2020 Periodic Review Report

Location:

Remington Rand Building
184 Sweeny Street
North Tonawanda, New York
NYSDEC BCP Site #C932142

Prepared for:

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LaBella Project No. 2191060

April 28, 2020

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1.0 EXECUTIVE SUMMARY

The Remington Rand Building is located at 184 & 185 Sweeny 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 October 21, 2018 to March 30, 2020.

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. 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 on the south. The remainder of the property is occupied by asphalt/concrete and gravel parking areas with some green space. The building area occupies approximately 1.2 acres of the 1.8-acre property. A Site Plan 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 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 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 – The existing building first floor drain/trench system and elevator pits sediment samples exhibited in several samples with significantly elevated 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 did not have 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 according to regulations and properly disposed of at an approved disposal facility.

Upon completion of the IRMs remnant contamination remained in Site soil material below the two-foot removal level. 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, conducted on April 21, 2020 and sub-slab and indoor air sampling conducted in April 2019 and in January and April 2020, 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

All areas of non-compliance identified during this reporting period have been resolved as of the time of this PRR. 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

The Remington Rand Site is located at 184 & 185 Sweeny 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). 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 included 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 on the south. The remainder of the property is occupied by asphalt/concrete and gravel parking areas with some green space. The building area occupies approximately 1.2 acres of the 1.8-acre property.

2.1 Nature and Extent of Contamination – RI Program

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 New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in New York State, only one sample had concentrations indicating follow-up remediation.

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

Building sub-slab soils assessment indicated only a few PAH and metal compounds that slightly exceeded Part 375 Restricted Residential SCOs. Due to very low level of contamination detected and the that the building floor slab is to remain in place for the planned future development, no further remediation was recommended for this area.

Building first floor drain/trench and elevator pit sediment assessment indicated elevated concentrations of a number of metal compounds that exceeded 375 Restricted Residential SCOs.

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 is 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 structure (June and August 2010).
- Removed the top two feet of impacted soil from outside the building foot print 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 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 is 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 sub-slab vapor venting system 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.

The NYSDEC issued a letter dated September 21, 2018 related to the PRR for the Site for the period of June 29, 2015 to June 30, 2018. Based on the NYSDEC's review of the PRR, the NYSDEC identified consecutive increases in concentrations of VOCs in the sub-slab vapor sample (Vent Port) collected on June 28, 2018 and a subsequent Vent Port sample collected on August 27, 2018. Due to the presence of increasing concentrations of VOCs in the Vent Port samples, the NYSDEC requested indoor air sampling to evaluate indoor air conditions. As per the NYSDEC's request, a total of three indoor air samples were collected from within the Site Building including the Former Salon commercial space (IA-01), the Garage (IA-02), and the Lobby area (IA-03) of the Site Building on November 21, 2018. Based on the indoor air sampling results, trichloroethene (TCE) was detected in the indoor air sample collected from the Former Salon commercial space (IA-01) at a concentration of 19 micrograms per cubic meter ($\mu g/m^3$) exceeding both the Building Assessment and Survey Evaluation (BASE) database 90th percentile value of 4.2 $\mu g/m^3$ and the May 2017 NYSDOH Indoor Air Matrix A value of 1 $\mu g/m^3$ and above. No other analytes were detected at concentrations exceeding BASE or NYSDOH Indoor Air Matrix values in the indoor air samples collected during the November 21, 2018 indoor air sampling event. The November 21, 2018 indoor air sampling locations are depicted on Figure 3. The indoor air sampling results were provided to the NYSDEC and NYSDOH for review.

Subsequent evaluation of the November 21, 2018 indoor air sampling results by the NYSDEC, the NYSDEC issued a letter dated January 11, 2019 requesting further evaluation of vapor intrusion and indoor air quality within the Site Building. The following tasks were requested within the January 11, 2019 NYSDEC letter.

- Site reconnaissance with a photo-ionization detector (PID) or similar meter
- Evaluation of the crack in the floor of the lobby
- Evaluation of potential sources of contaminants (e.g., cracked drain lines, chemicals stored on-site, etc.)
- Evaluation of the sub-slab depressurization system roof vent and its location with respect to the Site Building's HVAC system
- Occupancy number and map
- Resampling of indoor air with remedial measures operating (i.e. SSDS in operation)

As per the requirements of the NYSDEC letter dated January 11, 2019, LaBella Associates, D.P.C. (LaBella) completed a Vapor Intrusion and Indoor Air Evaluation on April 15, 2019, the results of which are included in the Vapor Intrusion/Indoor Air Evaluation report dated May 31, 2019. At the time of the April 15, 2019 site work, the SSDS fan was active and had been reportedly been activated by others since soon after the January 11, 2019 NYSDEC letter was received. The Vapor Intrusion/Indoor Air Evaluation report dated May 31, 2019 concluded indoor air sample results subsequent the activation of the SSDS did not indicate an indoor air quality concern and that the SSDS appeared to be mitigating any potential vapor intrusion concerns for the Site Building at that time. Upon review of the Vapor Intrusion and Indoor Air Evaluation report by the NYSDEC and NYSDOH, it was recommended that the SSDS remain active and an additional round of indoor air sampling be performed (including sampling of the SSDS Vent Port) during the upcoming heating season to confirm the effectiveness of the system and that the SSDS system remain active.

To confirm the effectiveness for the SSDS system during the heating season as requested by the NYSDEC and NYSDOH, on January 24, 2020 LaBella completed supplemental indoor air and sub-slab sampling at the Site, the results of which are included in the Supplemental Indoor Air and Sub-Slab

Sampling report dated February 18, 2020. The April 2019 and January 2020 indoor and sub-slab air sampling are discussed further in Section 5.0.

An SMP Addendum dated January 31, 2020 was prepared to incorporate modifications to the September 2010 SMP due to the conversion of the SSDS from passive to active.

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 property may only be used for Restricted Residential Use provided that the long-term IC/ECs included in this SMP are employed;
- The property 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 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; and,
- Vegetable gardens and farming on the property 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 soil 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 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 soil cover was inspected by LaBella's Jessica Dombrowski on April 21, 2020 and appears to be in place with no 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 structure, 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 in-line fan was confirmed operational by LaBella on April 21, 2020 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 structure, south of the courtyard area. The system was made activate in January 2019 by activating the in-line fan installed during the IRM. To evaluate the effectiveness of the SSDS indoor and sub-slab air sampling was conducted in April 2019, and January and April 2020. The April 2019 sampling included the collection of indoor air samples to evaluate potential vapor intrusion and indoor air quality subsequent the activation of the SSDS. The results of the evaluation and sampling was summarized in the Vapor Intrusion/Indoor Air Evaluation report dated May 31, 2019, previously submitted to the NYSDEC. The January 2020 sampling included the collection of a sub-slab air sample from the vent stack and resampling of the indoor air to confirm the results of the April 2019 sampling event during the heating season. The results of the January 2020 sampling were summarized in the Supplemental Indoor Air and Sub-Slab Sampling report dated February 18, 2020, previously submitted to the NYSDEC. The April 2020 sampling included the collection of an indoor air sample from the Gym (ID-07) of the Site Building that was not previously sampled during this reporting period. The Gym is located in a portion of the Site Building formerly occupied by Core Fitness. This portion of the Site Building was not occupied during the April 2019 or January 2020 sampling events; however, it was brought to LaBella's attention that the space had recently become occupied with fitness equipment for use by the tenants of the Site. Ambient outdoor background air samples were collected during each sampling event. 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 the November 2019 through April 2020 sampling events 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 April 21, 2020. 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 May 2017 NYSDOH Indoor Air Matrices with the exception of ethanol in ID-7 sampled in April 2020. Ethanol was not detected during previous sampling events at the Site at concentrations exceeding the BASE database 90th percentile values and has not been identified as a contaminant of concern. Mr. Vern Zuch, On-Site Facility Manager, reported that a professional cleaning service was hired to sanitize the Gym in early April in response to the coronavirus disease 2019 (COVID-19) pandemic. 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 is likely due to the recent use of these products in this area of the Site Building. The results of the April 2019 and January and April 2020 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 events 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 April 21, 2020 samples is included in Appendix 5.

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 was performed on April 21, 2020 by LaBella as prescribed in the SMP and associated Addendum. Sub-slab and indoor air sampling was conducted in April 2019, and January and April 2020. 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.

Adam Zebrowski
Project Manager
Environmental Professional

Andrew Benkleman
Project Manager
Environmental Professional

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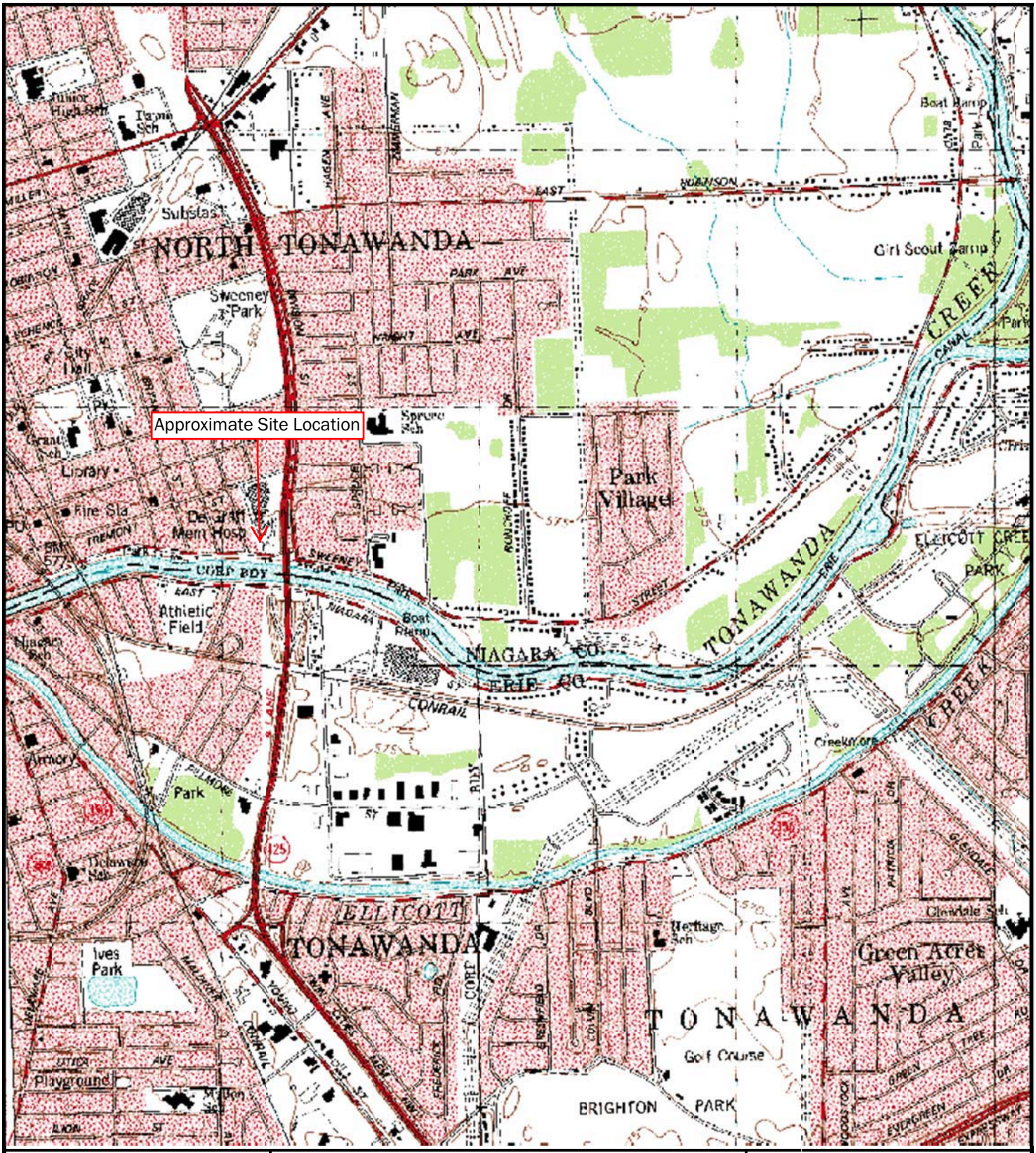
FIGURES



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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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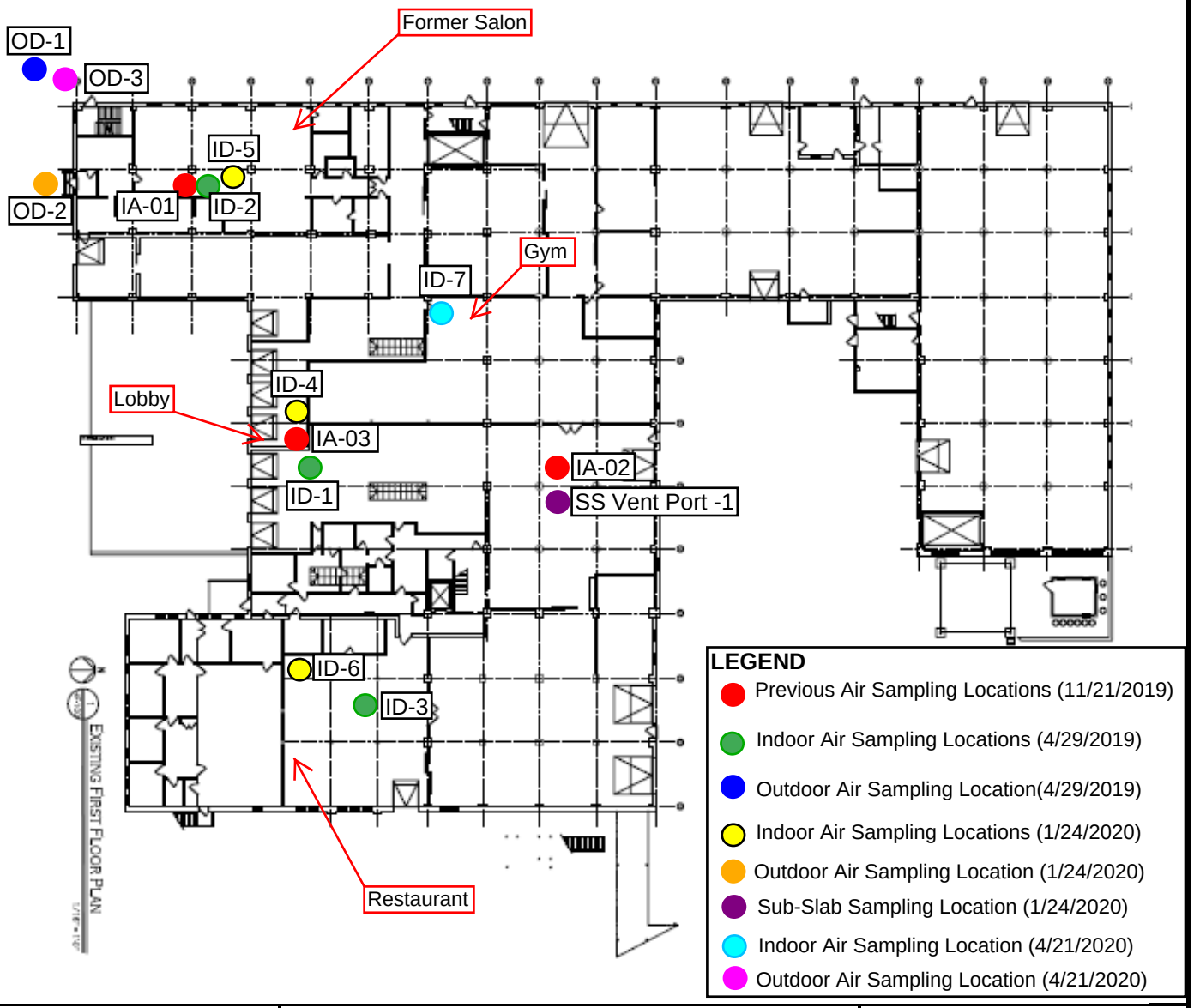

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FIGURE 3

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 Sampling
184 & 185 Sweeny Street, North Tonawanda, New York
Field Sampling Log

Sample ID	ID-7	OD-3
Location	Gym	Ambient Outdoor Air
Date	4/21/2020	4/21/2020
Canister Number	2822	2590
Regulator Number	01577	01559
Start Time	8:00	8:10
Reading (inHg)	29.78	29.22
End Time	16:00	16:10
Reading (inHg)	9.84	0.86

-Date: 4/21/2020
-Temperature: 39˚F

Table 2
Remington Lofts
184-185 Sweeny 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	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	
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	
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	
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	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	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	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	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	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	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	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	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	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	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	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	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	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	7.9
1,1,2-Trichlorotritluoroethanc	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	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	NL
m-Xylene & p-Xylene	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	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	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	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	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	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	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	<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	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	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	3.7
Cyclohe Mine	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	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	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	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	<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	<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	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	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	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	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	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	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	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	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	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	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	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	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	<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	<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	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
* It should be noted although this concentration exceeds BASE Indoor it is an outdoor air sample and does not exceed BASE outdoor

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.

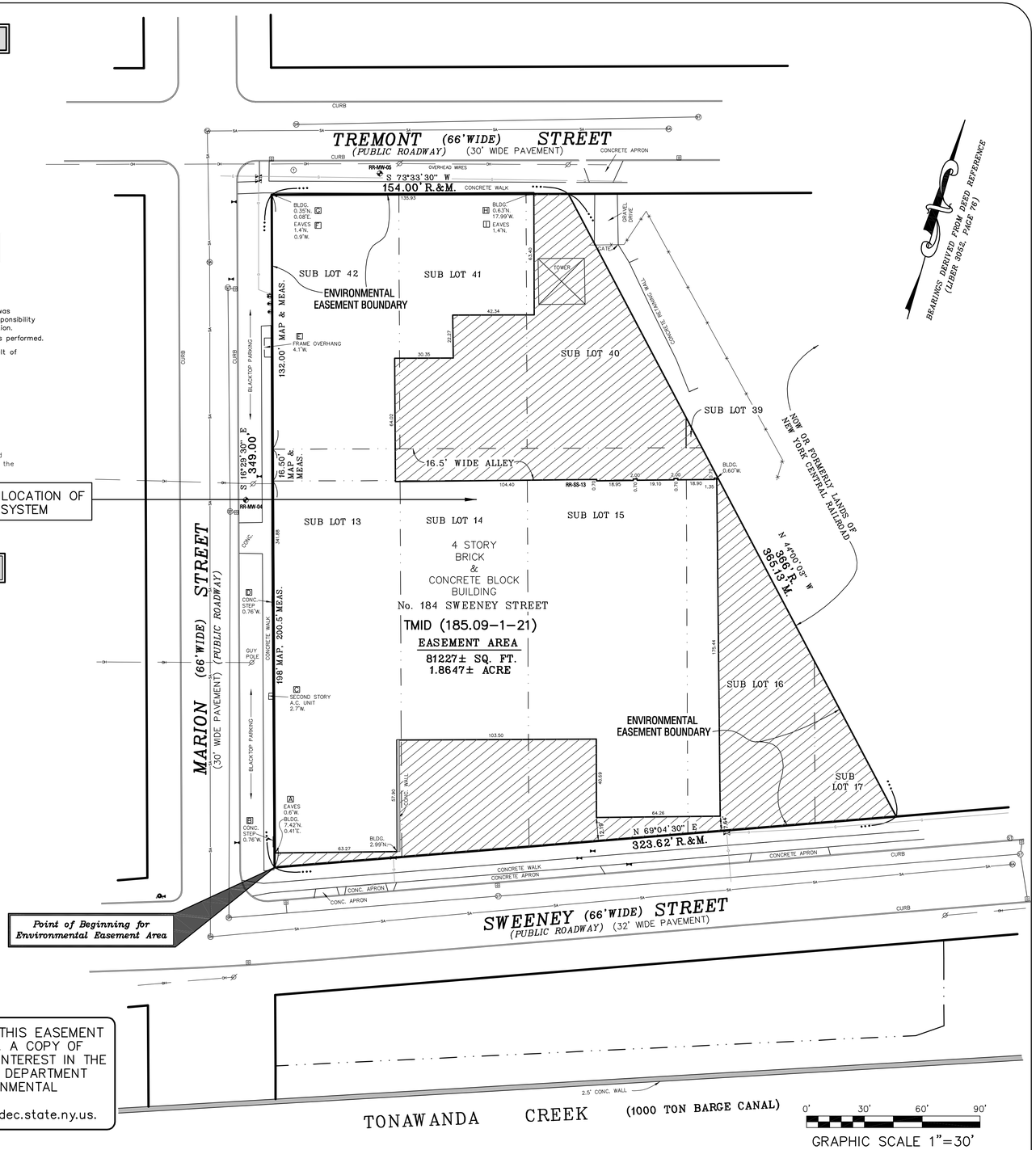
APPROXIMATE LOCATION OF SOIL VENTING SYSTEM

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: 4/21/2020

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

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.

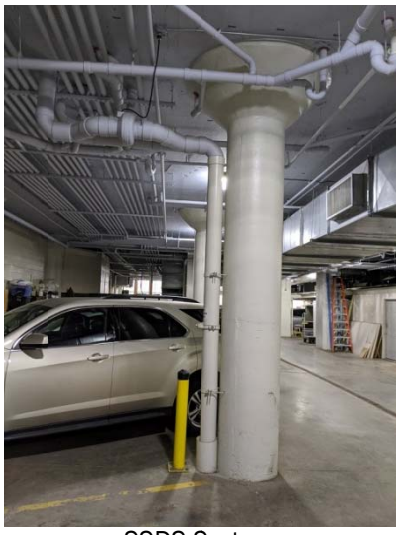
General Comments:

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

INSPECTOR'S NAME: Jessica Dombrowski

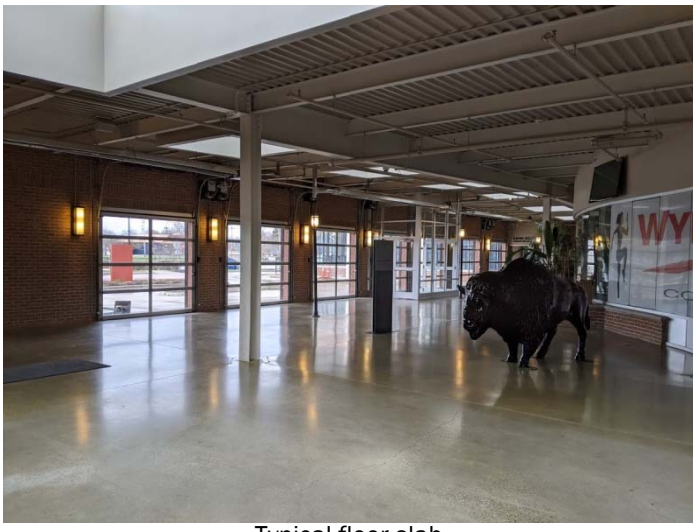
APPENDIX 3

Photographs



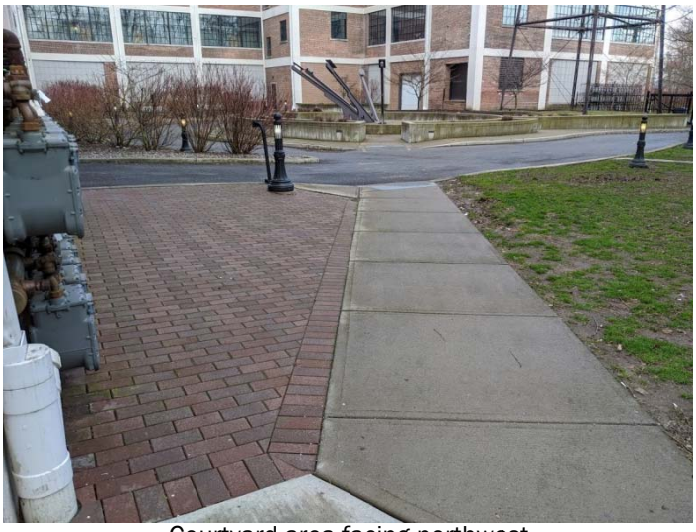
SSDS System

SSDS System

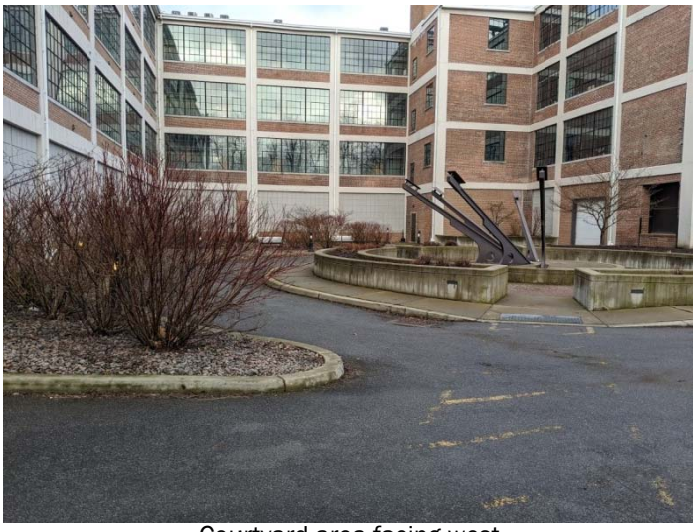


Typical floor slab

Typical floor slab



Courtyard area facing northwest



Courtyard area facing west

Courtyard facing north

Courtyard facing southwest

Courtyard facing south

Courtyard facing southwest

Southwest corner of the Site Building proximate to Marion Street and Sweeny Street facing east

South driveway facing north/northeast

Southeast portion of the Site Building facing north/northeast

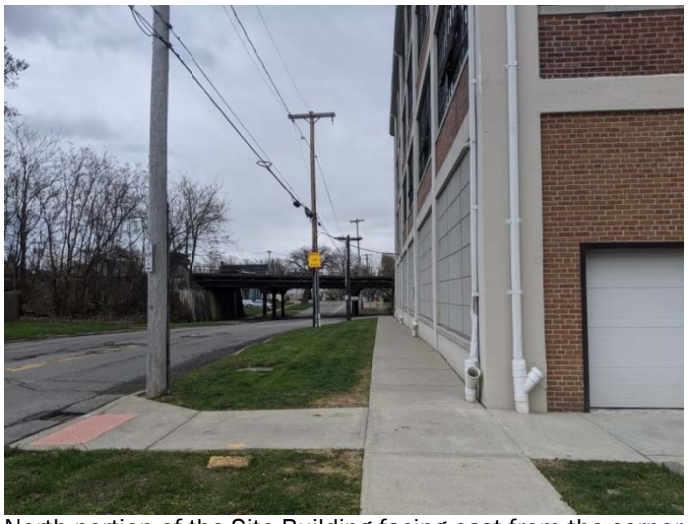
Southeast parking lot area facing north

South portion of the Site facing west

East portion of the Site Building facing north

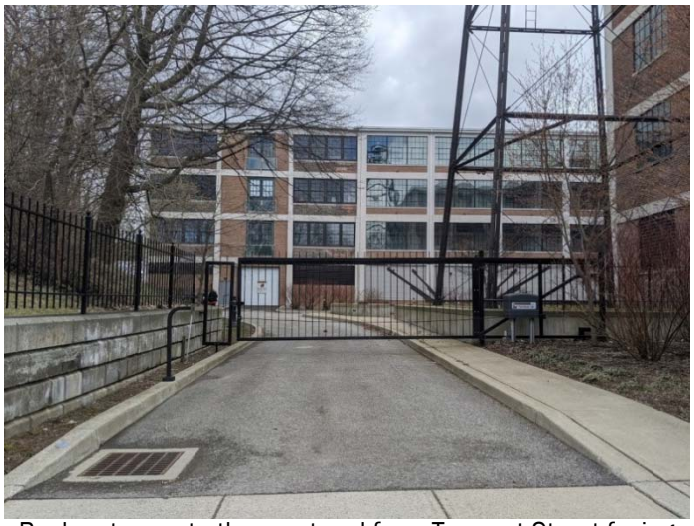
East portion of the Site facing north

East portion of the Site facing north

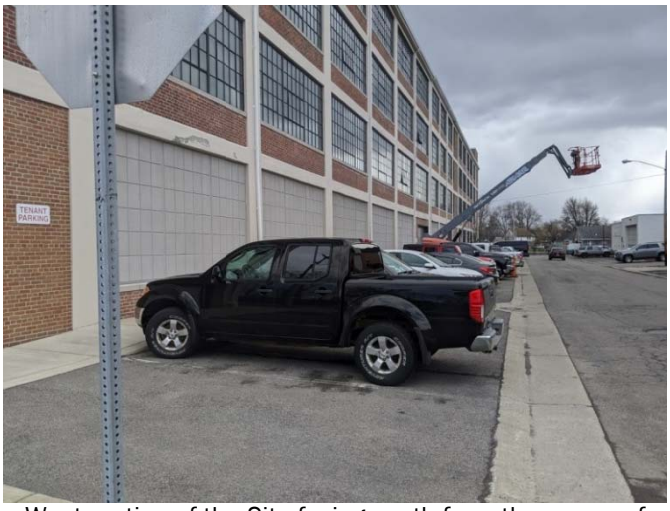


North portion of the Site Building facing east from the corner of Marion Street and Tremont Street

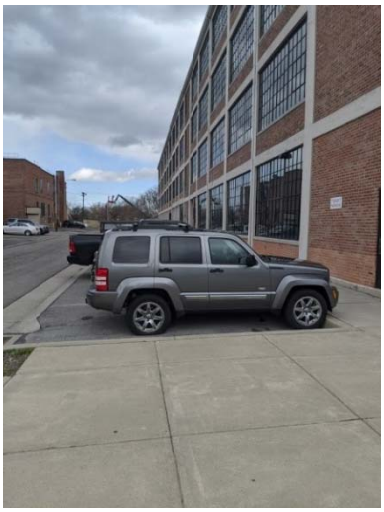
North portion of the Site Building facing west



Back entrance to the courtyard from Tremont Street facing south



West portion of the Site facing south from the corner of Marion Street and Tremont Street



West portion of the Site facing north from the corner of Marion Street and Sweeney Street

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: October 21, 2018 to March 30, 2020

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

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

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 certification;

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

YES	NO
X	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

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

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

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

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

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

YES	NO
X	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 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 Adam Zebrowski (print name) at LaBella Associates, D.P.C., 300 Pearl Street, Buffalo, NY, (print business address)

am certifying as Owner Designated Representative (Owner or Remedial Party)

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

Adam Zebrowski

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

4/28/2020
Date

IC/EC CERTIFICATIONS

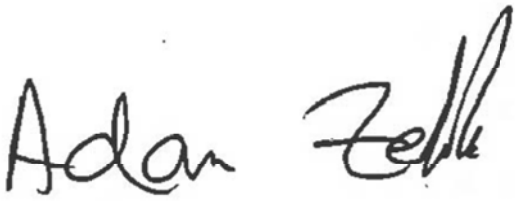
Box 7

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 Adam Zebrowski (print name) at LaBella Associates, D.P.C., 300 Pearl Street, Buffalo, NY, (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
		4/28/2020

APPENDIX 5

Laboratory Analytical Report

ANALYTICAL REPORT

Lab Number:	L2016615
Client:	LaBella Associates, P.C. 300 Pearl Street Suite 252 Buffalo, NY 14202
ATTN:	Adam Zebrowski
Phone:	(716) 551-6281
Project Name:	184 & 185 SWEENY ST.
Project Number:	2191060
Report Date:	04/22/20

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 SWEENY ST.
Project Number: 2191060

Lab Number: L2016615
Report Date: 04/22/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2016615-01	ID-7	AIR	NORTH TONAWANDA, NY	04/21/20 16:00	04/21/20
L2016615-02	OD-3	AIR	NORTH TONAWANDA, NY	04/21/20 16:10	04/21/20

Project Name:	184 & 185 SWEENY ST.	**Lab Number:**	L2016615
Project Number:	2191060	**Report Date:**	04/22/20

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 SWEENY ST.	**Lab Number:**	L2016615
Project Number:	2191060	**Report Date:**	04/22/20

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on April 17, 2020. The canister certification results are provided as an addendum.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 04/22/20

AIR

Project Name: 184 & 185 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

SAMPLE RESULTS

Lab ID: L2016615-01
Client ID: ID-7
Sample Location: NORTH TONAWANDA, NY

Date Collected: 04/21/20 16:00
Date Received: 04/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/22/20 06:12
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.552	0.200	--	2.73	0.989	--		1
Chloromethane	0.631	0.200	--	1.30	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	497	5.00	--	936	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.06	1.00	--	7.27	2.38	--		1
Trichlorofluoromethane	0.292	0.200	--	1.64	1.12	--		1
Isopropanol	4.10	0.500	--	10.1	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 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

SAMPLE RESULTS

Lab ID: L2016615-01
Client ID: ID-7
Sample Location: NORTH TONAWANDA, NY

Date Collected: 04/21/20 16:00
Date Received: 04/21/20
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	0.818	0.200	--	2.88	0.705	--		1
Benzene	0.516	0.200	--	1.65	0.639	--		1
Cyclohexane	0.269	0.200	--	0.926	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.288	0.200	--	1.35	0.934	--		1
Heptane	0.336	0.200	--	1.38	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	1.17	0.200	--	4.41	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	0.419	0.400	--	1.82	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 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

SAMPLE RESULTS

Lab ID: L2016615-01
Client ID: ID-7
Sample Location: NORTH TONAWANDA, NY

Date Collected: 04/21/20 16:00
Date Received: 04/21/20
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	115		60-140
Bromochloromethane	118		60-140
chlorobenzene-d5	130		60-140

Project Name: 184 & 185 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

SAMPLE RESULTS

Lab ID: L2016615-01
Client ID: ID-7
Sample Location: NORTH TONAWANDA, NY

Date Collected: 04/21/20 16:00
Date Received: 04/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/22/20 06:12
Analyst: EW

	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	0.092	0.020	--	0.579	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	103		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	117		60-140

Project Name: 184 & 185 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

SAMPLE RESULTS

Lab ID: L2016615-02
Client ID: OD-3
Sample Location: NORTH TONAWANDA, NY

Date Collected: 04/21/20 16:10
Date Received: 04/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/22/20 06:52
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.530	0.200	--	2.62	0.989	--		1
Chloromethane	0.551	0.200	--	1.14	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	9.56	5.00	--	18.0	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.23	1.00	--	2.92	2.38	--		1
Trichlorofluoromethane	0.228	0.200	--	1.28	1.12	--		1
Isopropanol	ND	0.500	--	ND	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 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

SAMPLE RESULTS

Lab ID: L2016615-02
Client ID: OD-3
Sample Location: NORTH TONAWANDA, NY

Date Collected: 04/21/20 16:10
Date Received: 04/21/20
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	0.457	0.200	--	1.61	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	0.477	0.200	--	1.80	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 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

SAMPLE RESULTS

Lab ID: L2016615-02
Client ID: OD-3
Sample Location: NORTH TONAWANDA, NY

Date Collected: 04/21/20 16:10
Date Received: 04/21/20
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	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	114		60-140

Project Name: 184 & 185 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

SAMPLE RESULTS

Lab ID: L2016615-02
Client ID: OD-3
Sample Location: NORTH TONAWANDA, NY

Date Collected: 04/21/20 16:10
Date Received: 04/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/22/20 06:52
Analyst: EW

	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	0.088	0.020	--	0.554	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	101		60-140

Project Name: 184 & 185 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/21/20 15:01

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): 01-02 Batch: WG1363105-4								
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 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/21/20 15:01

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): 01-02 Batch: WG1363105-4								
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 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/21/20 15:01

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): 01-02 Batch: WG1363105-4								
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 SWEENY ST.
Project Number: 2191060
Lab Number: L2016615
Report Date: 04/22/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 04/21/20 15:40

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): 01-02 Batch: WG1363106-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 184 & 185 SWEENY ST.

Project Number: 2191060

Lab Number: L2016615

Report Date: 04/22/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1363105-3								
Dichlorodifluoromethane	91		-		70-130	-		
Chloromethane	98		-		70-130	-		
Freon-114	106		-		70-130	-		
Vinyl chloride	106		-		70-130	-		
1,3-Butadiene	111		-		70-130	-		
Bromomethane	100		-		70-130	-		
Chloroethane	103		-		70-130	-		
Ethanol	77		-		40-160	-		
Vinyl bromide	96		-		70-130	-		
Acetone	82		-		40-160	-		
Trichlorofluoromethane	111		-		70-130	-		
Isopropanol	82		-		40-160	-		
1,1-Dichloroethene	109		-		70-130	-		
Tertiary butyl Alcohol	93		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	122		-		70-130	-		
Carbon disulfide	100		-		70-130	-		
Freon-113	103		-		70-130	-		
trans-1,2-Dichloroethene	104		-		70-130	-		
1,1-Dichloroethane	108		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
2-Butanone	105		-		70-130	-		
cis-1,2-Dichloroethene	108		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 184 & 185 SWEENY ST.

Project Number: 2191060

Lab Number: L2016615

Report Date: 04/22/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1363105-3								
Ethyl Acetate	117		-		70-130	-		
Chloroform	102		-		70-130	-		
Tetrahydrofuran	105		-		70-130	-		
1,2-Dichloroethane	102		-		70-130	-		
n-Hexane	105		-		70-130	-		
1,1,1-Trichloroethane	100		-		70-130	-		
Benzene	100		-		70-130	-		
Carbon tetrachloride	105		-		70-130	-		
Cyclohexane	107		-		70-130	-		
1,2-Dichloropropane	108		-		70-130	-		
Bromodichloromethane	103		-		70-130	-		
1,4-Dioxane	106		-		70-130	-		
Trichloroethene	102		-		70-130	-		
2,2,4-Trimethylpentane	108		-		70-130	-		
Heptane	107		-		70-130	-		
cis-1,3-Dichloropropene	106		-		70-130	-		
4-Methyl-2-pentanone	110		-		70-130	-		
trans-1,3-Dichloropropene	90		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	106		-		70-130	-		
2-Hexanone	109		-		70-130	-		
Dibromochloromethane	107		-		70-130	-		
1,2-Dibromoethane	101		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

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

Lab Number: L2016615
Report Date: 04/22/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1363105-3								
Tetrachloroethene	106		-		70-130	-		
Chlorobenzene	108		-		70-130	-		
Ethylbenzene	106		-		70-130	-		
p/m-Xylene	106		-		70-130	-		
Bromoform	106		-		70-130	-		
Styrene	101		-		70-130	-		
1,1,2,2-Tetrachloroethane	112		-		70-130	-		
o-Xylene	106		-		70-130	-		
4-Ethyltoluene	101		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
1,2,4-Trimethylbenzene	103		-		70-130	-		
Benzyl chloride	108		-		70-130	-		
1,3-Dichlorobenzene	103		-		70-130	-		
1,4-Dichlorobenzene	105		-		70-130	-		
1,2-Dichlorobenzene	104		-		70-130	-		
1,2,4-Trichlorobenzene	113		-		70-130	-		
Hexachlorobutadiene	105		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 184 & 185 SWEENY ST.

Project Number: 2191060

Lab Number: L2016615

Report Date: 04/22/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG1363106-3								
Vinyl chloride	100		-		70-130	-		25
1,1-Dichloroethene	106		-		70-130	-		25
cis-1,2-Dichloroethene	102		-		70-130	-		25
1,1,1-Trichloroethane	100		-		70-130	-		25
Carbon tetrachloride	98		-		70-130	-		25
Trichloroethene	94		-		70-130	-		25
Tetrachloroethene	101		-		70-130	-		25

Project Name: 184 & 185 SWEENY ST.

Lab Number: L2016615

Project Number: 2191060

Report Date: 04/22/20

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
L2016615-01	ID-7	01577	Flow 4	04/17/20	319234		-	-	-	Pass	4.5	4.7	4
L2016615-01	ID-7	2822	2.7L Can	04/17/20	319234	L2013757-01	Pass	-29.2	-9.8	-	-	-	-
L2016615-02	OD-3	01559	Flow 4	04/17/20	319234		-	-	-	Pass	4.5	6.5	36
L2016615-02	OD-3	2590	2.7L Can	04/17/20	319234	L2013757-01	Pass	-29.0	0.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2013757
Report Date: 04/22/20

Air Canister Certification Results

Lab ID: L2013757-01
Client ID: CAN 507 SHELF 13
Sample Location:

Date Collected: 03/28/20 16:00
Date Received: 03/30/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/30/20 16:53
Analyst: RY

	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: L2013757
Report Date: 04/22/20

Air Canister Certification Results

Lab ID: L2013757-01
Client ID: CAN 507 SHELF 13
Sample Location:

Date Collected: 03/28/20 16:00
Date Received: 03/30/20
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
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		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: L2013757
Report Date: 04/22/20

Air Canister Certification Results

Lab ID: L2013757-01
Client ID: CAN 507 SHELF 13
Sample Location:

Date Collected: 03/28/20 16:00
Date Received: 03/30/20
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: L2013757
Report Date: 04/22/20

Air Canister Certification Results

Lab ID: L2013757-01
Client ID: CAN 507 SHELF 13
Sample Location:

Date Collected: 03/28/20 16:00
Date Received: 03/30/20
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: L2013757
Report Date: 04/22/20

Air Canister Certification Results

Lab ID: L2013757-01
Client ID: CAN 507 SHELF 13
Sample Location:

Date Collected: 03/28/20 16:00
Date Received: 03/30/20
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	88		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2013757
Report Date: 04/22/20

Air Canister Certification Results

Lab ID: L2013757-01
Client ID: CAN 507 SHELF 13
Sample Location:

Date Collected: 03/28/20 16:00
Date Received: 03/30/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/30/20 16:53
Analyst: RY

	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 **Lab Number:** L2013757

Project Number: CANISTER QC BAT **Report Date:** 04/22/20

Air Canister Certification Results

Lab ID: L2013757-01
Client ID: CAN 507 SHELF 13
Sample Location:

Date Collected: 03/28/20 16:00
Date Received: 03/30/20
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: L2013757
Report Date: 04/22/20

Air Canister Certification Results

Lab ID: L2013757-01
Client ID: CAN 507 SHELF 13
Sample Location:

Date Collected: 03/28/20 16:00
Date Received: 03/30/20
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	88		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	89		60-140

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

Lab Number: L2016615
Report Date: 04/22/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2016615-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2016615-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	184 & 185 SWEENY ST.	**Lab Number:**	L2016615
Project Number:	2191060	**Report Date:**	04/22/20

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.

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.

Footnotes

Report Format: Data Usability Report

Project Name:	184 & 185 SWEENY ST.	**Lab Number:**	L2016615
Project Number:	2191060	**Report Date:**	04/22/20

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. 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.

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 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

Report Format: Data Usability Report

Project Name:	184 & 185 SWEENY ST.	**Lab Number:**	L2016615
Project Number:	2191060	**Report Date:**	04/22/20

Data Qualifiers

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

Project Name:	184 & 185 SWEENY ST.	**Lab Number:**	L2016615
Project Number:	2191060	**Report Date:**	04/22/20

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
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, 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.**

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.

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

ALPHA ANALYTICAL — CHAIN OF CUSTODY — PAGE 1 OF 1

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

Date Rec'd in Lab: 4/22/20

ALPHA Job #: L2016615

Client Information

Client: LaBella Associates
Address: 300 Pearl Street Suite 120
Buffalo, NY 14202
Phone: 716-551-6281
Fax: 716-551-6282
Email: jdombrowski@labellapc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 184 & 185 Swan St.
Project Location: North Tonawanda, NY
Project #: 2191060
Project Manager: Adam Zebrowski
ALPHA Quote #:

Turn-Around Time

☐ Standard ☑ RUSH (only confirmed if pre-approved)
Date Due: 1-Day 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:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
16615-01	ID-7	4/21/20	800	1600	29.78	9.54	AA	JD	2.7L	2822	0.577	X					
02	OD-3	4/21/20	810	1610	29.22	0.86	AA	JD	2.7L	25900	0.559	X					

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

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
	4/21/20 1635		4/21/20 1630
T. Smith	4/21/20 1630		4/22/20 00:05
	4/22/20 0410		4/22/20 0410

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.

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