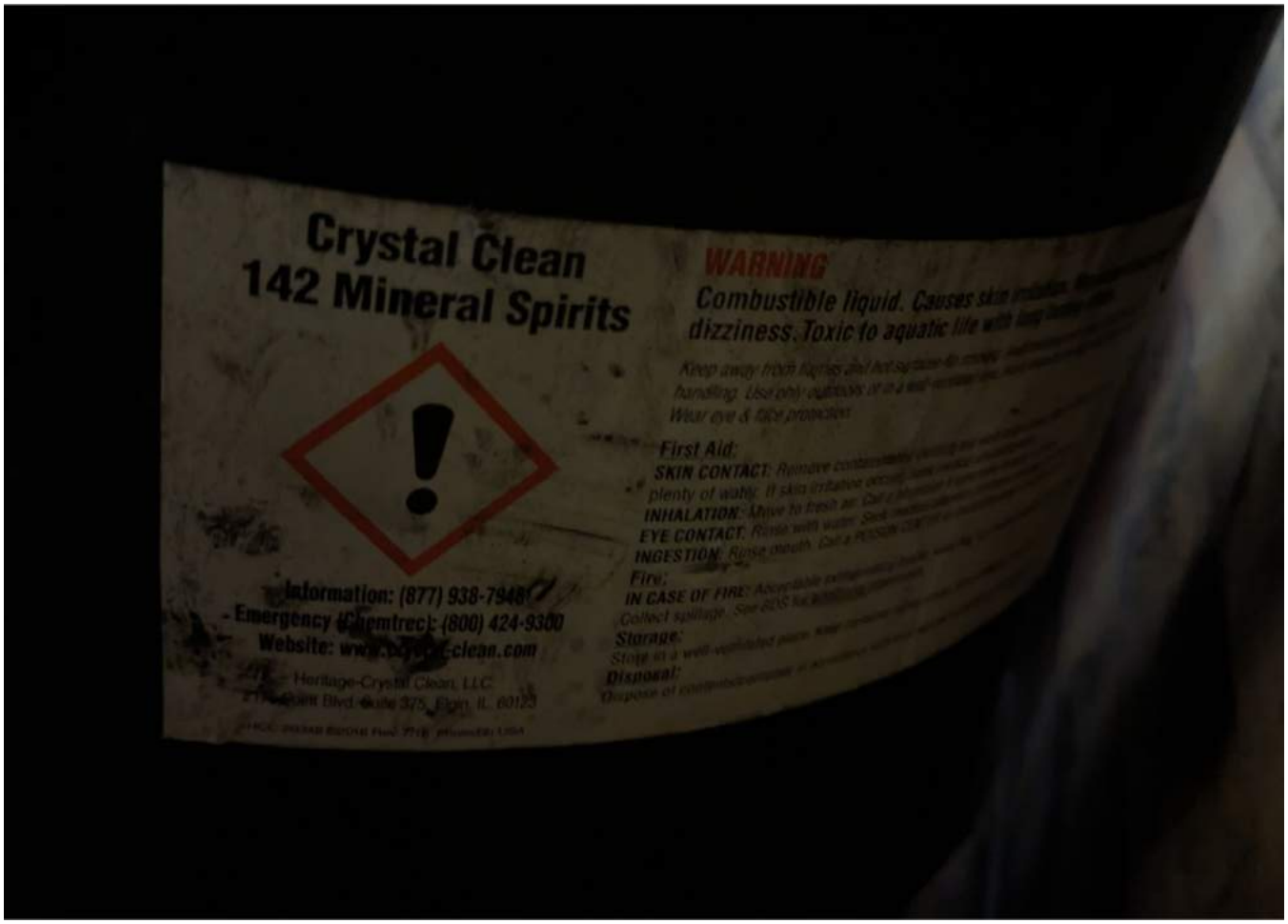

RED LINE
SYNTHETIC OIL
FULL SYNTHETIC
ENTIÈREMENT SYNTHÉTIQUE
POWER STEERING FLUID
1 U.S. Quart - 946 mL
LXE


Super S
HIGH TEMP
RED
BEARING GREASE
#2
Lithium Grease
DRUM, WHEEL BEARING
& CHASSIS GREASE
Net WT. 14OZ (397 g)


MOTOR MEDIC
Thrust
Starting Fluid
GAS AND DIESEL ENGINES
Quick Start In Extreme Cold Conditions
Effective to -65°F
CONTENTS UNDER PRESSURE.
NET 11 FL OZ (311 g)


MOTOR MEDIC® Thrust® Starting Fluid
DOT 2Q M5749 DSC
BRAKE


Permatex
Aluminum
Lubricante Antiaferrante Aluminio
NET 8 FL OZ. / CONT. 236 mL


Crystal Clean
142 Mineral Spirits
WARNING
Combustible liquid. Causes skin
dizziness. Toxic to aquatic life with
First Aid:
SKIN CONTACT:
INHALATION:
EYE CONTACT:
INGESTION:
Fire:
IN CASE OF FIRE:
Storage:
Disposal:
Information: (877) 938-7948
Emergency (Chemtrec): (800) 424-9300
Website: www.
Heritage-Crystal Clean, LLC