2021 Periodic Review Report

Location:

Remington Rand Building
184 and 185 Sweeney Street
North Tonawanda, New York
NYSDEC BCP Site #C932142

Prepared for:

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4858 South 78th East Place
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LaBella Project No. 2191060

December 9, 2021

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1.0 EXECUTIVE SUMMARY

The Remington Rand Building is located at 184 & 185 Sweeney Street, City of North Tonawanda, Niagara County, New York and is identified as Block 1 and Lot 21 on the Niagara County Tax Map (SBL # 185.09-1-21), herein after referred to as the "Site." A Site Location Map is included as Figure 1. The Site is a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site (BCP Site #C932142) and was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index No. B9-0780-08-06. This Periodic Review Report (PRR) is a required element of the approved Site Management Plan (SMP) dated September 2010 and associated addendum dated January 31, 2020, for the Site. This PRR covers the reporting period from May 20, 2020, to May 20, 2021.

1.1 Site Summary

The Site is an approximately 1.8-acre area bounded by Tremont Street to the north, Sweeney Street to the south, New York Central Railroad property to the east, and Marion Street to the west. The boundaries of the Site are more fully described on the ALTA Survey map provided herein in Appendix 1. The 1.8-acre Site includes a slab-on-grade four-story concrete block and brick building. Also, a one-story slab-on-grade brick building adjoins the four-story building to the south. The remainder of the Site is occupied by asphalt/concrete and gravel parking areas with some green space. The Site Building area occupies approximately 1.2 acres of the 1.8-acre Site. A Site Base Map is included as Figure 2.

The following is a summary of the nature and extent of contamination from the Remedial Investigation (RI) and resulting remedial history:

Sub-Slab Vapor Investigation -The sub-slab vapor assessment program resulted in several volatile organic compounds (VOCs) detected in both the indoor/outdoor air samples and in the sub-slab vapor samples. To mitigate the sub-slab vapors in an area of elevated VOCs, a passive sub-slab depressurization system (SSDS) was installed under an Interim Remedial Measures (IRM) with provisions to make the system active (In-line fan installed). The SSDS and indoor air was sampled per the SMP and associated addendum as part of this periodic inspection and the results are discussed in Section 5.0.

Exterior Soils Investigation - Exterior surface and sub-surface soils exhibited elevated concentrations of polycyclic aromatic hydrocarbons (PAHs) and metals that exceeded NYSDEC Part 375 Residential and Restricted Residential Use soil cleanup objectives (SCOs). For the Site to meet Part 375 Restricted Residential Use SCOs, the top two feet of existing soil across the Site, exterior to the Site Building, was removed during the IRM and replaced with clean fill material. The removed soil was disposed off-site at a NYSDEC approved landfill. The majority of this open area was then covered with asphalt (driveways/parking), sidewalks, and minimal additional landscaping.

Sub-Slab Soils Investigation - Sub-slab soils exhibited only a few PAH and metal compounds that slightly exceeded Part 375 Residential and Restricted Residential Use SCOs. Based on the very low level of contamination detected and that the Site Building floor slab was to remain in place for the planned future development, no further remediation was recommended for this area.

Floor Drains/Pits Sediment Investigation – Sediment samples collected from the existing Site Building first floor drain/trench system and elevator pits exhibited concentrations of several metal compounds that exceeded Part 375 Residential and Restricted Residential Use SOCs. The sediments were removed from the drains/trenches and pits under an IRM and disposed off-site at an approved disposal facility.

Transformers - Transformer sampling conducted as part of the RI indicated that three of the ten existing transformers and both fluid reservoirs were absent of polychlorinated biphenyl (PCB) containing oil. Results from the remaining seven transformers indicated various concentrations of PCBs with the highest concentration detected at 250 parts per million (ppm). Some minor soil staining proximate specific transformers indicated elevated levels of PCBs in the surface-stained areas. Under an IRM, all transformers, contents and impacted soil were removed and disposed of properly.

Upon completion of the IRMs, remnant contamination remained in Site soil below the two-foot cover system. The final remedy for the Site included the establishment of an environmental easement that restricts future development to Restricted Residential Use and the establishment of engineering and institutional controls (IC/ECs) for the Site as stipulated in the SMP.

1.2 Effectiveness of Remedial Program

Based on a recent inspection of the Site and sub-slab and indoor air sampling conducted on May 7, 2021; the engineering and institutional controls are in place, are performing properly, and remain effective and protective of public health and the environment.

1.3 Non-Compliance

No areas of non-compliance regarding the major elements of the SMP were identified at the time of the preparation of this PRR.

1.4 Recommendations

Overall, the remedial program is viewed to be effective in achieving the remedial objectives for the Site. No changes to the SMP or the frequency of PRR submissions are recommended at this time.

2.0 SITE OVERVIEW

2.1 Nature and Extent of Contamination – RI Program

The Site Building sub-slab vapor assessment program resulted in several VOC compounds detected in both the indoor/outdoor air samples and in the sub-slab vapor samples. Based on the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in New York State, only one sample had concentrations indicating follow-up remediation.

The Site Building exterior surface and sub-surface soils analytical results confirmed the results of prior assessments completed on the Site which indicated elevated concentrations of PAHs and metals that exceeded Part 375 Restricted Residential SCOs.

The Site Building sub-slab soils assessment indicated only a few PAH and metal compounds that slightly exceeded Part 375 Restricted Residential SCOs. As the Site Building floor slab was to remain in place for the planned future development, no further remediation was recommended for this area.

Sediment samples collected from the existing Site Building first floor drain/trench system and elevator pits exhibited concentrations of several metal compounds that exceeded Part 375 Residential and Restricted Residential Use SOCs.

Groundwater assessment indicated that only two metal compounds were detected in two of the unfiltered samples which exceeded the NYSDEC Technical and Operational Guidance Series TOGS 1.1.1 Ambient Water Quality Standards (AWQS). No metal compounds were detected at concentrations exceeding AWQS in the filtered samples. Since the Site is served by municipal water supply, and

groundwater was not planned to be used for the new development, no further action related to groundwater was recommended.

Transformer sampling indicated that three of the ten existing transformers and both fluid reservoirs did not have PCB containing oil. Results from the remaining seven transformers indicated various concentrations of PCBs with the highest being 250 ppm. Some minor soil staining proximate specific transformers indicated elevated levels of PCBs in the surface-stained areas.

2.2 Remedial Program

The Site was remediated in accordance with the remedy selected by the NYSDEC in its decision document dated November 2010. The components of the selected remedy included implementation of IRMs with an Environmental Easement and IC/EC.

IRMs

Based on the findings of the RI program (see above), the following IRMs were completed:

- Installed a SSDS beneath a portion of the ground floor slab of the Site Building (June and August 2010).
- Removed the top two feet of impacted soil from outside the Site Building footprint from across the Site and replacement with two feet of clean fill and/or cement/asphalt paving sections (April and August 2010).
- Removed sediments and cleaned Site Building floor drains and elevator shafts (April and June 2010).
- Removed and disposed of PCB transformer fluids, transformers/enclosures, and any impacted soil/materials adjacent/below transformers (March 2010).

ICs/ECs

The final remedy for the Site was defined as performing no additional cleanup activities at the Site beyond that which was already performed as IRMs with implementation of ICs and ECs as follows:

- Execution and recording of an Environmental Easement to restrict land use to Restricted Residential Use per NYSDEC Part 375 regulations and prevent future exposure to any contamination remaining at the Site along with restricted use of groundwater.
- Development and implementation of a SMP for long term management of remaining contamination including operation, monitoring and maintenance of the SSDS as required by the Environmental Easement, which includes plans for IC/ECs.

There have been no changes to the selected remedy since remedy selection with the exception of the change of the passive SSDS to an active system in January 2019.

3.0 EFFECTIVENESS/COMPLIANCE OF THE REMEDIAL PROGRAM

There have been no changes or modifications to the implemented remedy (IRMs), with the exception of the activation of the SSDS as discussed above, based on the Site Wide Inspection completed under this PRR. The current Site use effectively meets, and is in compliance with, the ICs/ECs for the Site as discussed in Section 2.0.

4.0 IC/EC PLAN COMPLIANCE REPORT

4.1 Institutional Controls

The Site has a series of ICs in the form of Site restrictions. Adherence to these ICs is required by the Environmental Easement. Site restrictions that apply to the Controlled Property are:

- The Site may only be used for Restricted Residential Use provided that the long-term IC/ECs included in the SMP are employed;
- The Site may not be used for a higher level of use, such as Unrestricted Residential Use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- All future activities on the Site that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- The use of the groundwater underlying the Site is prohibited without testing and approval of the NYSDEC and NYSDOH; and,
- Vegetable gardens and farming on the Site are prohibited.

The current Site use meets all the IC requirements. There are no recommendations for changes to the ICs.

4.2 Engineering Controls

The following Engineering Control systems were inspected for compliance to SMP requirements:

4.2.1 Soil Cover

Exposure to remaining contamination in soil/fill at the Site is prevented by a cover system placed over the Site. This cover system is comprised of a minimum of 24 inches of clean soil, asphalt/concrete pavement sections (12 inches minimum depth) and the existing concrete Site Building slab. Before placement of cover material, a geotextile fabric layer was placed as a demarcation between the clean fill and the existing soil. The Excavation Work Plan that appears in Appendix A of the SMP outlines the procedures required to be implemented in the event the cover system is breached, penetrated, or temporarily removed and any underlying remaining contamination is disturbed.

The cover system was inspected by LaBella's Julia Torres on May 7, 2021, and is in place with no apparent disturbances since its initial placement and is in compliance with the requirements of the SMP. The Site Wide Inspection Form is included in Appendix 2. Photographs taken at the time of the inspection are included in Appendix 3.

4.2.2 Sub-Sab Vapor Depressurization System

A passive SSDS was installed below the first-floor slab in the rear northeast end of the center section of the Site Building, south of the courtyard area. The system was designed to allow for conversion to an active SSDS by activating an in-line fan installed during the IRM. The SSDS was converted to an active system in January 2019 and the in-line fan was confirmed operational by LaBella on May 7, 2021, and the associated caulk seals were observed to be in good condition. To evaluate the effectiveness of the SSDS the SMP specifies sample collection from the vent stack and indoor air sampling of any unoccupied first-floor space that becomes occupied along with an ambient air sample. The air samples are to be analyzed for Target Compound List (TCL) VOCs by Environmental Protection Agency (EPA) Method TO-15. Monitoring of the SSDS and associated air sampling is discussed further in Section 5.0.

4.3 IC/EC Certification

The IC/EC Certification Form was completed in its entirety as all ICs/ECs are in place for the Site per the SMP. Appendix 4 includes the signed NYSDEC Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Form.

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 Soil Cover System Monitoring

The soil cover was inspected and appears to be in place with no disturbances since its initial placement and is in compliance with the requirements of the SMP.

5.2 Sub-Slab Depressurization System Monitoring

A passive SSDS was installed in the rear northeast end of the center section of the Site Building, south of the courtyard area. The system was made active in January 2019 by activating the in-line fan installed during the IRM. The most recent round of sampling including collection of one indoor air sample from the recently occupied hair salon (ID-8), one sub-slab port sample (SS Vent Port-2) and one ambient outdoor background air sample. According to the January 31, 2020, SMP Addendum (update to the September 2010 SMP), annual PRRs must include at least one sample from the sub-slab venting system in order to confirm the effectiveness of the system, one outdoor ambient air sample and indoor air samples from any tenant spaces that are now occupied which weren't during the previous PRR. Prior to sample collection the in-line fan of the SSDS was confirmed to be active. All samples were collected using a Summa canister and submitted for laboratory analysis for TCL VOCs by EPA Method TO-15. Sampling was generally conducted in accordance with the sub-slab and indoor air sampling procedures as specified in the SMP and associated SMP Addendum. Sample locations from May 2021 sampling event are depicted on Figure 3. Table 1 includes a summary of field sampling information for the most recent indoor and ambient air samples collected on May 7, 2021. Laboratory results associated with the sub-slab, indoor, and ambient air samples collected during this reporting period, as well as previous assessments are summarized in Table 2.

Based on the laboratory results from the samples collected during this reporting period, several VOCs were detected in the indoor, outdoor, and sub-slab vent port air samples collected and submitted for analysis. All detected VOC concentrations in the air samples were below BASE database 90th percentile values and/or May 2017 NYSDOH Indoor Air Matrices with the exception of ethanol in ID-8. Ethanol was detected during the previous sampling event at the Site at concentrations exceeding the BASE database 90th percentile values. However, ethanol was not identified as a contaminant of concern. Ethanol is commonly found in cleaning chemical and disinfecting products. The elevated concentration of ethanol detected in the April 2020 indoor air Gym sample (ID-7) was attributed to the reported, recent use of cleaning chemical and disinfecting products in this area of the Site Building. The elevated concentration of ethanol in the May 2021 indoor air salon sample (ID-8) was likely also attributed to the use of cleaning chemical and disinfecting products and/or hair products in this area of the Site Building. A copy of the NYSDOH Indoor Air Quality questionnaire and Building Inventory can be found in Appendix 5.

The results of the April 2020 and May 2021 sampling appear to be generally similar. The vent port sampling results are generally lower than the previous vent port sampling results. Based on the results from the sampling event conducted during this reporting period, the SSDS appears to be performing properly and remains effective and protective of public health and the environment. The laboratory analytical report for the May 7, 2021, samples is included in Appendix 6.

5.3 Comparisons with Remedial Objectives

The Site cover system and SSDS monitoring was performed in accordance with the SMP and associated Addendum and included the annual visual inspection of the cover system components and the SSDS, and collection of sub-slab and indoor air samples. As described in Section 4.2, the cover system was observed to be intact and functioning as intended, the SSDS is active and operating as intended, and the ECs are continuing to satisfy the remedial objectives for the Site. As summarized in Section 5.2, based on the sampling conducted during this reporting period, the indoor air sample results do not appear to indicate an indoor air quality concern at this time. The SSDS appears to be successfully mitigating vapor intrusion within the Site Building at this time.

5.4 Monitoring Deficiencies

No monitoring deficiencies were noted or experienced during the completion of the PRR.

5.5 Monitoring Conclusions and Recommendations

The procedures utilized to evaluate the performance and effectiveness of the ECs were conducted in accordance with the SMP and associated Addendum and verified that the cover system and SSDS are functioning as intended. No changes to the monitoring plan are recommended.

6.0 OPERATION & MAINTENANCE COMPLIANCE REPORT

An in-line fan has been installed and activated as part of the SSDS in the vent stack near the ceiling of the first floor of the Site Building to draw a vacuum on the system. At the time of the annual inspection the fan was confirmed to be active and caulk seals were inspected and were deemed satisfactory. No operation and maintenance deficiencies were noted during the inspection.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Annual inspection of the Site and sub-slab, and indoor air sampling was performed on May 7, 2021, by LaBella as prescribed in the SMP and associated Addendum. As a result of the inspection and sampling, LaBella has determined that the Site is in compliance with all elements of the SMP, including the Engineering & Institutional Control Plan, the Site Monitoring Plan, and the Operations & Maintenance Plan. No deficiencies or failures to satisfy the requirements of the SMP were identified.

As reflected by the signed Institutional and Engineering Controls Certification Form (Appendix 4), LaBella has concluded that:

- The required EC/ICs are in place, are performing properly, and remain effective;
- The Site Monitoring Plan is being implemented;
- Operation and Maintenance activities are being conducted properly; and,
- The remedy continues to be protective of public health and the environment and is performing as specified in the RAWP and FER.

No changes to the inspection, reporting or certification frequency prescribed in the SMP are recommended.

We appreciate the opportunity to serve your professional environmental engineering needs. If you have any questions, please do not hesitate to contact me at (716) 840-2548.

Respectfully submitted,

LABELLA ASSOCIATES, D.P.C.

Chris Kibler
Project Manager
Environmental Professional

Julia Torres
Environmental Analyst

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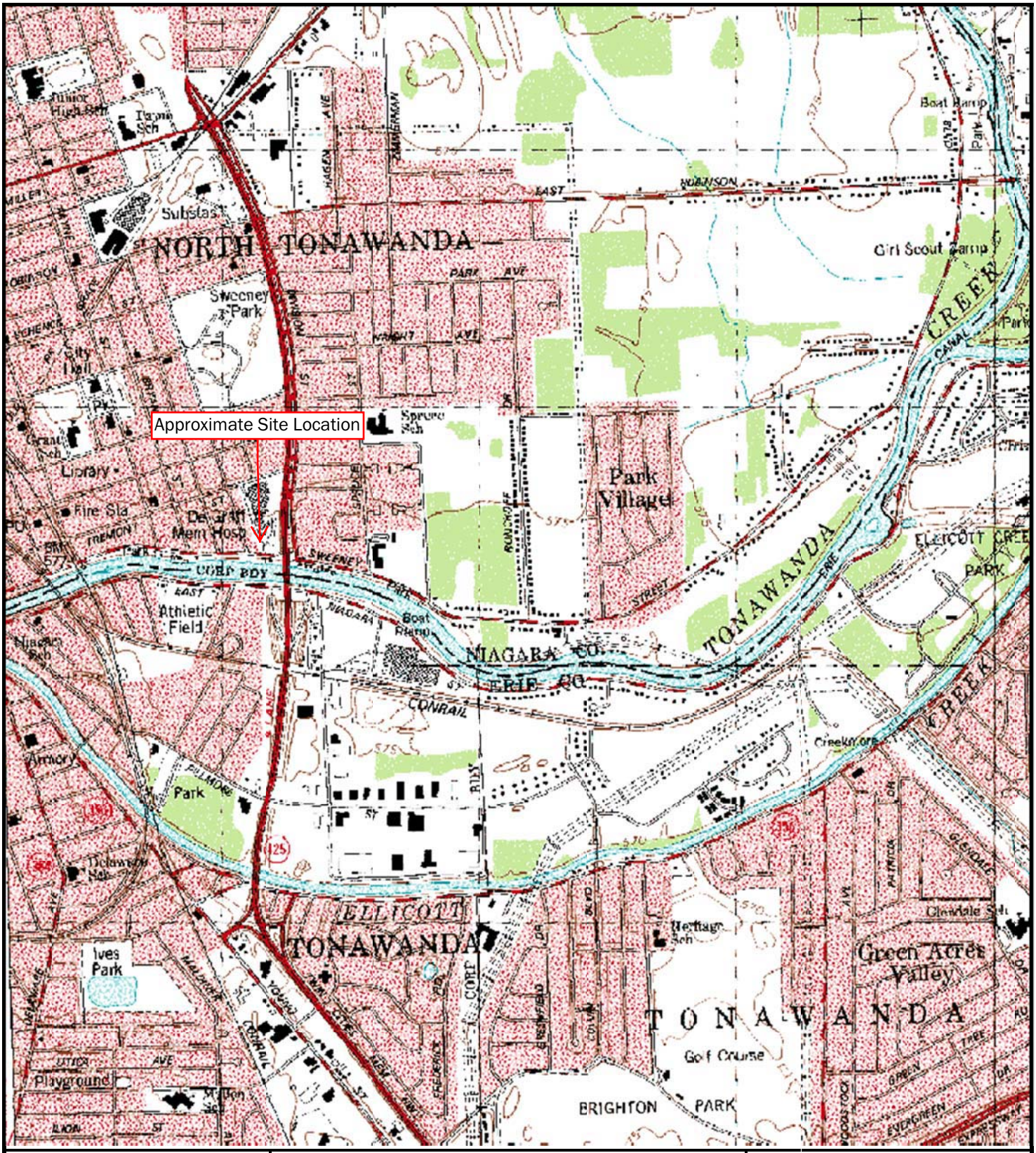
FIGURES



N

NOT TO SCALE

FIGURE 1

SITE LOCATION MAP

184 & 185 Sweeny Street
North Tonawanda, New York 14120

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FIGURE 2

SITE BASE MAP

184 & 185 Sweeny Street
North Tonawanda, New York 14120

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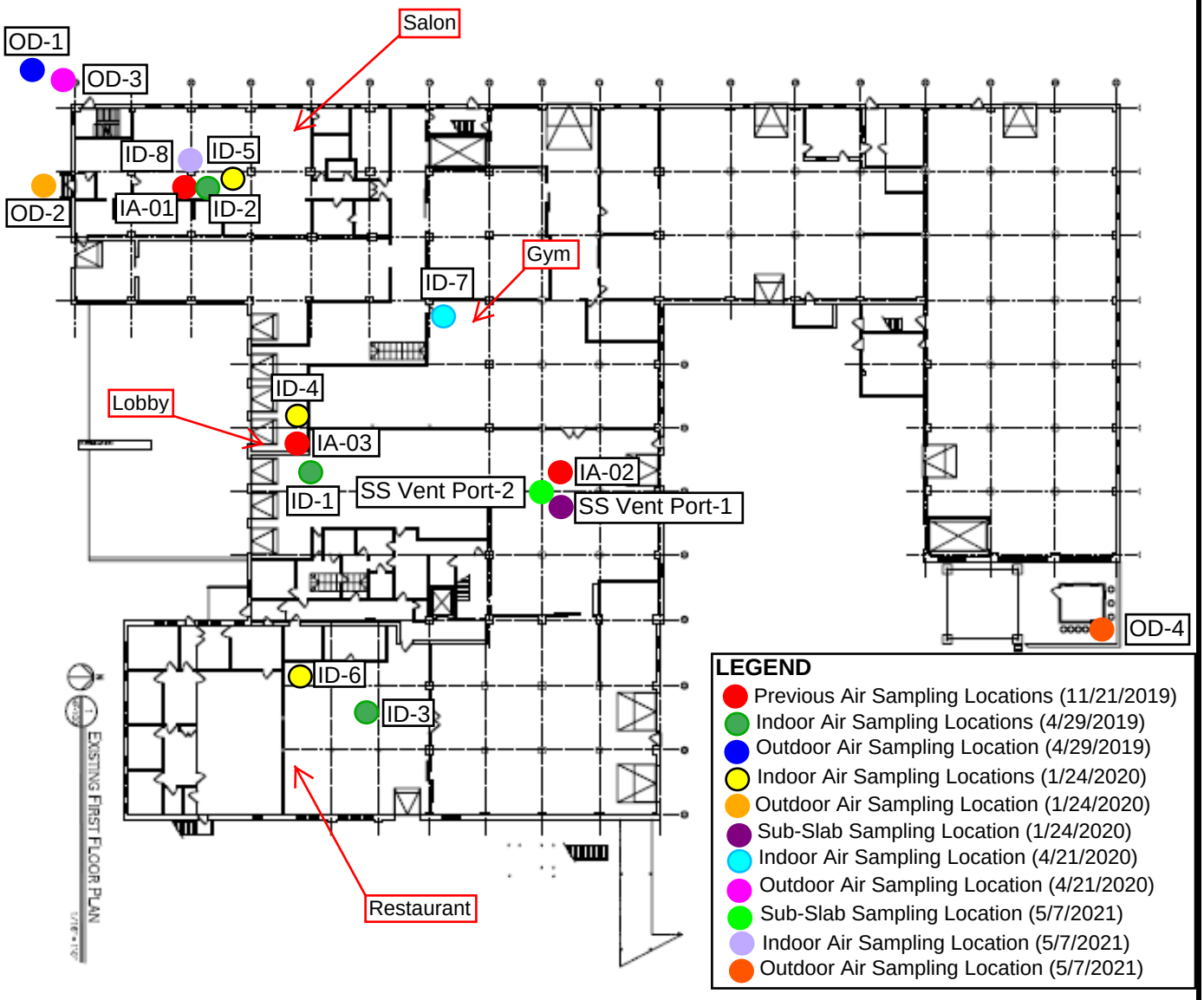

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FIGURE 3

INDOOR AIR AND SUB-SLAB SAMPLING LOCATIONS

184 Sweeney Street
North Tonawanda, New York 14210

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TABLES

Table 1
Supplemental Indoor Air and Sub-Slab Sampling
184 & 185 Sweeney Street, North Tonawanda, New York
Field Sampling Log

Sample ID	ID-8	SS Vent Port-2	OD-4
Location	Salon	Parking Garage	Ambient Outdoor Air
Date	5/7/2021	5/7/2021	5/7/2021
Canister Number	2760	387	3178
Regulator Number	0783	02051	0841
Start Time	0814	0821	0838
Reading (in Hg)	-30.43	-30.11	-29.59
End Time	1614	1621	1638
Reading (in Hg)	-8.34	-7.29	-4.28

- Date: 5/7/2021
- Temperature: 43 degrees Fahrenheit
- Barometric Pressure: 30.03 in
- Wind Direction: NNE at 5 mph

Table 2
Remington Lofts
184-185 Sweeney Street, North Tonawanda, New York
Summary of Analytical Results

Sample Number	RR-AA-01	RR-AA-02	RR-AA-03	RR-AA-04	RR-AA-05	RR-AMP-01	RR-SA-01	RR-SA-02	RR-SA-03	RR-SA-04	RR-SA-05	RR-SA-06	RR-SA-07	RR-PVC-01	JC573-1	SS-01	S2-01	1A-01	1A-02	1A-03	ID1	ID2	ID3	OD1	ID-4	ID-5	ID-6	SS Vent Port-1	OD-2	ID-7	0D-3	ID-8	SS Vent Port-2	0D-4	BASE Indoor
Sample Date	5/12/2009	5/12/2009	5/12/2009	5/12/2009	5/12/2009	9/13/2012	5/12/2009	5/12/2009	5/12/2009	5/12/2009	5/12/2009	5/12/2009	5/12/2009	9/13/2012	7/31/2015	6/28/2018	8/27/2018	11/21/2018	11/21/2018	11/21/2018	4/15/2019	4/15/2019	4/15/2019	4/15/2019	1/24/2020	1/24/2020	1/24/2020	1/24/2020	1/24/2020	4/21/2020	4/21/2020	5/7/2021	5/7/2021	5/7/2021	
Sample Location	Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	SubSlab	SubSlab	SubSlab	SubSlab	SubSlab	SubSlab	SubSlab	Vent Port	Vent Port	Vent Port	Vent Port	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor	Indoor	Indoor	Indoor	Vent Port	Outdoor	Indoor	Outdoor	Indoor	Vent Port	Outdoor	
Compounds	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	
VOCs EPA T0-15																																			
Ethylbenzene	ND	ND	0.38	0.44	ND	4.2	1.5	11	4.4	3.7	4.7	7.2	6.0	0.61	3.0	6.4	2.6	0.69	3.3	3.3	ND	0.886	ND	ND	ND	ND	ND	2.25	ND	ND	ND	ND	1.01	ND	5.7
Trichlorofluoromethane	1.4	I.4	2.2	1.9	2.1	ND	83	2.2	2	2,0	8.9	5.8	2.7	ND	1.7	ND	ND	ND	ND	ND	1.16	1.18	ND	ND	1.15	1.15	1.15	1.15	1.12	1.64	1.28	ND	ND	ND	18.1
n-Hexane	ND	0.82	ND	1.1	ND	ND	1.3	14	7.9	2.3	5.7	26	4.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.21	ND	0.775	0.878	ND	3.23	ND	2.88	1.61	0.733	ND	ND	10.2
tert-Butyl alcohol	ND	ND	ND	ND	ND	ND	L2	4.1	3.8	5.0	5.6	62	9.7	ND	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.89	ND	ND	NL
Methylene chloride	9.3	1.2	2.2	12	2.1	1.2	13	3.4	6.3	2.1	11	3.4	1.5	0.22	1.9	1.8	ND	0.63	ND	0.42	ND	ND	ND	1.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Benzene	0.57	1.4	1.2	1.1	0.67	1.9	33	84 E	2.9	1.4	3.7	5.8	1.5	0.49	9.3	8.9	6.0	1.3	5.7	5.6	1.28	2.31	0.856	ND	1.57	1.80	1.27	6.55	ND	1.65	ND	1.63	2.55	ND	9.4
Styrene	ND	ND	9.3	ND	ND	2.0	ND	1.7	0.57	1.6	470 E	5.0	1.0	0.27	2.0	1.1	1.4	ND	0.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9
Tetrachloroethylene	ND	ND	ND	ND	ND	0.27	8.0	6.3	9.0	5.7	5.7	13	ND	ND	7.5	1.4	30	ND	ND	ND	ND	ND	0.231	0.353	0.298	0.644	0.298	ND	ND	ND	ND	0.163	ND	0.746	15.9
Toluene	1.6	2.6	2.6	2.5	1.4	42	1.0	55	62	6.0	5.5	23	7.9	3.0	50.9	96	110	25	15	14	2.47	4.67	1.36	1.19	2.60	2.97	1.96	14.4	0.889	4.41	1.80	4.56	6.93	ND	43
1,1,1-Trichloroethane	ND	ND	ND	0.54	ND	ND	1.5	8.2	670 E	92	2.8	1.5	5.8	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.6
Trichloroethene	ND	0.32	ND	0.74	ND	0.5	2.1	ND	4.0	3.8	0.64	0,37	ND	0.09	3.3	65	63	19	1.7	0.54	0.199	ND	ND	0.15	ND	ND	0.129	ND	ND	ND	ND	ND	ND	0.226	4.2
1,2,4-Trimethylbenzene	ND	ND	0.56	0.53	ND	1.0	1.4	15	2.5	2.1	3.1	4.9	2.5	0.37	4.6	9.8	7.3	0.93	4.5	4.5	ND	ND	ND	ND	ND	ND	ND	3.01	ND	ND	ND	ND	1.03	ND	9.5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.41	0.58	9.2	0.97	0.95	1.4	3.0	0.94	0.15	1.5	3.3	2.2	ND	1.3	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.7
o-Xylene	ND	ND	0.55	0.58	ND	1.9	1.9	2.4	8.5	5.7	5	8.7	9.6	0.32	4.3	6.9	2.7	0.91	4.0	4.0	ND	1.08	ND	ND	ND	ND	ND	3.04	ND	ND	ND	ND	1.23	ND	7.9
1,1,2-Trichlorotrifluoroethane	ND	ND	0.69	ND	ND	ND	0.67	0,63	ND	0.63	0.75	0.63	0.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
2,2,4-Trimethylpentane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	5.9	2.8	0.79	6.2	6.0	ND	1.59	ND	ND	ND	1.01	ND	6.59	ND	1.35	ND	47.6	2.34	ND	NL
Total xylenes	0.92	0.62	1.5	1.4	0.71	6.4	8.2	48	18	17	18	35	27	1.4	11	13	8.5	2.1	12	12	ND	2.73	ND	ND	ND	ND	ND	8.04	ND	1.82	ND	2.18	4.64	ND	22.2
Bromodichloromethane	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	15	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
2-Butanone (MEK)	1.6	1.0	1.2	2.0	3.7	80	4.3	16	8.2	8.7	7.4	12	13	4.6	3.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12
Methyl Ethyl Ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46	22	2.7	1.7	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12
Methyl Isobutyl Ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	1.5	7.7	ND	0.61	0.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	4.7	ND	2.2	ND	ND	ND	2.9	L2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.0
Carbon tetrachloride	0.66 J	0.67 J	0.85 J	0.82 J	0.84 J	0.15	0.75 J	0.62 J	0.84 J	0.7 J	1.5 J	0.73 J	1.4 J	0.73	ND	ND	ND	0.57	0.5	0.57	0.415	0.409	0.421	0.453	0.484	0.604	0.491	ND	0.522	0.579	0.554	0.39	ND	0.371	<1.3
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
Chloroform	ND	ND	ND	ND	ND	0.22	3.2	0.5	2.1	2.8	120	9.5	0.42	ND	ND	3	0.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
Chloromethane	0.82	0.89	1.3	13	1.5	0.61	ND	0.78	3.8	ND	ND	0.48	ND	0.15	0.5	0.83	0.39	0.74	0.76	0.74	1.23	1.2	1.16	1.15	0.927	0.896	0.962	0.861	0.938	1.30	1.14	0.989	0.964	0.975	3.7
Cyclohexylamine	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	17	19	12	5.0	15	34	ND	4.5	3.0	6.1	18	3.6	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.926	ND	ND	ND	ND	NL
Dichlorodifluoromethane	2.2	23	2.6	2.6	2.8	ND	4.0	2.9	2.6	1.3	3.1	2.8	2.3	ND	ND	ND	ND	ND	ND	ND	1.48	1.91	1.32	ND	2.32	2.31	2.31	2.28	2.33	2.73	2.62	1.97	1.96	2.03	16.5
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.96	ND	NO	1.5	57	ND	ND	ND	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.7
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	0.19	ND	ND	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.9
4-Ethyltoluene	ND	ND	ND	ND	ND	0.98	ND	ND	ND	ND	ND	ND	ND	0.22	1.2	ND	1.7	ND	1.2	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
Acetone	ND	ND	ND	ND	ND	360	ND	ND	ND	ND	ND	ND	ND	46	30.2	68	68	21	25	25	2.49	5.49	6.15	ND	5.87	3.40	4.44	4.94	4.16	7.27	2.92	12.6	6.2	4.66	98.9
Carbon disulfide	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	1.1	0.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2
Ethyl acetate	ND	ND	ND	ND	ND	4.6	ND	ND	ND	ND	ND	ND	ND	0.72	ND	18	9.4	2.0	1.1	0.97	ND	ND	ND	7.14*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.4
Freon 11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	1.2	1.5	1.5	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
Freon 12	ND	ND	ND	ND	ND	0.59	ND	ND	ND	ND	ND	ND	ND	0.14	ND	2.6	2.0	2.4	2.5	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
Heptane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	1.7	5.4	5.5	0.82	3.4	3.4	ND	ND	ND	ND	ND	ND	ND	1.76	ND	1.38	ND	0.82	1	ND	NL
Isopropyl alcohol	ND	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	1.8	4.9	52	73	6.1	5.4	4.6	ND	ND	5.21	ND	22.0	3.42	7.92	7.23	ND	10.1	ND	600	38.1	2.33	NL
Methyl tert-butyl ether	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	0.25	ND	ND	0.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.5
Tetrahydrofuran	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND	0.22	1.2	ND	ND	ND	ND	ND	ND	ND	ND	8.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL
Ethanol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.5	ND	ND	ND	ND	ND	52.9	49.2	174	27.5	57.7	29.6	203	174	ND	936	18.0	1,480	275	12.3	210
Hexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2	61	12	4.0	4.3	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.733	ND	ND	NL
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.202	<1.9
1,3-Butadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.790	ND	ND	ND	ND	ND	ND	<3.0
Propylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NL

N/A - Not Applicable ND - Non-detect NA- Not analyzed NL- Not listed
E - Estimated result due to exceeding calibration range
BASE Indoor = Table C2. Environmental Protection Agency (EPA): Building assessment and survey evaluation (BASE) database, SUMMA canister method for indoor air 90th percentile
Concentrations in grey exceed BASE Indoor

APPENDIX 1

Boundary Survey

Legend of Symbols & Abbreviations

SM	SANITARY MANHOLE	FENCE	CONC. CONCRETE
S	SANITARY CLEAN OUT	SA SANITARY SEWER LINE	REC. RECORD
SD	STORM MANHOLE	G GAS LINE	MEAS. MEASURED
SD	STORM INLET	W WATER LINE	N. NORTH
	WATER VALVE	E ELECTRIC WIRES	S. SOUTH
	FIRE HYDRANT	OH OVERHEAD UTILITY WIRES	E. EAST
	GAS VALVE	GUY WIRE	W. WEST
	GAS REGULATOR		No. NUMBER
G	GAS METER		L. LIBER
	UTILITY POLE		P. PAGE
E	ELECTRIC METER		SQ. FT. SQUARE FEET
T	TELEPHONE MANHOLE		° DEGREES
	MONITOR WELL		' FEET OR MINUTES
			" INCHES OR SECONDS

Soil and Pavement Sections Cover System

Miscellaneous Notes

(MN1) No observed evidence of the location of cemeteries or burial grounds.

(MN2) No designated parking spaces.

(MN3) Institutional and Engineering Controls provided by Panamerican Environmental, Inc.. Revised map on 8/11/10 to show Institutional and Engineering Controls. No field work was performed by James L. Shisler L.S., P.C. and James L. Shisler L.S., P.C. accepts no responsibility as to the accuracy of the statements in the Institutional and Engineering Controls section.

(MN4) Two block buildings and a retaining wall with fence removed 8/21/10. No field work was performed.

(MN5) With the exception of the tower, preexisting site features have been removed as a result of remediation. No field work was performed. Map revised 8/27/10.

Utility Notes

(UN1) The locations of utilities shown hereon were determined from observation of ground appurtenances.

(UN2) The exact locations of utility lines (i.e. electric, telephone, gas, water, sanitary sewer and storm sewer) entering the subject property and the points of entry of such utilities into the subject property's building could not be determined.

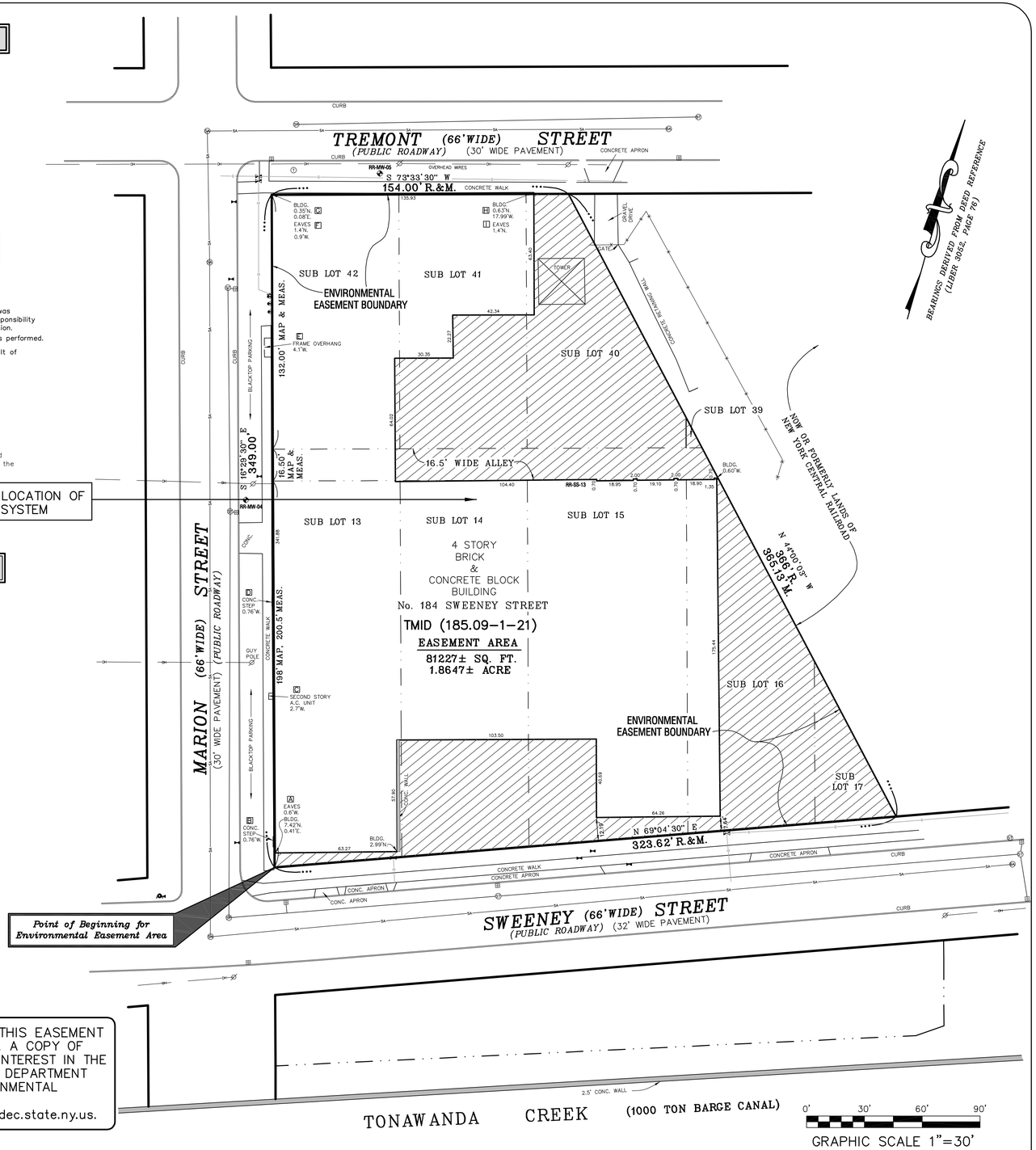
APPROXIMATE LOCATION OF SOIL VENTING SYSTEM

Statement of Possible Encroachments

[A] Subject property's eave encroaches up to 0.6'W.
[B] Subject property's concrete step encroaches up to 0.76'W.
[C] Subject property's second story air conditioning unit encroaches up to 2.7'W.
[D] Subject property's concrete step encroaches up to 0.76'W.
[E] Subject property's frame overhang encroaches up to 4.1'W.
[F] Subject property's eave encroaches up to 0.6'W. & 0.9'W.
[G] Subject property's building encroaches up to 0.35'N.
[H] Subject property's building encroaches up to 0.63'N.
[I] Subject property's eave encroaches up to 1.4'N.

Easements & Right of Ways

No Easements or Right of Ways appeared in Monroe Title Abstract No. 525799 dated December 4, 2009.



THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION.
625 BROADWAY, ALBANY, NY 12233 OR AT derweb@gw.dec.state.ny.us.

ENVIRONMENTAL EASEMENT AREA ACCESS
THE DEC OR THEIR AGENT MAY ACCESS THE ENVIRONMENTAL EASEMENT AS SHOWN HEREON THROUGH ANY EXISTING STREET ACCESS OR BUILDING INGRESS/EGRESS ACCESS POINT

0' 30' 60' 90'
GRAPHIC SCALE 1"=30'

0M 10M 20M 30M
GRAPHIC SCALE (METERS)

PART OF BOOK 17 OF MICROFILMED MAPS, PAGE 1687 & PAGE 1642
PART OF LOT NO. 81, MILE RESERVE
CITY OF NORTH TONAWANDA, COUNTY OF NIAGARA AND STATE OF NEW YORK

Legal Description

ENVIRONMENTAL EASEMENT AREA

All that tract or parcel of land, situate in the City of North Tonawanda, County of Niagara and State of New York, being part of Lot No. 81 of the Mile Reserve as shown on a map made by Peter Emslie and filed in the Niagara County Clerk's Office on February 10, 1849, now in Book 17 of Microfilmed Maps at page 1642 and also on a map made by B.F. Betts and filed in the Niagara County Clerk's Office on March 31, 1888, now in Book 17 of Microfilmed Maps at page 1687, bounded and described as follows:

Beginning at the point of intersection of the northerly line of Sweeney Street with the easterly line of Marion Street;

Thence N 69° 04' 30" E along the northerly line of Sweeney Street and along the southerly lines of Subdivision Lot Nos. 13, 14, 15, 16 and 17, a distance of 323.62 feet to the southwesterly line of lands now or formerly owned by the New York Central Railroad;

Thence N 44° 00' 03" W and through Subdivision Lot Nos. 17 and 16, a 16.5 foot alleyway and Subdivision Lot No. 40, a distance of 365.13 feet to the southerly line of Tremont Street;

Thence S 73° 33' 30" W along the southerly line of Tremont Street 154.00 feet to the easterly line of Marion Street;

Thence S 16° 29' 30" E along the easterly line of Marion Street 349.00 feet to the point or place of beginning, containing 1.8647 acres (81,227 square feet) of land more or less.

The above described is the same land as described in Monroe Title Abstract No. 525799, Parcel "A", dated December 4, 2009.

INSTITUTIONAL/ENGINEERING CONTROLS

INSTITUTIONAL CONTROLS

- The property may only be used for restricted residential use provided that the long-term Engineering and Institutional Controls included in this SMP are employed.
- The property may not be used for a higher level of use, such as unrestricted or residential use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC.
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with this SMP.
- The use of the groundwater underlying the property is prohibited without testing and approval of the NYSDEC and NYSDOH.
- Vegetable gardens and farming on the property are prohibited.

ENGINEERING CONTROLS

Soil and Pavement Sections Cover System – Removed the top two feet of existing site soil from all open green areas and a minimum of one foot of soil from areas to be covered with paving sections (roads, sidewalks, etc.). A minimum of two feet of approved clean fill was placed over all green space and a minimum of a one foot thick paving section (stone, concrete/asphalt) placed for roadways, sidewalks, etc. (see cross hatched area).

Sub-Slab Vapor Ventilation System – Venting system to be tested and a vapor and ambient air sample collected at 6 month intervals and results reviewed by NYSDEC.

Soil and Pavement Sections Cover System

ALTA/ACSM Land Title Survey

Remington Rand Site #C932142
184 Sweeney Street, North Tonawanda, N.Y.

JAMES L. SHISLER, L.S., P.C.
PROFESSIONAL LAND SURVEYORS

P.O. BOX 516
EAST AURORA, NEW YORK 14052-0516

Phone: 716-655-1058
Fax: 716-655-1964
Email: shisurv@gmail.com

Date of Survey: May 15, 2009
Date of Last Revision: August 27, 2010

Job No. 09177
Sheet No. E-2018

Sheet 1 of 1

APPENDIX 2

Site Wide Inspection Form

LaBella Associates, D.P.C.
300 Pearl Street, Suite 130
Buffalo, New York 14202

SITE WIDE INSPECTION FORM

Date: May 7, 2021

Site Name: Remington Lofts – NYSDEC Site # C932142

Location:
184 Sweeney Street, North Tonawanda, New York

General Site Conditions:

Facilities and grounds are well-maintained

Weather Conditions: Cloudy, 39 F

Compliance/Evaluation ICs and ECs :

The property is in compliance with the ICs/ECs. The cover system is in-tact and well-maintained. No excavations into the cover system were observed. The vapor system is on and functioning.

Site management Activities (sampling, H & S Inspection, etc.):

Vapor system was on and functioning. The in-line fan in the vent stack near the ceiling of the first floor of the Site Building was observed to be active and drawing vacuum. Caulk seems were also inspected and deemed satisfactory.

Compliance with Permits and O & M Plan:

Site appears to be in compliance with O&M Plan

Records Compliance:

During this reporting period indoor and sub-slab air sampling has occurred at the request of the NYSDEC and NYSDOH due to elevated concentrations detected in sub-slab and indoor air in 2018. Summary reports were previously submitted to the NYSDEC and NYSDOH. Additionally, as the SSDS was changed from a passive system to an active system the an addendum to the SMP was generated and submitted.

General Comments:

Property and compliance systems appear to be well maintained and functioning. No additional comments – refer to attached photographs

INSPECTOR'S NAME: Julia Torres

APPENDIX 3

Photographs

North exterior Site Building

East exterior Site Building

Eastern courtyard

Entrance to parking garage

Eastern Site

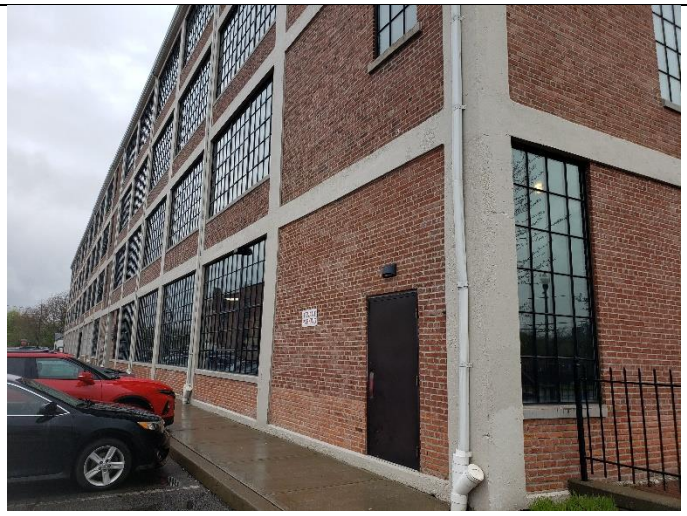
Eastern Site

East exterior Site Building

East exterior Site Building

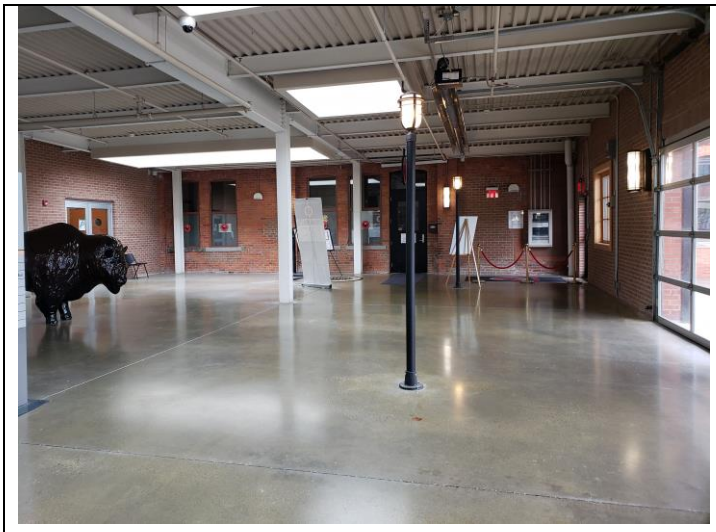
South exterior Site Building

South exterior Site Building

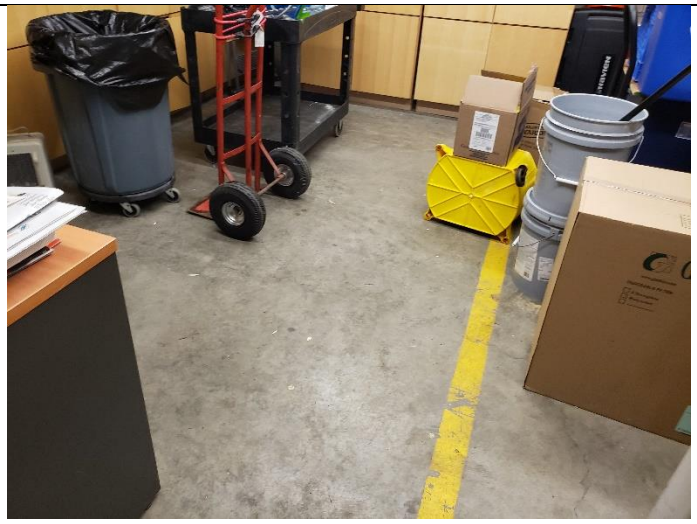


West exterior Site Building

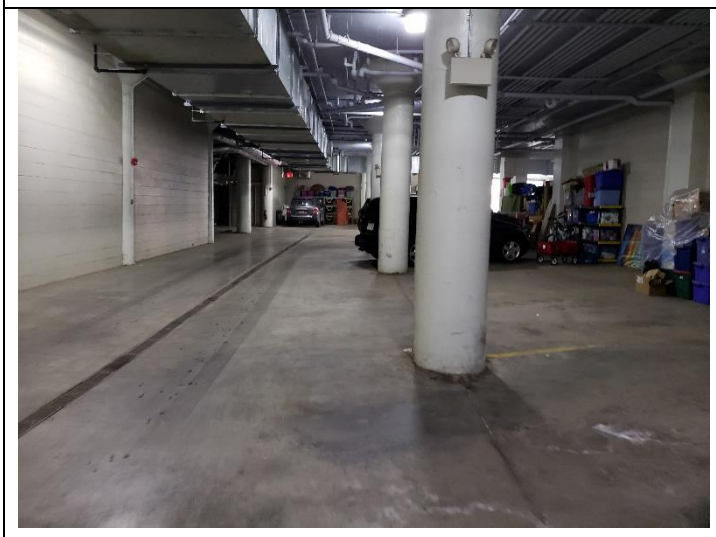
West exterior Site Building



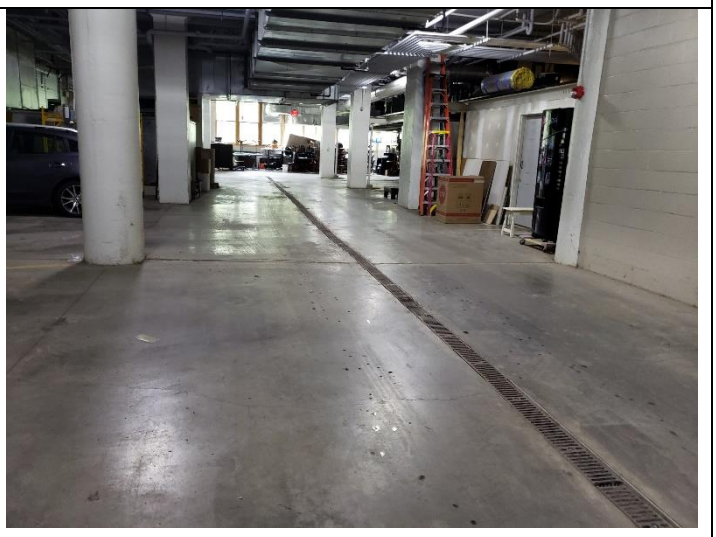
Lobby



Storage area



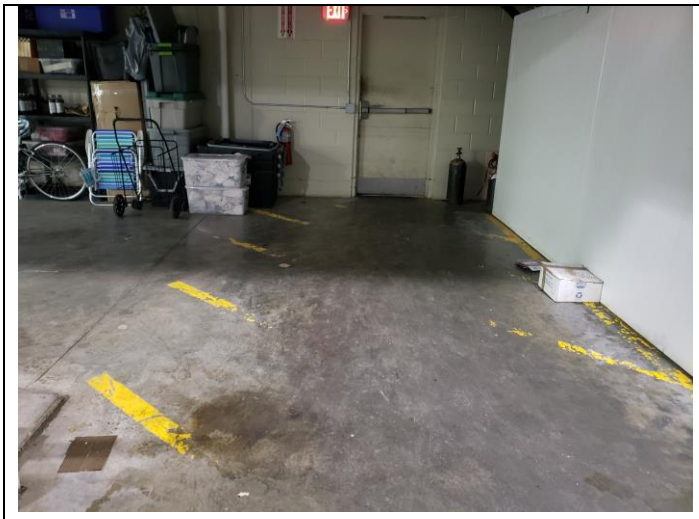
Parking Garage



Parking Garage

Parking Garage

HVAC system associated with Remington Tavern



Rear entry to Remington Tavern

Property maintenance storage

SSDS System
Access Point

Active fan associated with SSDS system

Apartment HVAC

Apartment HVAC

APPENDIX 4

Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C932142

Site Name Remington Rand Building

Site Address: 184 Sweeney Street Zip Code: 14120
City/Town: North Tonawanda
County: Niagara
Site Acreage: 1.800

Reporting Period: May 20, 2020 to May 20, 2021

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C932142 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
185.09-1-21	Gold Wynn Remington Lofts, LLC	Monitoring Plan O&M Plan Ground Water Use Restriction Landuse Restriction Site Management Plan IC/EC Plan

Environmental Easement;September 1,2010 - BCA Index No: B9-0780-08-06 as property control for Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), 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).

Box 4

Description of Engineering Controls

Parcel	Engineering Control
185.09-1-21	Vapor Mitigation Cover System

Soil cover and/or pavement placed over residual soil contamination. Sub-Slab passive depressurization system placed in a portion of the building to control potential vapor intrusion. Easement requires compliance with the Site Management Plan. Future intrusive activities and soil handling at the facility must be in accordance with the Excavation Work Plan found in the SMP.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C932142

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I ERIC KAGER (print name) at 184 SWEENEY ST, NORTH TONAWANDA, NY 14120 (print business address)

am certifying as GOLD WYNN REMINGTON LOFTS, LLC (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

5-12-21
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Chris Kibler at LaBella Associates, D.P.C., 300 Pearl Street, Buffalo, New York 14202,
print name print business address

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

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		5/12/2021

APPENDIX 5

NYSDOH Indoor Air Quality Questionnaire and
Building Inventory Center for Environmental Health

OSR – 3

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 Julia Torres Date/Time Prepared 5/7/21

Preparer's Affiliation LaBella Associates Phone No. _____

Purpose of Investigation 2021 PRR NYSDEC BCP Site #C932142

1. ~~OCCUPANT~~: Representative

Interviewed: (Y) / N

Last Name: Zuch Vern First Name: _____

Address: 298 Main St, Suite 222

County: Erie

Home Phone: _____ Office Phone: 716.603.9228

Number of Occupants/persons at this location _____ Age of Occupants _____

2/3 Residential Apts 1/3 commercial
Hair Salon
Tavern Restaurant
Fitness Area

~~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	(K) 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: ~~Apartment~~

If multiple units, how many? 82 on 3 floors Building

If the property is commercial, type?

Business Type(s) Hair Salon, Restaurant, Fitness Center

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

Other characteristics:

Number of floors 4 Building age 1890 updated 2009 Former factory

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

Outside walls not insulated
Inside wall insulated

4. AIRFLOW

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

Airflow between floors

Air exchange between floors minimal
Elevator doors, going between floors pushes air
3 different A/C units one per apartment floor seeps into elevator shaft

Airflow near source

Zero airflow @ source

Outdoor air infiltration

Four ~~Three~~ major garage doors, dozen windoors, every apartment windows, hair salon opens windows, restaurant windows stay shut periodically air (makeup) system for exchanging garage air

Infiltration into air ducts

none

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 N/A
c. Basement floor:	concrete	dirt	stone	other N/A
d. Basement floor:	uncovered	covered	covered with N/A	
e. Concrete floor:	(unsealed)	sealed	sealed with _____	
f. Foundation walls:	(poured)	block	stone	other _____
g. Foundation walls:	(unsealed)	sealed	sealed with _____	
h. The basement is: N/A	wet	damp	dry	moldy
i. The basement is: N/A	finished	unfinished	partially finished	
j. Sump present?	Y /(N)			
k. Water in sump?	Y / N /(not applicable)			

Basement/Lowest level depth below grade: _____(feet) slab - on - grade

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

End of trench drain in parking garage where plumbing removes moisture

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 _____

forced air w/ A/C

The primary type of fuel used is:

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

Domestic hot water tank fueled by: gas

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

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

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.

See picture Closed system in each apartment

7. OCCUPANCY

(commercial) occupied during business hours

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)
Basement	
1st Floor	
2nd Floor	Apartments full-time
3rd Floor	
4th Floor	

8. FACTORS THAT MAY influence INDOOR AIR QUALITY

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

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

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

d. Has the building ever had a fire? Y / N When? 30 years ago (nothing since 2009) contents vehicle fire

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? Small property maintenance

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

h. Have cleaning products been used recently? (Y) / N When & Type? Everyday no industrial cleaners common areas

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

j. Has painting/staining been done in the last 6 months? (Y) / N Where & When? In each apartment during turnover

k. Is there new carpet, drapes or other textiles? no no (Y) / N Where & When? Salon new shades

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

m. Is there a kitchen exhaust fan? (Y) / N If yes, where vented? All apartments & tavern

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

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

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

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

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

If yes, what types of solvents are used? general hair products

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

There is a SSDS system

Is there a radon mitigation system for the building/structure? (Y) / N Date of Installation: 2010
Is the system active or passive? (Active)/Passive

9. WATER AND SEWAGE

Water Supply:	(Public Water)	Drilled Well	Driven Well	Dug Well	Other: _____
Sewage Disposal:	(Public Sewer)	Septic Tank	Leach Field	Dry Well	Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

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

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

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

11. FLOOR PLANS

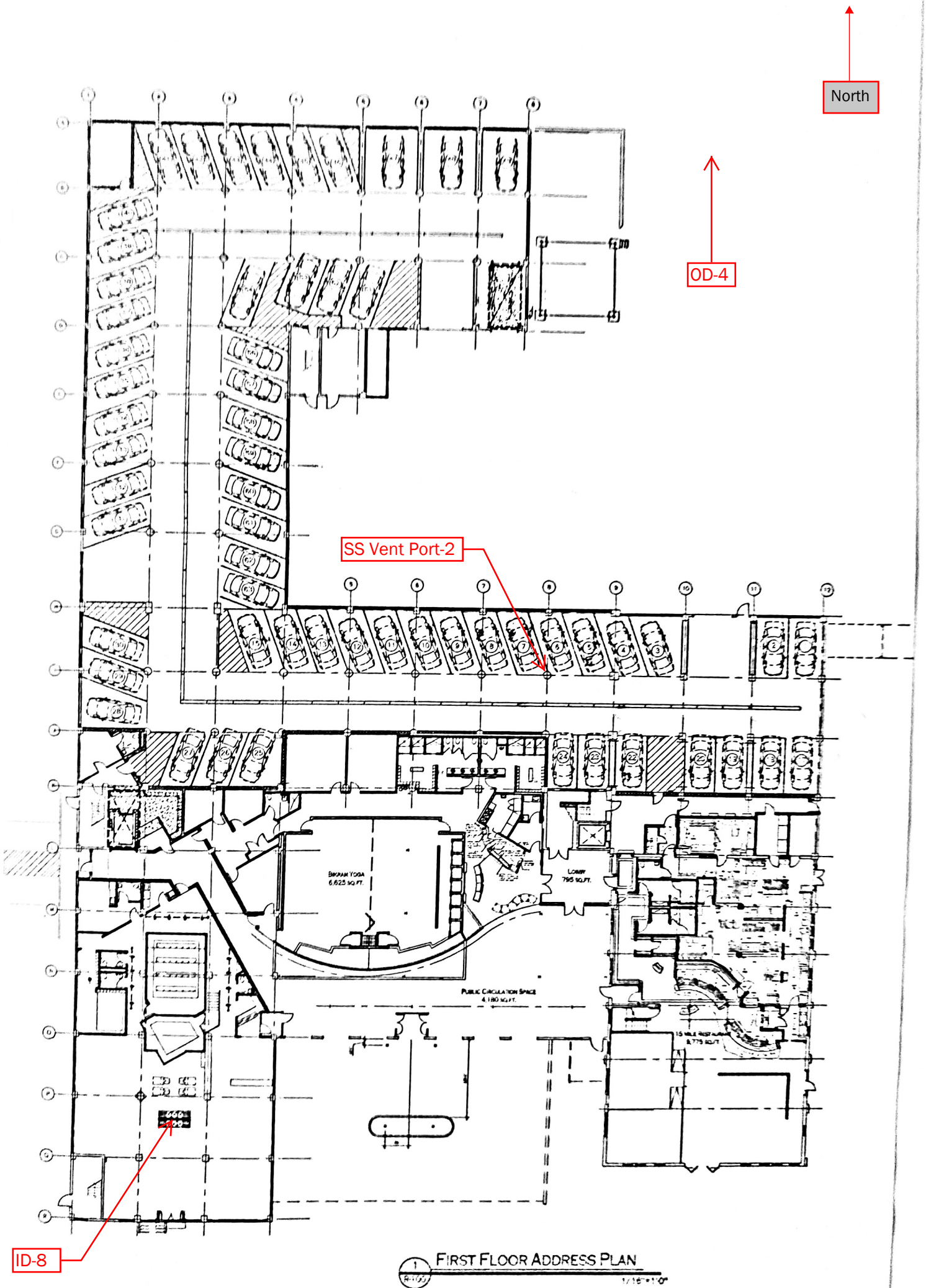
Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

Not applicable

First Floor:

See next page


North
OD-4
SS Vent Port-2
ID-8
BIKRAM YOGA
6,625 SQ.FT.
LOBBY
795 SQ.FT.
PUBLIC CIRCULATION SPACE
4,180 SQ.FT.
FIRST FLOOR ADDRESS PLAN

13. PRODUCT INVENTORY FORM

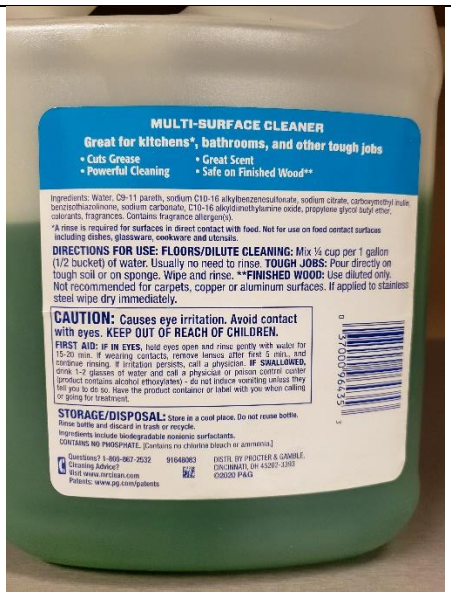
Make & Model of field instrument used: _____

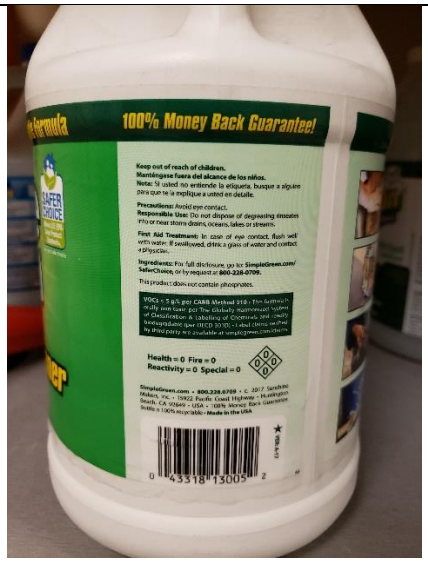
List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
			See attached photos			

* 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.


Windex
COMMERCIAL LINE
Unbeatable Streak-Free Shine*. Guaranteed**
Works Great On:
DIRECTIONS:
INSTRUCCIONES DE USO:
EASY POUR BOTTLE
Environmental Facts
KEEP OUT OF REACH OF CHILDREN AND PETS
MANTENGASE FUERA DEL ALCANCE DE LOS NIÑOS Y LAS MASCOTAS
www.windex.com


MULTI-SURFACE CLEANER
Great for kitchens*, bathrooms, and other tough jobs
• Cuts Grease
• Powerful Cleaning
• Great Scent
• Safe on Finished Wood**
DIRECTIONS FOR USE: FLOORS/DILUTE CLEANING:
CAUTION: Causes eye irritation. Avoid contact with eyes. KEEP OUT OF REACH OF CHILDREN.
STORAGE/DISPOSAL:
CONTAINS NO PHOSPHATE.


100% Money Back Guarantee!


CLOROX
Germicidal Bleach
CONCENTRATED
Kills 99.9% of Germs
Kills 99.9% of E.coli and Salmonella
KEEP OUT OF REACH OF CHILDREN
DANGER: CORROSIVE
3.78 QT
(121 FL OZ) 3.57 L

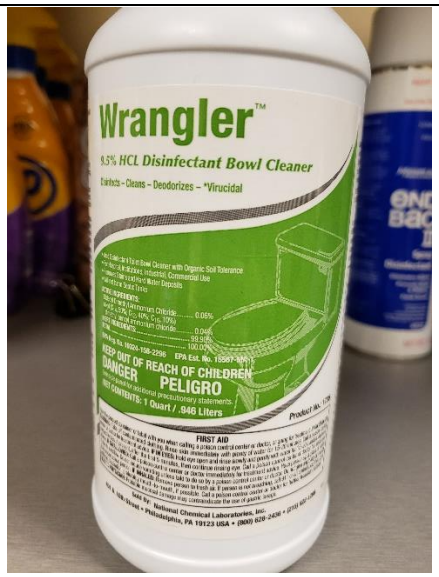

TOPS
COOK CLEAN CAN
DISTILLED
WHITE
VINEGAR
Diluted with Water to 5% Acidity

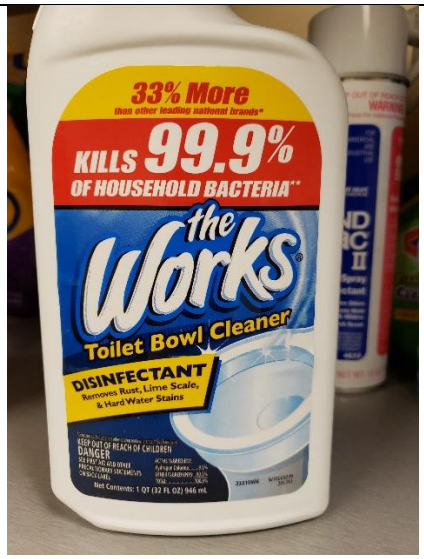

Formulated in partnership with the EPA.
Recognized for Safer Chemistry
BLASTS
CALCIUM
Deposits from glassware, tile, tea and coffee pots
DISSOLVES
LIME
Scale from coffee pots humidifiers, tubs, toilets and sinks
ZAPS
RUST
Stains from stucco, brick porcelain, chrome and metal
CALCIO
CAL
OXIDO
28 FL. OZ.

184 Sweeney Street
North Tonawanda, New York 14210

LaBella
Powered by partnership.


Bathroom Plus
Non-Acid Disinfectant Bathroom Cleaner
KEEP OUT OF REACH OF CHILDREN
CAUTION


Wrangler™
9.5% HCL Disinfectant Bowl Cleaner
KEEP OUT OF REACH OF CHILDREN
DANGER
PELIGRO


33% More
KILLS 99.9%
OF HOUSEHOLD BACTERIA
the Works
Toilet Bowl Cleaner
DISINFECTANT


Home
REMEDY Plus
Stainless Steel Cleaner
PROTECTOR
Cleans, Shines & Protects


STAINLESS STEEL
CLEANER & POLISH
SPECIALIZED PROFESSIONAL GRADE FORMULA
CLEANS APPLIANCES, BBQ GRILL EXTERIOR & OTHER METAL SURFACES
PROTECTS METAL SURFACES FROM FINGERPRINTS, SOIL & WATER SPOTS
END BAC II
14 OZ.


Johnson Wax Professional
END BAC II
Spray Disinfectant
TUBERCULOCIDAL
GERMICIDAL
ANTIBACTERIAL
FUNGICIDAL
PSEUDOMONACIDAL
16 OZ. 425 g


CLEANS 40% FASTER
PROFESSIONAL
EASY-OFF
HEAVY DUTY
OVEN & GRILL CLEANER


zep
COMMERCIAL
Heavy-Duty
Oven & Grill
Cleaner
Powerful foam penetrates & dissolves baked on grease on contact


100% NATURAL
febreze
AIR
Linen & Sky


40% MORE
CLOROX
CLEAN-UP
CLEANER + BLEACH
Original
KILLS 99.9% OF BACTERIA & VIRUSES
32 FL OZ (1 QT) 946 mL


Shower, Tub & Tile Cleaner
KABOOM
HEAVY DUTY
With the POWER of OXI CLEAN
Stain Fighters
BLEACH FREE!
No Hard Scrubbing!
1 QT 8 OZ (40 FL OZ) 1.18L


NEW LOOK!
GOO GONE
TRUSTED #1 BRAND
OVEN & GRILL
CLEANER
LIMPIADOR DE HORNO Y PARRILLA
Removes tough baked on grease and food spills.

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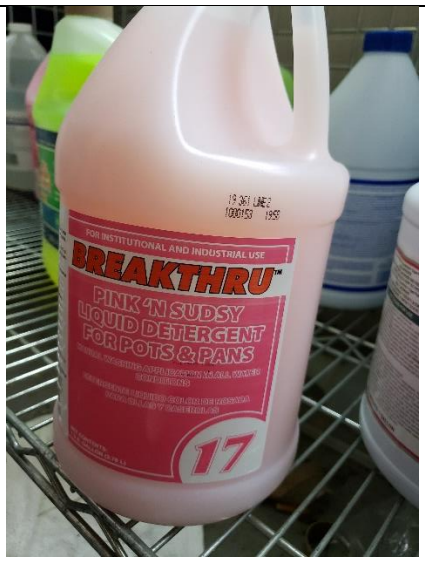
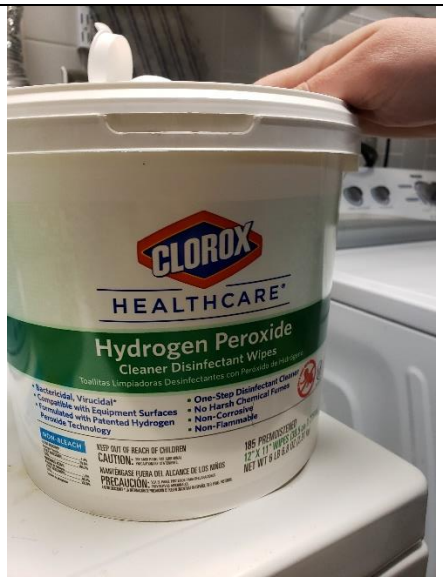
Liquid Concentrate • Liquide concentré • Líquido concentrado
Mr. Clean M.Net
PROFESSIONAL
Finished Floor Cleaner
Nettoyant pour planchers finis
Limpiador para pisos con acabado
4-00
3.78 L / 1 GAL (US / É.-U./EE. UU.)

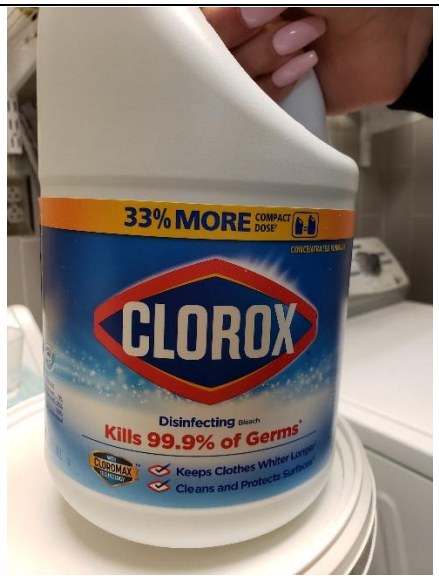

FOR INSTITUTIONAL AND INDUSTRIAL USE
BREAKTHRU
PINK 'N SUDSY
LIQUID DETERGENT
FOR POTS & PANS
17


Majestic
Ammonia
CLEAR


CRC
White Lithium
Grease
Long Lasting Lubricant
GRASA BLANCA DE LITIO
Heavy Duty Metal-to-Metal
Net Wt. 10 oz. (284 g)


3-IN-ONE
GARAGE DOOR
LUBE





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LaBella
Powered by partnership.


BARBICIDE
Hospital
GERMICIDE, PSEUDOMONACIDE
FUNGICIDE & VIRUCIDE
Anti-Rust Formula

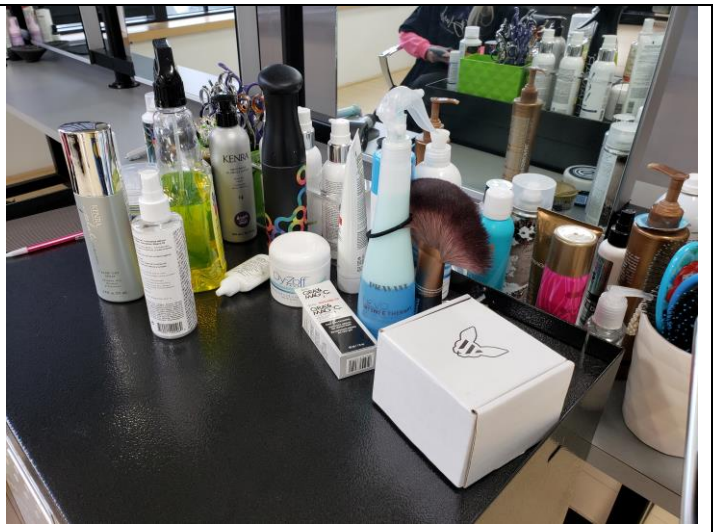

ChromaSilk
NON GMO
30 BAGS
Sea Salt

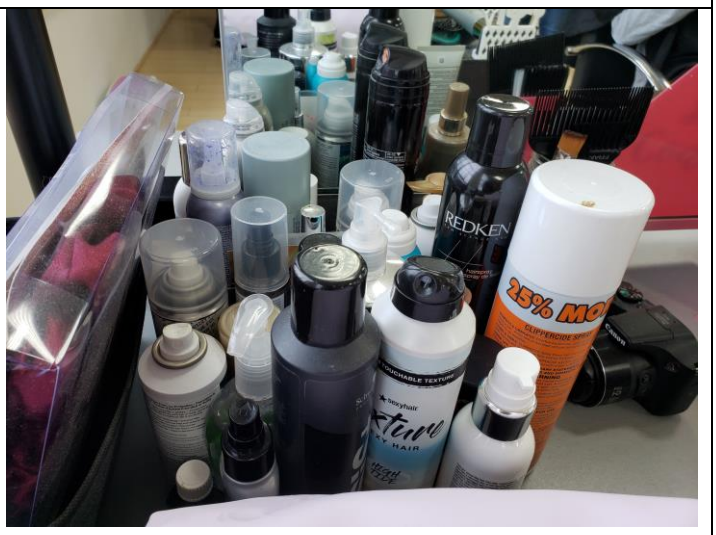

Schwarzkopf
BLOND ME
BOND ENFORCING
PREMIUM LIGHTENER 9+
DUST FREE POWDER

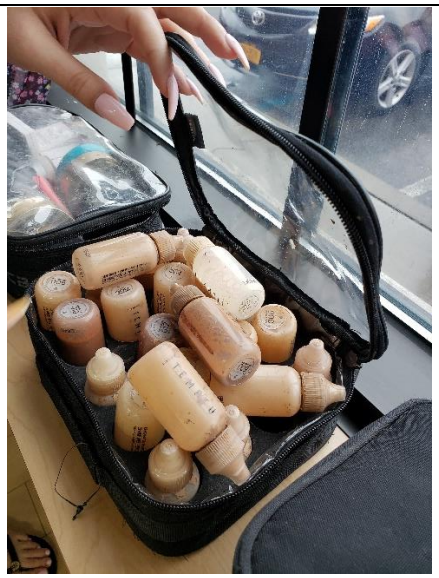

REDKEN
SHADES EQ
16.9 FL. OZ./500ml


REDKEN
Pro-oxide
20
VOLUME
6%


REDKEN
010VV







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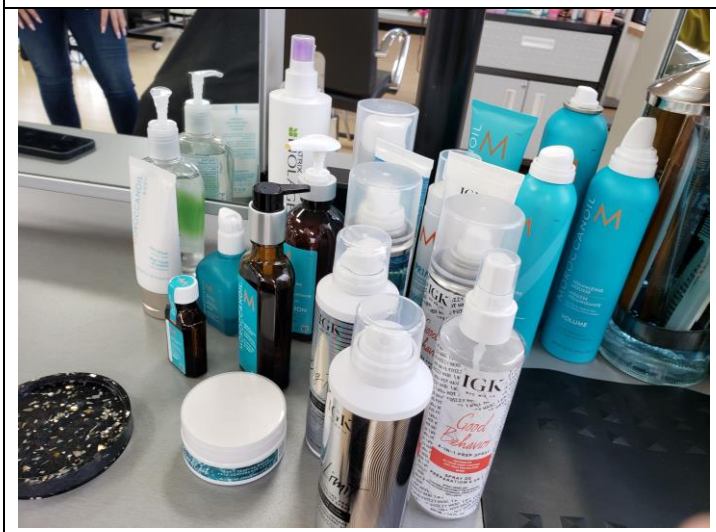

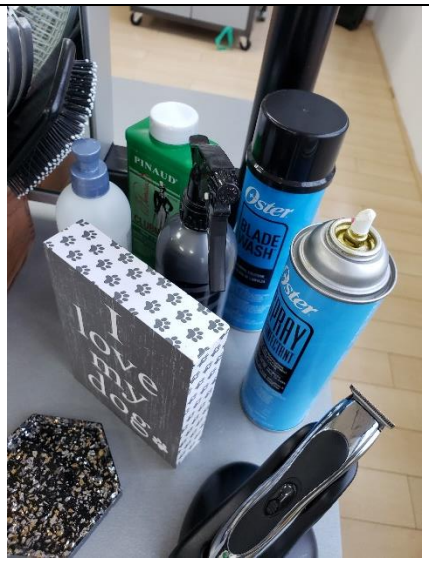

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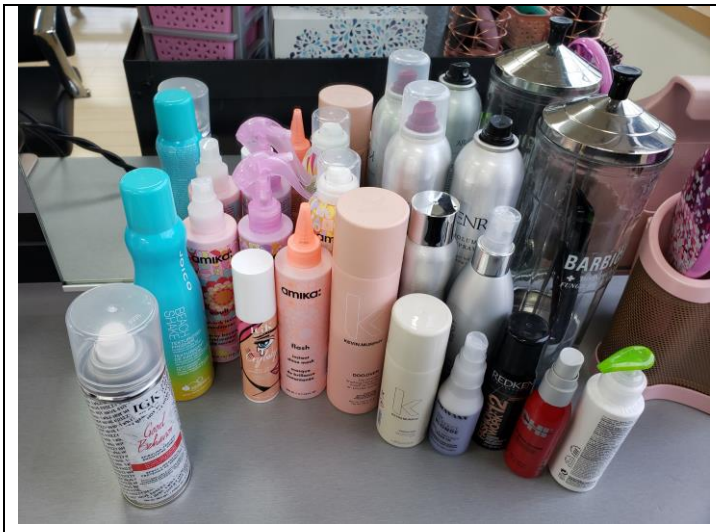
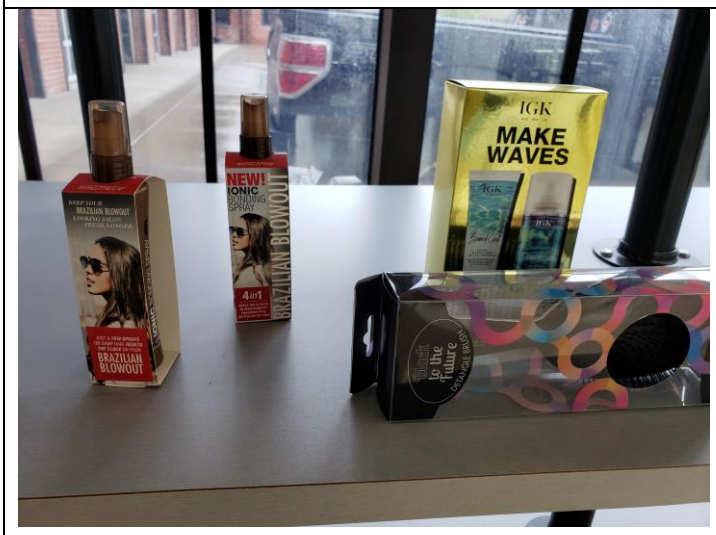
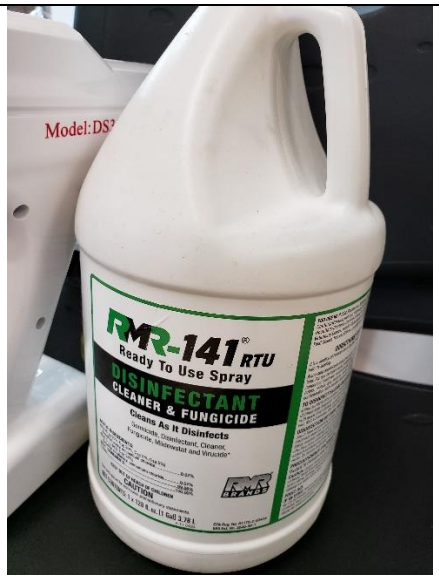


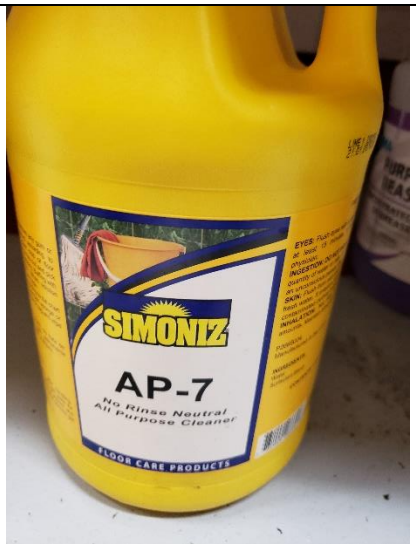


184 Sweeney Street
North Tonawanda, New York 14210


POUR
SOME
SUGAR
ON
ME


NUDA


RMR-141 RTU
Ready To Use Spray
DISINFECTANT
CLEANER & FUNGICIDE
Cleans As It Disinfects


SIMONIZ
AP-7
No Rinse Neutral
All Purpose Cleaner
FLOOR CARE PRODUCTS


TMA
PURPLE
BEAST
DEGREASER
DANGER:

APPENDIX 6

Laboratory Analytical Report

ANALYTICAL REPORT

Lab Number:	L2124028
Client:	LaBella Associates, P.C. 300 Pearl Street Suite 252 Buffalo, NY 14202
ATTN:	Adam Zebrowski
Phone:	(716) 551-6281
Project Name:	184&185 SWEENEY ST.
Project Number:	2191060
Report Date:	05/14/21

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), 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: 184&185 SWEENEY ST.
Project Number: 2191060

Lab Number: L2124028
Report Date: 05/14/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2124028-01	ID-8	AIR	N TONAWANDA NY	05/07/21 16:14	05/07/21
L2124028-02	SS VENT PORT-2	SOIL_VAPOR	N TONAWANDA NY	05/07/21 16:21	05/07/21
L2124028-03	OD-4	AIR	N TONAWANDA NY	05/07/21 16:38	05/07/21

Project Name:	184&185 SWEENEY ST.	**Lab Number:**	L2124028
Project Number:	2191060	**Report Date:**	05/14/21

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:	184&185 SWEENEY ST.	**Lab Number:**	L2124028
Project Number:	2191060	**Report Date:**	05/14/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 3, 2021. The canister certification results are provided as an addendum.

L2124028-01D: The sample was re-analyzed on dilution in order to quantiitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

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: Kelly O'Neill

Title: Technical Director/Representative Date: 05/14/21

AIR

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-01
Client ID: ID-8
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:14
Date Received: 05/07/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/12/21 19:50
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.398	0.200	--	1.97	0.989	--		1
Chloromethane	0.479	0.200	--	0.989	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	820	5.00	--	1550	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.29	1.00	--	12.6	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	244	0.500	--	600	1.23	--		1
Tertiary butyl Alcohol	0.623	0.500	--	1.89	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
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: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-01
Client ID: ID-8
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:14
Date Received: 05/07/21
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	0.208	0.200	--	0.733	0.705	--		1
Benzene	0.511	0.200	--	1.63	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	10.2	0.200	--	47.6	0.934	--		1
Heptane	0.200	0.200	--	0.820	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	1.21	0.200	--	4.56	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	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.502	0.400	--	2.18	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	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

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-01
Client ID: ID-8
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:14
Date Received: 05/07/21
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	88		60-140

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-01
Client ID: ID-8
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:14
Date Received: 05/07/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/12/21 19:50
Analyst: RY

	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	0.062	0.020	--	0.390	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.024	0.020	--	0.163	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-01 D
Client ID: ID-8
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:14
Date Received: 05/07/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/14/21 08:09
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethanol	786	16.7	--	1480	31.5	--		3.333

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	74		60-140
chlorobenzene-d5	74		60-140

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-02
Client ID: SS VENT PORT-2
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:21
Date Received: 05/07/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/12/21 21:48
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.397	0.200	--	1.96	0.989	--		1
Chloromethane	0.467	0.200	--	0.964	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	146	5.00	--	275	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.61	1.00	--	6.20	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	15.5	0.500	--	38.1	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

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-02
Client ID: SS VENT PORT-2
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:21
Date Received: 05/07/21
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								
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
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.312	0.200	--	1.10	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.798	0.200	--	2.55	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	0.500	0.200	--	2.34	0.934	--		1
Heptane	0.245	0.200	--	1.00	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	1.84	0.200	--	6.93	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	0.232	0.200	--	1.01	0.869	--		1

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-02
Client ID: SS VENT PORT-2
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:21
Date Received: 05/07/21
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								
p/m-Xylene	0.786	0.400	--	3.41	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	0.283	0.200	--	1.23	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	0.210	0.200	--	1.03	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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	87		60-140

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-03
Client ID: OD-4
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:38
Date Received: 05/07/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/12/21 21:09
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.411	0.200	--	2.03	0.989	--		1
Chloromethane	0.472	0.200	--	0.975	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	6.52	5.00	--	12.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.96	1.00	--	4.66	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.946	0.500	--	2.33	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	ND	0.500	--	ND	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: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-03
Client ID: OD-4
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:38
Date Received: 05/07/21
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	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	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	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
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
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

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-03
Client ID: OD-4
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:38
Date Received: 05/07/21
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	86		60-140

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

SAMPLE RESULTS

Lab ID: L2124028-03
Client ID: OD-4
Sample Location: N TONAWANDA NY

Date Collected: 05/07/21 16:38
Date Received: 05/07/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/12/21 21:09
Analyst: RY

	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	0.051	0.020	--	0.202	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.059	0.020	--	0.371	0.126	--		1
Trichloroethene	0.042	0.020	--	0.226	0.107	--		1
Tetrachloroethene	0.110	0.020	--	0.746	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/12/21 16:36

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: WG1497972-4								
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: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/12/21 16:36

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: WG1497972-4								
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: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/12/21 16:36

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: WG1497972-4								
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 05/12/21 17:14

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: WG1497974-4								
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

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/13/21 17:01

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 Batch: WG1498519-4								
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: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/13/21 17:01

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 Batch: WG1498519-4								
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: 184&185 SWEENEY ST.
Project Number: 2191060
Lab Number: L2124028
Report Date: 05/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/13/21 17:01

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 Batch: WG1498519-4								
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 184&185 SWEENEY ST.

Project Number: 2191060

Lab Number: L2124028

Report Date: 05/14/21

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: WG1497972-3								
Dichlorodifluoromethane	72		-		70-130	-		
Chloromethane	82		-		70-130	-		
Freon-114	79		-		70-130	-		
Vinyl chloride	83		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Bromomethane	90		-		70-130	-		
Chloroethane	90		-		70-130	-		
Ethanol	87		-		40-160	-		
Vinyl bromide	85		-		70-130	-		
Acetone	58		-		40-160	-		
Trichlorofluoromethane	77		-		70-130	-		
Isopropanol	58		-		40-160	-		
1,1-Dichloroethene	89		-		70-130	-		
Tertiary butyl Alcohol	75		-		70-130	-		
Methylene chloride	85		-		70-130	-		
3-Chloropropene	91		-		70-130	-		
Carbon disulfide	80		-		70-130	-		
Freon-113	88		-		70-130	-		
trans-1,2-Dichloroethene	86		-		70-130	-		
1,1-Dichloroethane	88		-		70-130	-		
Methyl tert butyl ether	83		-		70-130	-		
2-Butanone	82		-		70-130	-		
cis-1,2-Dichloroethene	90		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 184&185 SWEENEY ST.

Project Number: 2191060

Lab Number: L2124028

Report Date: 05/14/21

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: WG1497972-3								
Ethyl Acetate	87		-		70-130	-		
Chloroform	91		-		70-130	-		
Tetrahydrofuran	84		-		70-130	-		
1,2-Dichloroethane	84		-		70-130	-		
n-Hexane	95		-		70-130	-		
1,1,1-Trichloroethane	93		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	96		-		70-130	-		
Cyclohexane	96		-		70-130	-		
1,2-Dichloropropane	94		-		70-130	-		
Bromodichloromethane	97		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	98		-		70-130	-		
2,2,4-Trimethylpentane	97		-		70-130	-		
Heptane	95		-		70-130	-		
cis-1,3-Dichloropropene	102		-		70-130	-		
4-Methyl-2-pentanone	96		-		70-130	-		
trans-1,3-Dichloropropene	87		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	96		-		70-130	-		
2-Hexanone	94		-		70-130	-		
Dibromochloromethane	105		-		70-130	-		
1,2-Dibromoethane	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 184&185 SWEENEY ST.

Project Number: 2191060

Lab Number: L2124028

Report Date: 05/14/21

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: WG1497972-3								
Tetrachloroethene	96		-		70-130	-		
Chlorobenzene	98		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	99		-		70-130	-		
Bromoform	107		-		70-130	-		
Styrene	98		-		70-130	-		
1,1,2,2-Tetrachloroethane	104		-		70-130	-		
o-Xylene	102		-		70-130	-		
4-Ethyltoluene	97		-		70-130	-		
1,3,5-Trimethylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	104		-		70-130	-		
Benzyl chloride	110		-		70-130	-		
1,3-Dichlorobenzene	101		-		70-130	-		
1,4-Dichlorobenzene	100		-		70-130	-		
1,2-Dichlorobenzene	100		-		70-130	-		
1,2,4-Trichlorobenzene	105		-		70-130	-		
Hexachlorobutadiene	107		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 184&185 SWEENEY ST.

Project Number: 2191060

Lab Number: L2124028

Report Date: 05/14/21

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: WG1497974-3								
Vinyl chloride	93		-		70-130	-		25
1,1-Dichloroethene	87		-		70-130	-		25
cis-1,2-Dichloroethene	86		-		70-130	-		25
1,1,1-Trichloroethane	91		-		70-130	-		25
Carbon tetrachloride	99		-		70-130	-		25
Trichloroethene	99		-		70-130	-		25
Tetrachloroethene	100		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 184&185 SWEENEY ST.

Project Number: 2191060

Lab Number: L2124028

Report Date: 05/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1498519-3								
Dichlorodifluoromethane	75		-		70-130	-		
Chloromethane	86		-		70-130	-		
Freon-114	85		-		70-130	-		
Vinyl chloride	91		-		70-130	-		
1,3-Butadiene	94		-		70-130	-		
Bromomethane	94		-		70-130	-		
Chloroethane	92		-		70-130	-		
Ethanol	92		-		40-160	-		
Vinyl bromide	86		-		70-130	-		
Acetone	59		-		40-160	-		
Trichlorofluoromethane	82		-		70-130	-		
Isopropanol	57		-		40-160	-		
1,1-Dichloroethene	93		-		70-130	-		
Tertiary butyl Alcohol	82		-		70-130	-		
Methylene chloride	87		-		70-130	-		
3-Chloropropene	92		-		70-130	-		
Carbon disulfide	82		-		70-130	-		
Freon-113	90		-		70-130	-		
trans-1,2-Dichloroethene	88		-		70-130	-		
1,1-Dichloroethane	90		-		70-130	-		
Methyl tert butyl ether	85		-		70-130	-		
2-Butanone	85		-		70-130	-		
cis-1,2-Dichloroethene	90		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 184&185 SWEENEY ST.

Project Number: 2191060

Lab Number: L2124028

Report Date: 05/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1498519-3								
Ethyl Acetate	88		-		70-130	-		
Chloroform	92		-		70-130	-		
Tetrahydrofuran	85		-		70-130	-		
1,2-Dichloroethane	87		-		70-130	-		
n-Hexane	96		-		70-130	-		
1,1,1-Trichloroethane	98		-		70-130	-		
Benzene	96		-		70-130	-		
Carbon tetrachloride	102		-		70-130	-		
Cyclohexane	97		-		70-130	-		
1,2-Dichloropropane	97		-		70-130	-		
Bromodichloromethane	100		-		70-130	-		
1,4-Dioxane	100		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Heptane	99		-		70-130	-		
cis-1,3-Dichloropropene	105		-		70-130	-		
4-Methyl-2-pentanone	101		-		70-130	-		
trans-1,3-Dichloropropene	92		-		70-130	-		
1,1,2-Trichloroethane	102		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	100		-		70-130	-		
Dibromochloromethane	109		-		70-130	-		
1,2-Dibromoethane	103		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 184&185 SWEENEY ST.

Project Number: 2191060

Lab Number: L2124028

Report Date: 05/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1498519-3								
Tetrachloroethene	97		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	101		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	110		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	107		-		70-130	-		
o-Xylene	106		-		70-130	-		
4-Ethyltoluene	100		-		70-130	-		
1,3,5-Trimethylbenzene	101		-		70-130	-		
1,2,4-Trimethylbenzene	108		-		70-130	-		
Benzyl chloride	117		-		70-130	-		
1,3-Dichlorobenzene	105		-		70-130	-		
1,4-Dichlorobenzene	101		-		70-130	-		
1,2-Dichlorobenzene	104		-		70-130	-		
1,2,4-Trichlorobenzene	105		-		70-130	-		
Hexachlorobutadiene	108		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060

Lab Number: L2124028
Report Date: 05/14/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1497972-5 QC Sample: L2124028-01 Client ID: ID-8						
Dichlorodifluoromethane	0.398	0.414	ppbV	4		25
Chloromethane	0.479	0.489	ppbV	2		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	820E	850E	ppbV	4		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	5.29	5.21	ppbV	2		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	244	246	ppbV	1		25
Tertiary butyl Alcohol	0.623	0.624	ppbV	0		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060

Lab Number: L2124028
Report Date: 05/14/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1497972-5 QC Sample: L2124028-01 Client ID: ID-8						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.208	0.213	ppbV	2		25
Benzene	0.511	0.511	ppbV	0		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	10.2	10.3	ppbV	1		25
Heptane	0.200	0.201	ppbV	0		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	1.21	1.21	ppbV	0		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060

Lab Number: L2124028
Report Date: 05/14/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1497972-5 QC Sample: L2124028-01 Client ID: ID-8						
p/m-Xylene	0.502	0.500	ppbV	0		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG1497974-5 QC Sample: L2124028-01 Client ID: ID-8						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.062	0.059	ppbV	5		25
Trichloroethene	ND	ND	ppbV	NC		25
Tetrachloroethene	0.024	0.022	ppbV	9		25

Project Name: 184&185 SWEENEY ST.

Lab Number: L2124028

Project Number: 2191060

Report Date: 05/14/21

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
L2124028-01	ID-8	0783	Flow 5	05/03/21	350847		-	-	-	Pass	4.5	4.2	7
L2124028-01	ID-8	2760	2.7L Can	05/03/21	350847	L2120459-01	Pass	-29.0	-8.3	-	-	-	-
L2124028-02	SS VENT PORT-2	02051	Flow 5	05/03/21	350847		-	-	-	Pass	4.5	4.2	7
L2124028-02	SS VENT PORT-2	387	2.7L Can	05/03/21	350847	L2120459-01	Pass	-29.0	-7.2	-	-	-	-
L2124028-03	OD-4	0841	Flow 5	05/03/21	350847		-	-	-	Pass	4.5	4.4	2
L2124028-03	OD-4	3178	2.7L Can	05/03/21	350847	L2120459-01	Pass	-29.0	-2.9	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2120459
Report Date: 05/14/21

Air Canister Certification Results

Lab ID: L2120459-01
Client ID: CAN 515 SHELF 18
Sample Location:

Date Collected: 04/21/21 16:00
Date Received: 04/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/23/21 17:35
Analyst: TS

	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: L2120459
Report Date: 05/14/21

Air Canister Certification Results

Lab ID: L2120459-01
Client ID: CAN 515 SHELF 18
Sample Location:

Date Collected: 04/21/21 16:00
Date Received: 04/22/21
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: L2120459
Report Date: 05/14/21

Air Canister Certification Results

Lab ID: L2120459-01
Client ID: CAN 515 SHELF 18
Sample Location:

Date Collected: 04/21/21 16:00
Date Received: 04/22/21
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: L2120459
Report Date: 05/14/21

Air Canister Certification Results

Lab ID: L2120459-01
Client ID: CAN 515 SHELF 18
Sample Location:

Date Collected: 04/21/21 16:00
Date Received: 04/22/21
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: L2120459
Report Date: 05/14/21

Air Canister Certification Results

Lab ID: L2120459-01
Client ID: CAN 515 SHELF 18
Sample Location:

Date Collected: 04/21/21 16:00
Date Received: 04/22/21
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	95		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2120459
Report Date: 05/14/21

Air Canister Certification Results

Lab ID: L2120459-01
Client ID: CAN 515 SHELF 18
Sample Location:

Date Collected: 04/21/21 16:00
Date Received: 04/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/23/21 17:35
Analyst: TS

	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: L2120459
Report Date: 05/14/21

Air Canister Certification Results

Lab ID: L2120459-01
Client ID: CAN 515 SHELF 18
Sample Location:

Date Collected: 04/21/21 16:00
Date Received: 04/22/21
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	0.050	--	ND	0.188	--		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	0.200	--	ND	1.04	--		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
Project Number: CANISTER QC BAT
Lab Number: L2120459
Report Date: 05/14/21

Air Canister Certification Results

Lab ID: L2120459-01
Client ID: CAN 515 SHELF 18
Sample Location:

Date Collected: 04/21/21 16:00
Date Received: 04/22/21
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	93		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140

Project Name: 184&185 SWEENEY ST.
Project Number: 2191060

Lab Number: L2124028
Report Date: 05/14/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2124028-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2124028-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2124028-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	184&185 SWEENEY ST.	**Lab Number:**	L2124028
Project Number:	2191060	**Report Date:**	05/14/21

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:	184&185 SWEENEY ST.	**Lab Number:**	L2124028
Project Number:	2191060	**Report Date:**	05/14/21

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.

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'.

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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.

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

Report Format: Data Usability Report

Project Name:	184&185 SWEENEY ST.	**Lab Number:**	L2124028
Project Number:	2191060	**Report Date:**	05/14/21

Data Qualifiers

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.

Report Format: Data Usability Report

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 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/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 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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 332: Perchlorate; **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), **EPA 600/4-81-045**: PCB-Oil.
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 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd in Lab: 5/8/21

ALPHA Job #: L2124028

Client Information

Client: LaBella Associates
Address: 300 Pearl St, Ste. 130
Buffalo NY 14202
Phone: 716. 551. 6281
Fax: 716. 551. 6282
Email: jtorres@labellape.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 184 & 185 Sweeney St
Project Location: N. Tonawanda, NY
Project #: 2191060
Project Manager: A. Zebrowski
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:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Results reported in NYSASP Category B deliverables with EDDS

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ANALYSIS

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	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH (Subset Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
24028-01	ID-8	5.7.21	0814	1614	-30.43	-8.34	AA	JT	2.7	2760	0783	✓	✓				
02	SS Vent Port-2	5.7.21	0821	1621	-30.11	-7.29	SV	JT	2.7	387	02051	✓					
03	OD-4	5.7.21	0838	1638	-29.59	-4.28	AA	JT	2.7	3178	0841	✓	✓				

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

Container Type: CS CS

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:
Julia M Torres	5/7/21 1645		5/7/21 1645
	5/7/21 1700		5/8/21 01:50
Wendy Mayone	5/8/21 7:30	Rob Moretto	5/8/21 7:20
Rob Moretto	5/8/21 8:40		5/8/21 0840

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